CYTOGEN CORP Form 10-K/A September 19, 2003

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 10-K/A

(Amendment No. 2)

FOR ANNUAL AND TRANSITION REPORTS
PURSUANT TO SECTIONS 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

(Mark One)

[X] ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2002

| OR | | | | |
|--|--------------------------------------|--|--|--|
| [] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE ACT OF 1934 | E SECURITIES EXCHANGE | | | |
| For the transition period from to | | | | |
| Commission File Number 000-14879 | | | | |
| CYTOGEN CORPORATION | | | | |
| (Exact Name of Registrant as Specified in Its Charter) | | | | |
| Delaware | 22-2322400 | | | |
| (State or Other Jurisdiction of Incorporation or Organization) | (I.R.S. Employer Identification No.) | | | |
| 650 College Road East, Princeton, New Jersey 08540 | | | | |
| (Address of Principal Executive Offices) | (Zip Code) | | | |
| Registrant's telephone number, including area code (609) 750-8200 | | | | |
| Securities registered pursuant to Section 12(b) of the Act: None | | | | |
| Securities registered pursuant to Section 12(g) of the Act: | | | | |
| Common Stock, \$0.01 par value per share | | | | |
| (Title of Class) | | | | |
| Preferred Stock Purchase Rights, \$0.01 par value per share | | | | |
| (Title of Class) | | | | |

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes X No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is an accelerated filer (as defined in Exchange Act Rule 12b-2). Yes X No

The aggregate market value of the registrant's voting shares of Common Stock held by non-affiliates of the registrant on June 28, 2002, based on \$10.70 per share, the last reported sale price on the NASDAQ National Market on that date, was \$92,517,375.

The number of shares of Common Stock, \$.01 par value, of the registrant outstanding as of March 1, 2003 was 8,813,832 shares.

The following documents are incorporated by reference into the Annual Report on Form 10-K: Portions of the registrant's definitive Proxy Statement for its 2003 Annual Meeting of Stockholders are incorporated by reference into Part III of this Report.

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EXPLANATORY NOTE

This Amendment No. 2 on Form 10-K/A ("Amendment No. 2") amends the Annual Report on Form 10-K, as previously amended (the "Form 10-K") of Cytogen Corporation (the "Company" or "Cytogen") for its fiscal year ended December 31, 2002. Amendment No. 2 is being filed to: (i) amend the Company's disclosure in "Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations", under the sub-heading "Liquidity and Capital Resources" of the Form 10-K, to include certain additional information regarding the Company's Contract Manufacturing Agreement with Laureate Pharma L.P.; and (ii) amend "Part IV, Item 15. Exhibits, Financial Statements, and Reports on Form 8-K" of the Form 10-K, to include additional information that was previously redacted from the Contract Manufacturing Agreement, filed as Exhibit 10.49 to the Form 10-K, in connection with the Company's request for confidential treatment.

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PART I

Item 1. Business

Overview

Cytogen Corporation of Princeton, New Jersey is a product-driven, oncology-focused biopharmaceutical company. We market proprietary and licensed oncology products through our in-house sales force: ProstaScint(R) (a monoclonal antibody-based imaging agent used to image the extent and spread of prostate cancer) and NMP22(R) BladderChek(TM) (a point-of-care test for bladder cancer detection). We have also developed Quadramet(R), a skeletal targeting therapeutic radiopharmaceutical for the relief of bone pain in prostate and other types of cancer, for which we receive royalties on product sales through Berlex Laboratories, the United States affiliate of Schering AG Germany, which markets the product in the United States. Our pipeline comprises product candidates at various stages of clinical development, including fully human monoclonal antibodies and cancer vaccines based on PSMA (prostate specific membrane antigen) technology, which we exclusively licensed from Memorial Sloan-Kettering Cancer Center. We also conduct research in cell signaling through our AxCell Biosciences research subsidiary in Newtown, Pennsylvania.

In August 2000, we expanded our product pipeline by entering into marketing, license and supply agreements with Advanced Magnetics, Inc. for Combidex(R), which is an investigational magnetic resonance imaging (MRI) contrast agent that assists in the differentiation of metastatic from non-metastatic lymph nodes. We hold exclusive United States marketing rights to Combidex. Advanced Magnetics is continuing its discussions with the FDA relating to outstanding issues regarding an approvable letter received from the FDA dated June 2000, in an effort to bring Combidex to market.

We are integrating our expertise in molecular and cellular biology, biochemistry, bioinformatics, pharmacology and clinical development to create targeted technologies for cancer therapy and diagnosis. In this regard, we are developing product candidates based on prostate specific membrane antigen, or PSMA, which is a cell-surface protein that is abundantly expressed on prostate cancer cells at all stages of disease, including advanced or metastatic disease.

The PSMA gene was first discovered by scientists at Memorial Sloan-Kettering Cancer Center. From this technology, we have put one product on the market (ProstaScint) and are building a robust pipeline of potential products in

research and development. These pipeline products are focused primarily on novel vaccine and antibody cancer therapy, initially in the area of prostate cancer. In December 2002, the PSMA Development Company LLC, a joint venture between Cytogen and Progenics Pharmaceuticals, Inc., announced the initiation of a Phase I clinical trial for the testing of a novel therapeutic prostate cancer vaccine directed against PSMA.

PSMA is also present at high levels on the newly formed blood vessels (neovasculature) needed for the growth and survival of many types of solid tumors. If PSMA-targeted therapies can destroy or prevent formation of these new blood vessels, we believe that such therapies may prove valuable in treating a broad range of cancers.

Further research and development efforts are carried out through AxCell, which remains engaged in the research and development of novel biopharmaceutical products using its collection of proprietary signal transduction pathway information, despite significant reductions in AxCell's workforce, which we implemented in September 2002.

AxCell uses its proprietary technology as a tool to provide academic, governmental and commercial collaborators with vital information about signal transduction pathways that can be used for drug discovery and development. AxCell provides this information rapidly and efficiently, using the proprietary methods and systems that AxCell developed to identify signal transduction pathways. We have successfully leveraged our technology through collaborations with Mount Sinai School of Medicine, National Cancer Institute, Kimmel Cancer Center at Thomas Jefferson University, University of Muenster in Germany and Celgene Corporation. These collaborations increase our research resources, improve our technological strength and establish valuable development relationships with potential commercial opportunities.

The Company was incorporated in Delaware on March 3, 1980 under the name Hybridex, Inc. and changed its name to Cytogen Corporation on April 1, 1980. Our executive offices are located at 650 College Road East, Suite 3100, Princeton, New Jersey 08540 and our telephone number is 609-750-8200.

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On October 25, 2002, we received approval from our stockholders at a duly called and held special meeting of stockholders to effect a reverse split of our common stock. Our Board of Directors thereafter approved a one-for-ten reverse split of our outstanding, issued and authorized shares of common stock, which became effective on October 25, 2002. All numbers set forth in this Annual Report on Form 10-K reflect the effect of such one-for-ten reverse stock split.

ProstaScint(R) and OncoScint(R) are registered United States trademarks of Cytogen Corporation. All other trade names, trademarks or servicemarks appearing in this Annual Report on Form 10-K are the property of their respective owners, and not the property of Cytogen Corporation or any of our subsidiaries. Quadramet(R) is a trademark of The Dow Chemical Company used under license by Cytogen.

We also maintain a website at http://www.cytogen.com. We provide an internet link on our website to the Securities and Exchange Commission's website where you can find documents that we file with the SEC, including our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to such reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act. Such documents are posted as soon as reasonably practicable after we electronically file such material with, or furnish it to, the SEC. Alternatively, we will provide electronic or paper copies of our filings free of

charge upon request.

PROSTATE CANCER AND ONCOLOGY

Background

Prostate cancer is the most common type of cancer found in American men, other than skin cancer. The American Cancer Society estimates that there will be about 220,900 new cases of prostate cancer in the United States in the year 2003, and estimates that 28,900 men will die of the disease this year. Prostate cancer is the second leading cause of cancer death in men, exceeded only by lung cancer.

Although men of any age may be diagnosed with prostate cancer, it is found most often in men over 50. It is estimated that more than 70% of all prostate cancers are diagnosed in men over the age of 65. Prostate cancer is almost twice as common among African-American men as it is among caucasian American men. It is also most common in North America and northwestern Europe. It is less common in Asia, Africa, and South America.

We find encouragement in the overall vitality of the oncology market and believe future growth lies in identification of new in-licensing opportunities. While large pharmaceutical companies tend to concentrate on products with market potential larger than that of typical anticancer drugs; selected niche products which compliment our oncology focus may fit well within Cytogen's product portfolio.

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We currently market the following proprietary and licensed oncology products:

| Product | Description | Status | 2002 Sales or Royalty Revenue (\$ millions) | |
|-------------------------------------|--|-------------------------------|--|---|
| ProstaScint(R) (Capromab Pendetide) | Monoclonal antibody-based imaging agent used to image the extent and spread of prostate cancer | | \$7.92 | _ |
| Quadramet(R) (Samarium Sm-153 | Skeletal targeting therapeutic | Developed by Cytogen based | \$1.84 | - |

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Future Growth

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NMP22(R) BladderChek(TM) protein-22)

A point-of-care in BladderChek(TM) vitro diagnostic (nuclear matrix test for bladder cancer

Developed by Matritech, Inc., marketed to urologists by Cytogen in the United States

Not material, Cytogen began introducing to physicians in November

2002

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In January 2003, we provided Draximage Inc., the radiopharmaceutical subsidiary of Draxis Health Inc., with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeedTM I-125 and BrachySeedTM Pd-103 products. Effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed I-125 and BrachySeed Pd-103 products.

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Technology

PSMA

Prostate specific membrane antigen, or PSMA, is a transmembrane protein that may be used as an important marker associated with prostate cancer. Memorial Sloan-Kettering Cancer Center identified PSMA using a monoclonal antibody supplied by us. A patent entitled "Prostate Specific Membrane Antigen" was issued to Sloan-Kettering Institute for Cancer Research, an affiliate of Memorial Sloan-Kettering Cancer Center, and we acquired the exclusive worldwide license covering this technology. A murine monoclonal antibody directed against PSMA is the basis of our ProstaScint imaging product. PSMA has also been found to be present in the new blood vessels formed in association with a variety of other major solid tumors. We believe that, due to the unique characteristics of this antigen, technologies utilizing PSMA can yield novel products for the treatment and diagnosis of cancer.

In 1999, we entered into a joint venture with Progenics Pharmaceuticals, Inc. to develop in vivo immunotherapeutic products utilizing PSMA. These product candidates include a therapeutic prostate cancer vaccine utilizing the PSMA gene and a vector delivery system, a recombinant form of the PSMA protein as a basis of immune stimulation, and antibody-based immunotherapies for prostate cancer.

We believe that these product candidates, if successfully developed, could play an important role in the treatment of prostate cancer. We believe there are significant unmet needs for treatment and monitoring of this disease. In addition, we intend to evaluate the utility of these therapies, as an anti-angiogenesis approach, in other cancers where PSMA is expressed in association with tumor neovasculative such as in breast, colon, lung and other cancers.

The joint venture is owned equally by Progenics Pharmaceuticals, Inc. and us. We have exclusively licensed to the joint venture certain immunotherapeutic applications of our PSMA patent rights and know-how. Progenics has funded the first \$3 million of development costs of the program in addition to \$2.0 million in supplemental capital contributions funded at certain dates. Beginning in December 2001, we and Progenics began sharing costs of the program. In 2002, we incurred expenses of \$2.9 million relating to programs at the joint venture compared to \$332,000 in 2001. The joint venture is funded by equal capital contributions from each of Progenics and Cytogen in accordance with an annual budget approved by the joint venture representatives from each such party. As of March 28, 2003, the parties are in the process of negotiating the 2003 annual budget for the joint venture and have agreed that the operating budget for 2003 will be no less than the 2002 operating expenses for the joint venture. Contract research and development services provided by Progenics to the joint venture during 2002 were in accordance with a services agreement between the parties. As of March 28, 2003, the parties are negotiating the terms of a new services agreement and believe that if mutual agreement is not achieved, the parties can successfully negotiate with outside third parties for necessary services.

We have North American marketing rights to products developed by the joint venture and a right of first negotiation with respect to marketing activities in any territory outside North America. We anticipate initiation of marketing efforts for any product developed upon approval by the FDA or requisite foreign regulatory bodies, as applicable. If approved, we anticipate marketing these products with our own sales force and will be reimbursed by the joint venture for these costs. We will split the net profit equally with Progenics for any products developed by the joint venture.

During 2001, the joint venture entered into a worldwide exclusive licensing agreement with AlphaVax Human Vaccines, Inc. to use the AlphaVax Replicon Vector (ArV(TM)) system to create a therapeutic prostate cancer vaccine incorporating the PSMA antigen. Also in 2001, the joint venture entered into a collaboration with Abgenix, Inc. to use the company's XenoMouse(TM) technology for generating fully human antibodies to PSMA. As a result of such collaboration, the joint venture successfully created human monoclonal antibodies that target PSMA.

In December 2002, the PSMA Development Company LLC announced the initiation of a Phase I clinical trial for the testing of a novel therapeutic prostate cancer vaccine directed against PSMA.

We licensed PSMA through our subsidiary, Prostagen, Inc., to Northwest Biotherapeutics, Inc., for development of ex vivo dendritic cell based immunotherapy of prostate cancer. In 2000, we executed a new sublicense agreement with Northwest Biotherapeutics Inc. clarifying their rights to make and use PSMA for ex vivo prostate cancer immunotherapy. In December 2002, we announced that we had regained our rights to ex vivo prostate cancer immunotherapy using PSMA, in connection with the termination of our agreement with Northwest Biotherapeutics, Inc. We are encouraged by efforts to date demonstrating a favorable safety and clinical response in prostate cancer patients treated using PSMA-based ex vivo immunotherapy. Based on this information, we will seek other corporate collaborations or partnerships to help us realize the clinical and commercial potential of this approach.

Independent of our joint venture, we obtained exclusive, world-wide licenses from Molecular Staging, Inc. for technology to be used in developing in vitro diagnostic tests using both PSMA and PSA. Molecular Staging's Rolling Circle Amplification Technology (RCAT(TM)) is a novel, patented process that creates new diagnostic opportunities. RCAT is a highly sensitive, quantitative and efficient amplification method that allows the user to detect the presence of target molecules in a wide array of testing formats. It offers a practical method that allows solid phase recognition and detection of target molecules either directly, on a cell or on a biochip. We have established the proof of concept of using the RCAT technology in a PSA serving assay and are investigating the optional contribution of reagents (i.e., monoclonal antibody pairs) using a similar approach for PSMA.

AxCell Biosciences

A majority of the drugs on the market today are agents that interact with cell surface receptors. Surface receptors, however, are generally associated with multiple intracellular signaling pathways and, as a result, drugs targeting these receptors are less specific to the disease, leading to reduced efficacy and/or unwanted side effects. By targeting intracellular proteins downstream from the surface receptor, a drug can more precisely initiate the desired cellular response, leading to treatments with greater efficacy and fewer side effects. Many proteins along these intracellular pathways communicate with each other through structurally and functionally defined modules called `domains' and their respective binding partners called `ligands'. The modular and well-defined nature of these domain-ligand interactions makes them ideal drug targets for developing small inhibitory molecules.

One of the historical challenges to design small molecule inhibitors for domain-ligand interactions is the fact that domains are highly homologous within each domain `family' making it difficult to develop a highly specific inhibitor for a particular interaction. Our subsidiary, AxCell, overcomes this problem through the exact determination of specificity boundaries for each domain-ligand interaction. This biochemical approach integrates parallel synthesis of peptides, protein expression and high-throughput screening methodology combined with tools of bioinformatics.

AxCell has the only high throughput platform for the systematic identification and characterization of domain-mediated intracellular pathways, which can be combined with many levels of biological information to understand how they work together in a systems biology approach. Using its proprietary technologies, AxCell has made significant technical progress over the past several years and, despite a significant reduction in its workforce, which we implemented in September 2002, is currently applying its pathway content and knowledge to accelerate the development of targeted drugs in certain therapeutic categories through both internal efforts and external research collaborations with corporate, government and academic institutions.

Marketed products

We have three actively marketed products: ProstaScint, a monoclonal antibody-based imaging agent used to image the extent and spread of prostate cancer; Quadramet, a skeletal targeting therapeutic radiopharmaceutical for relief of bone pain from cancer that has spread to the bone from the primary tumor; and NMP22 BladderChek, a point-of-care test which aids in the diagnosis of bladder cancer.

ProstaScint

Prostate cancer is the most common type of cancer found in American men, other than skin cancer. The American Cancer Society estimates that there will be about

220,900 new cases of prostate cancer in the United States in the year 2003, and that about 28,900 men will die of this disease. Prostate cancer is the second leading cause of cancer death in men, exceeded only by lung cancer. Although men of any age may be diagnosed with prostate cancer, it is found most often in men over 50. It is estimated that more than 70% of all prostate cancers are diagnosed in men over the age of 65.

ProstaScint is a diagnostic, murine-based monoclonal antibody which is linked to the radioisotope Indium-111 as an imaging agent which localizes in the body specifically targeting PSMA. ProstaScint utilizes our proprietary targeted delivery system, employing whole monoclonal antibodies, which directs Indium-111 to malignant prostate tumor sites. A radioisotope is an element which, because of nuclear instability, undergoes radioactive decay and emits radiation. We supply ProstaScint to hospitals, diagnostic imaging centers and radiopharmacies.

Due to the selective expression of PSMA, the ProstaScint imaging procedure can aid in the detection of the extent and spread of prostate cancer in the body. ProstaScint is approved for marketing in the United States in two clinical settings: as a diagnostic imaging agent in newly diagnosed patients with

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biopsy-proven prostate cancer thought to be clinically localized after standard diagnostic evaluation and who are at high risk for spread of their disease to pelvic lymph nodes and for use in post-prostatectomy patients in whom there is a high suspicion that the cancer has recurred.

When deciding on an initial course of therapy for diagnosed prostate cancer, physicians must first determine the extent of disease in the patient. The accuracy of this information is vital in deciding upon an appropriate course of therapy. Prior to the availability of ProstaScint, determining whether newly diagnosed disease was limited to the prostate or had spread beyond the gland was based upon statistical inference from the biopsy appearance of the tumor and the patient's serum level of PSA. Conventional imaging methods such as CT (computed tomography) or MR (magnetic resonance) are all relatively insensitive because they rely on identifying significant changes to normal anatomic structure to indicate the presence of disease. The ProstaScint disease images are based upon expression of the PSMA molecule and, therefore, may identify disease not readily detectable with conventional procedures.

During an imaging procedure, ProstaScint is administered intravenously into the patient. The antibody in ProstaScint travels through the bloodstream and binds to specific antigens expressed by the tumors being studied. The radioactivity from the isotope that has been attached to the antibody can be detected from outside the body by a gamma camera. Gamma cameras are found in nuclear medicine departments. The image captured by the camera assists in the identification of the location of the radiolabeled pharmaceutical thus identifying the sites of tumors. Clinical studies conducted to date by physicians on our behalf indicate that ProstaScint may provide new and useful information not available from other conventional diagnostic modalities regarding the existence, location and extent of a specific disease throughout the body.

In the United States, following initial therapy, prostate cancer patients are monitored to ascertain changes in the level of serum PSA. In this setting, a rise in PSA is evidence of recurrence of the patient's prostate cancer. Knowledge of the extent and location of disease recurrence is important in choosing the most appropriate form of treatment. The National Comprehensive Cancer Network (NCCN), a consortium of leading cancer hospitals, included ProstaScint imaging as a tool in its Practice Guidelines for recurrent prostate cancer in both its 2001 and 2002 edition. Guidelines such as these are published to serve as the practice standard for the oncology community.

We believe that future growth and market penetration of ProstaScint is largely dependent upon, among other things, the implementation and continued research of new product applications, such as: (i) combining or fusing ProstaScint with CT or MR scans in a digital overlay ("fusion imaging"); and (ii) using ProstaScint scans to guide therapy ("image-guided therapy") to enhance therapy targeting, including brachytherapy, cryotherapy, and external beam radiation, such as intensity modulated radiation therapy (IMRT), an advanced and more powerful form of therapy that uses computers to focus radiation more precisely on the target.

NMP22 BladderChek

In October 2002, we entered into a five-year agreement with Matritech Inc. to be the sole distributor for Matritech's NMP22 BladderChek device to urologists and oncologists in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. NMP22 BladderChek is a point-of-care antibody-based diagnostic test for bladder cancer that requires only a few drops of a patient's urine. NMP22 BladderChek returns results in thirty minutes and provides urologists with an adjunct technology to cystoscopy, a clinical procedure for the visual identification of tumors in the bladder. NMP22 BladderChek is approved for sale in the United States. During November 2002, we began promoting NMP22 BladderChek to urologists in the United States using our in-house sales force.

OncoScint CR/OV

We discontinued marketing, selling and producing OncoScint CR/OV, a monoclonal antibody diagnostic imaging agent for spread of colorectal and ovarian cancer, at the end of 2002. The market for OncoScint CR/OV for colorectal cancer diagnosis has been negatively affected by positron emission tomography, or "PET", scans. The sensitivity of the PET scan in colon cancer appears to be similar or higher than the OncoScint CR/OV scan.

Ouadramet

Quadramet is a cancer therapeutic agent for the relief of pain in patients with metastatic bone lesions that image on conventional bone scan, a routinely performed nuclear medicine procedure. Quadramet consists of a radioactive isotope, Samarium-153, which emits beta radiation, and a chelating agent, EDTMP, which targets the drug to sites of new bone formation.

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Once tumors have metastasized to the skeleton, they continue to grow and cause destruction of the adjacent bone. This erosion of bone stimulates new bone formation which encircles the metastatic tumor. By targeting these areas of bone formation, Quadramet delivers site-specific radiation, which may result in significant pain reduction. According to American Cancer Society and National Cancer Institute statistics, about half of all people with cancer (other than skin cancer) will have bone metastasis at some point in the course of their disease. Bone metastasis is one of the most frequent causes of cancer related pain.

Quadramet has many characteristics which we believe are advantageous for the treatment of cancer bone pain, including early onset of pain relief, lasting up to four months with a single injection; predictability of recovery from bone marrow toxicity; ease of administration; and length of pain relief. In addition, due to its pharmacokinetic properties, the radioactive plasma half-life is approximately five to six hours. Quadramet is administered as a single intravenous injection on an outpatient basis and directly targets sites of new bone formation which include those areas in the skeleton that have been invaded by metastatic tumors. Quadramet exhibits selective uptake in bone with little or no detectable accumulation in soft tissue.

We believe that the future growth and market penetration of Quadramet is largely dependent upon, among other things: (i) new clinical data supporting the expanded and earlier use of Quadramet in various cancers and in combination with other therapies, such as chemotherapy and bisphophonates; (ii) establishing the use of Quadramet at higher doses to target and treat primary bone cancers; and (iii) increased marketing and sales penetration to radiation and medical oncologists.

Current competitive treatments for severe bone cancer pain include narcotic analgesics, external beam radiation therapy, bisphosphonates, Metastron and Novantrone.

BrachySeed

In December 2000, we entered into a 10-year agreement with Draximage Inc., the radiopharmaceutical subsidiary of Draxis Health, Inc. to market and distribute Draximage's BrachySeed implants in the United States. On January 24, 2003, we provided Draximage with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeed I-125 and BrachySeed Pd-103 products. Effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed I-125 and BrachySeed Pd-103 products.

Oncology Product Sales, Marketing and Distribution

ProstaScint is a technique-dependent product that requires a high degree of proficiency in nuclear imaging technology in order to correctly image and interpret the scan. We have established a network of accredited nuclear medicine imaging centers through our PIE, or Partners In Excellence Program. Each PIE site receives rigorous training and proficiency evaluations. As of December 31, 2002, there were 396 such sites qualified to perform ProstaScint imaging, including National Cancer Institute-designated Comprehensive Cancer Centers. ProstaScint may only be used at qualified PIE sites. We plan to add PIE sites on a selective basis in order to ensure that new and existing sites are adequately qualified maintaining a high level of competence. At the present time, we bear partial expense of the qualification of new sites.

The primary objective of our dedicated sales force is to promote our products to urologists, radiation oncologists and nuclear medicine physicians. Within this field force are technical specialists who assist in the training of nuclear medicine technologists and nuclear medicine physicians including the qualification process for nuclear imaging centers to perform ProstaScint imaging. We depend on our own sales force for the sale and marketing of ProstaScint and NMP22 BladderChek. The distribution of ProstaScint and NMP22 BladderChek is handled by outside contractors. We also rely on Berlex for the sale, marketing and distribution of Quadramet in the United States.

During 2000, we terminated our co-marketing arrangement with the Bard Urological Division of CR Bard Company, Inc with respect to the marketing of ProstaScint. In 1999, we reached an agreement with Bard to phase out the co-marketing agreement so that we could undertake direct marketing responsibility for the product. We took this step because of our view that a highly-trained and dedicated internal sales force would be able to market our high technology products most effectively, and to build an internal marketing capability for possible future products. The transition was completed by mid-year 2000.

In October 1998, we entered into an exclusive agreement with Berlex Laboratories, Inc. for the marketing of Quadramet, after terminating our previous marketing relationship with the radiopharmaceutical division of DuPont

Merck. Berlex re-launched Quadramet in March 1999, and maintains a sales force that targets its sales efforts on the oncological community. Pursuant to our agreement with Berlex, we are entitled to royalty payments based on net sales of the Quadramet product and milestone payments based upon sales levels achieved. We are also required to pay royalties or guaranteed contractual minimum payments, whichever is greater, and future payments upon the achievement of certain milestones, to The Dow Chemical Company, the owner of the technology upon which we developed Quadramet.

Corporate Partners, Strategic Alliances and License Agreements

Our strategy is to use alliances with other companies to increase our financial resources, reduce risk and retain an appropriate level of ownership of products currently in development. In addition, through alliances with other pharmaceutical and biotechnology companies, we may obtain funding, expand existing programs, learn of new technologies, and gain additional expertise in developing and marketing products.

Abgenix, Inc.

During 2001, the PSMA Development Company LLC, a joint venture between Cytogen and Progenics Pharmaceuticals, Inc., entered into an agreement with Abgenix, Inc. regarding the development of fully human antibodies to PSMA using Abgenix's XenoMouse technology.

Advanced Magnetics, Inc.

In August 2000, Cytogen and Advanced Magnetics, Inc. mutually terminated a previously negotiated agreement pursuant to which Cytogen was to acquire Advanced Magnetics. Instead, the two companies entered into marketing, licensing and supply agreements. Under such agreements, we acquired exclusive United States rights to two product candidates, Combidex (for all applications) and imaging agent Code 7228 (for oncology applications only). Combidex, a MRI contrast agent for the detection of lymph node metastases, received an approvable letter in June 2000 from the FDA, subject to certain conditions, following a priority review. Advanced Magnetics is continuing its discussions with the FDA relating to outstanding issues regarding such approvable letter in an effort to bring Combidex to market. At this time, Advanced Magnetics does not intend to develop Code 7228 for oncology imaging.

Under the terms of our License and Marketing Agreement with Advanced Magnetics, we issued 200,000 shares of common stock to Advanced Magnetics. Of such 200,000 shares, 25,000 are being held in escrow pending the achievement of certain milestones relating to Combidex and 25,000 are being held in escrow pending the achievement of certain milestones relating to Code 7228. The remaining 150,000 shares were transferred to Advanced Magnetics, subject to certain restrictions, such restrictions having subsequently expired.

Our License and Marketing Agreement with Advanced Magnetics will continue until August 25, 2010, and shall thereafter automatically renew for successive five year periods, unless notice of non-renewal or termination is given by us or Advanced Magnetics, 90 days prior to the commencement of any renewal period.

There can be no assurance that Advanced Magnetics will receive FDA approval to market products licensed by Cytogen.

AlphaVax

In 2001, the PSMA Development Company LLC, our joint venture with Progenics Pharmaceuticals, Inc., entered into a development and license agreement with AlphaVax to utilize their proprietary viral vector technology to deliver the

PSMA gene systemically. This agreement contains certain up-front, maintenance, milestone and royalty payments. We believe that this technology, if successfully deployed, may have important advantages in targeting immune stimulating cells in vivo which impact on the progression of cancer.

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Berlex Laboratories, Inc.

In October 1998, we entered into a license agreement with Berlex Laboratories, Inc. regarding the sales, marketing and distribution of Quadramet, a radiopharmaceutical product used to provide pain relief from cancer spreading to the bone. As consideration for the rights granted, Berlex Laboratories agreed to pay us royalties based on net sales, as defined in the agreement. This agreement will expire twenty years from the date of execution or on the date of expiration of the last to expire licensed patent, whichever is later.

Elan Corporation, plc

In January 1996, we entered into a license agreement granting Elan worldwide rights to a group of peptides and associated technology for orally administered drugs that are transported across the gastrointestinal epithelium, as well as rights to other orally delivered drugs derived from related research programs. Elan is responsible for the further development and commercialization of this technology. We are entitled to royalties from sales of any product developed and commercialized based on this technology.

Matritech

In October 2002, we entered into a five-year agreement with Matritech Inc. to be the sole distributor for Matritech's NMP22 BladderChek test to urologists and oncologists in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. NMP22 BladderChek is a point-of-care antibody test for bladder cancer detection that requires only a few drops of a patient's urine. NMP22 BladderChek returns results in thirty minutes and provides urologists with an adjunct technology to cystoscopy, a clinical procedure for the visual identification of tumors in the bladder. NMP22 BladderChek is approved for sale in the United States. During November 2002, we began promoting NMP22 BladderChek to urologists in the United States using our in-house sales force.

Memorial Sloan-Kettering Cancer Center

In 1993, we began a development program with Memorial Sloan-Kettering Cancer Center involving PSMA and our proprietary monoclonal antibody. In November 1996, we exercised an option for, and obtained, an exclusive worldwide license to this technology.

Northwest Biotherapeutics, Inc.

We licensed PSMA through our subsidiary, Prostagen, Inc., to Northwest Biotherapeutics, Inc., for development of in vitro dendritic cell based immunotherapy of prostate cancer. Prostagen also licensed exclusive PSMA manufacturing rights for immunotherapy to Northwest Clinicals, LLC, a corporation formed and co-owned by Northwest Biotherapeutics and Prostagen. Such manufacturing rights license agreement with Northwest Clinicals, LLC was terminated and the manufacturing rights thereunder returned to Cytogen. In 2000, we executed a new sublicense agreement with Northwest Biotherapeutics Inc. clarifying their rights to make and use PSMA for ex vivo prostate cancer immunotherapy. In December 2002, we announced that we had regained our rights to ex vivo prostate cancer immunotherapy using PSMA, in connection with the

termination of our agreement with Northwest Biotherapeutics, Inc.

Progenics Pharmaceuticals, Inc.

In 1999, we entered into a joint venture with Progenics Pharmaceuticals, Inc. to develop products utilizing our PSMA technology. The products currently under development include, among others, a therapeutic prostate cancer vaccine utilizing a PSMA protein/adjuvant approach. In December 2002, the joint venture announced the initiation of a Phase I clinical trial for the testing of a novel therapeutic prostate cancer vaccine directed against PSMA. We are also developing through this joint venture, antibody-based immunotherapies for prostate cancer. We believe that these drugs, if successfully developed, could play an important role in the treatment of advanced prostate cancer and other cancers where PSMA is expressed, such as in breast, colon lung and other cancers.

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The Dow Chemical Company

In March 1993, we obtained an exclusive license from The Dow Chemical Company to North American rights to use Quadramet as a therapeutic radiopharmaceutical for metabolic bone disease or tumor regression for cancer caused by metastatic or primary cancer in bone in humans, and for the treatment of disease characterized by osteoblastic response in humans. In November 1998, Dow also extended our exclusive rights for use of Quadramet in treating advanced rheumatoid arthritis to Europe, Japan and other countries in addition to North America.

Draxis Health, Inc.

In December 2000, we entered into a 10-year agreement with Draximage Inc., the radiopharmaceutical subsidiary of Draxis Health, Inc. to market and distribute Draximage's BrachySeed implants in the United States. On January 24, 2003, we provided Draximage with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeed I-125 and BrachySeed Pd-103 products. Effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed I-125 and BrachySeed Pd-103 products.

PRODUCT CONTRIBUTION TO REVENUES

ProstaScint and Quadramet account for, and prior to its discontinuation in January 2003, BrachySeed accounted for, a significant percentage of our total revenues. For the years ended December 31, 2002, 2001 and 2000, revenues related to ProstaScint accounted for approximately 61%, 65% and 66%, respectively, of our total revenues; revenues related to Quadramet accounted for approximately 14%, 18% and 19%, respectively, of our total revenues; and revenues related to BrachySeed accounted for approximately 19% of our total revenues during the year ended December 31, 2002 and 7% of our total revenues during the year ended December 31, 2001.

On January 24, 2003, we provided Draximage with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeed I-125 and BrachySeed Pd-103 products.

RESEARCH AND DEVELOPMENT

Our research and development expenditures include our share of the costs incurred to develop PSMA through our joint venture with Progenics Pharmaceuticals, payments we made to customer sponsored research programs,

payments to DSM Biologics for the development of a new manufacturing process for ProstaScint and the cost to develop the signal transduction pathway research program at AxCell. Our expenses for research and development activities were:

- 2002 -- \$ 10.5 million
- 2001 -- \$ 10.4 million
- 2000 -- \$ 7.0 million

We intend to pursue research and development activities having commercial potential and to review all of our programs to determine whether possible market opportunities, near and longer term, provide an adequate return to justify the commitment of human and economic resources to their initiation or continuation. During 2002, we incurred \$551,000 of expenses for the DSM development program, \$3.6 million for the signal transduction pathway program at AxCell and a stock-based milestone payment of \$2.0 million related to the progress of the dendritic cell prostate cancer clinical trials at Northwest. In addition to the \$7.6 million of research and development expense incurred during 2002, we recognized \$2.9 million of expenses related to our share of the losses from our joint venture with Progenics. The joint venture is funded by equal capital contributions from each of Progenics and Cytogen in accordance with an annual budget approved by the joint venture representatives from each such party. As of March 28, 2003, the parties are in the process of negotiating the 2003 annual budget for the joint venture and have agreed that the operating budget for 2003 will be no less than the 2002 operating expenses for the joint venture. Contract research and development services provided by Progenics to the joint venture during 2002 were in accordance with a services agreement between the parties. As of March 28, 2003, the parties are negotiating the terms of a new services agreement and believe that if mutual agreement is not achieved, the parties can successfully negotiate with outside third parties for necessary services.

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COMPETITION

The biotechnology and pharmaceutical industries are subject to intense competition, including competition from large pharmaceutical companies, biotechnology companies and other companies, universities and research institutions. Our existing therapeutic products compete with the products of a wide variety of other firms, including firms that provide products used in more traditional treatments or therapies, such as external beam radiation, chemotherapy agents and narcotic analgesics. In addition, our existing and potential competitors may be able to develop technologies that are as effective as, or more effective than those offered by us, which would render our products noncompetitive or obsolete. Moreover, many of our existing and potential competitors have substantially greater financial, marketing, manufacturing, distribution and technological resources than we do. Our existing and potential competitors may be in the process of seeking FDA or foreign regulatory approval for their respective products or may also enjoy substantial advantages over us in terms of research and development expertise, experience in conducting clinical trials, experience in regulatory matters, manufacturing efficiency, name recognition, sales and marketing expertise and distribution channels. We believe that competition for our products is based upon several factors, including product efficacy, safety, cost-effectiveness, ease of use, availability, price, patent position and effective product promotion.

We expect competition to intensify in the fields in which we are involved, as technical advances in such fields are made and become more widely known. We cannot assure you, however, that we or our collaborative partners will be able to develop our products successfully or that we will obtain patents to provide protection against competitors. Moreover, we cannot assure you that our

competitors will not succeed in developing therapeutic products that circumvent our products or that these competitors will not succeed in developing technologies or products that are more effective than those developed by us. In addition, many of these companies may have more experience in establishing third-party reimbursement for their products. Accordingly, we cannot assure you that we will be able to compete effectively against existing or potential competitors or that competition will not have a material adverse effect on our business, financial condition and results of operations.

The market for therapeutic and diagnostic products that address prostate and bladder cancer is large. Our most significant competitors are major pharmaceutical companies, radiopharmaceutical distributors and biotechnology companies. There is one marketed product that competes with our ProstaScint product, which is 18-F fluorodeoxyglucose-PET (FDG), a Positron Emission Tomography (PET) imaging agent which is produced and distributed by various radiopharmaceutical suppliers, such as PETnet and Syncor International Corporation (now Cardinal Health Nuclear Pharmacy Services). We also face competition in the diagnostic bladder cancer market from Polymedco which produces BTAstat(R), a competitive product to NMP22 BladderChek, which we have licensed from Matritech. Matritech has retained rights to market and may market the point-of-care NMP22 BladderChek test directly to physicians other than urologists and oncologists, such as primary care physicians.

Additionally, we face competition in the development of PSMA-related technology and products primarily from Millenium Pharmaceuticals, Inc. and Medarex, Inc.

These competitors, many of which have substantially greater resources than ours, operate large, well-funded cancer research and development programs, and have significant expertise in manufacturing, testing, regulatory matters and marketing.

MANUFACTURING

Our products must be manufactured in compliance with regulatory requirements and at commercially acceptable costs. ProstaScint was manufactured at a current good manufacturing practices, or cGMP, compliant manufacturing facility in Princeton, New Jersey which is operated by Laureate Pharma L.P. (formerly Bard BioPharma L.P.). An Establishment License Application for the facility was approved by the FDA for the manufacture of ProstaScint in October 1996. Our manufacturing agreement with Laureate expired in January 2002. In July 2000, we entered into a Development and Manufacturing Agreement with DSM Biologics Company B.V., pursuant to which DSM conducted certain development activities with respect to ProstaScint for testing and evaluation purposes. Our intention was that DSM would replace the arrangement with Laureate, with respect to the manufacture of ProstaScint.

In January 2003, we entered into a new Contract Manufacturing and Supply Agreement with Laureate Pharma L.P., pursuant to which Laureate will manufacture, and supply us with, ProstaScint, through December 31, 2003. Notwithstanding the terms of such contract, we cannot be certain that Laureate will satisfactorily perform its obligations thereunder or that Laureate will be able to supply ProstaScint to us on commercially satisfactory terms, if at all. Our failure to procure a sufficient supply of ProstaScint will have a material

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adverse effect on our business, financial condition and results of operations. As of December 31, 2002 we had a sufficient level of ProstaScint, inventory on hand for ten months.

Our manufacturing arrangement with Laureate is subject to FDA oversight. Any failure of Laureate to comply with FDA requirements will have a material adverse

effect on our business, financial condition and results of operations.

Quadramet is manufactured by Bristol-Myers Squibb (BMS) (formerly DuPont), pursuant to an agreement with both Berlex and Cytogen.

Raw materials and suppliers

The active raw materials used for the manufacture of our ProstaScint product include antibodies. We intend that the raw materials needed for our ProstaScint product will be supplied by Laureate Pharma L.P., the same contract manufacturer that we intend will make ProstaScint.

With respect to some components of Quadramet, particularly Samarium153 and EDTMP, such raw materials are provided to BMS by outside suppliers. BMS obtains its requirements for Samarium153 from one supplier. Alternative sources for these components may not be readily available. If BMS cannot obtain sufficient quantities of these components on commercially reasonable terms, or in a timely manner, it would be unable to manufacture Quadramet on a timely and cost-effective basis, which could have a material adverse effect on our business, financial condition and results of operations.

On January 24, 2003, we provided Draximage with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeed I-125 and BrachySeed Pd-103 products.

Pursuant to the terms of our distribution agreement with Matritech, we rely on Matritech as the sole supplier of NMP22 BladderChek. Matritech uses independent contractors to manufacture the product. If Matritech fails to, or is unable to provide the product, we could experience a material adverse effect on our business, financial condition and results of operations.

PATENTS AND PROPRIETARY RIGHTS

We believe that our success depends in part on our ability to protect our products and technology through patents and trade secrets. Accordingly, our policy is to pursue a vigorous program of securing and maintaining patent and trade secret protection to preserve our right to exploit the results of our research and development activities and, to the extent it may be necessary or advisable, to exclude others from appropriating our proprietary technology.

We aggressively protect our proprietary technology by selectively seeking patent protection in a worldwide program. In addition to the United States, we file patent applications in Canada, major European countries, Japan and additional foreign countries on a selective basis to protect inventions important to the development of our business. We believe that the countries in which we have obtained and are seeking patent coverage for our proprietary technology represent the major focus of the pharmaceutical industry in which we and certain of our licensees will market our respective products. We also rely on trade secrets, know-how, continuing technological innovation and in-licensing opportunities to develop and maintain our proprietary position.

As of December 31, 2002, we owned or licensed over 40 United States patents and additional pending United States patent applications, and over 45 corresponding issued foreign patents and additional corresponding pending foreign patent applications.

The issued patents owned or exclusively licensed by us cover various aspects of our technology and therapeutic products and the methods for their production and use, including various aspects of ProstaScint, Quadramet, and NMP22 BladderChek. We have obtained a patent term extension on U.S. 5,162,504, the patent directed to ProstaScint to October 28, 2010. In addition, there is a patent term

extension on U.S. 4,898,724, the patent directed to Quadramet to March 28, 2011.

We have entered into several license agreements under which we are exclusively licensed to certain patents and patent applications. In particular, we acquired an exclusive license from Memorial Sloan-Kettering Institute for certain patents and patent applications covering PSMA. We are also the exclusive licensee of certain United States patents and applications owned by DOW covering Quadramet.

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We both co-own with and are the exclusive licensee of the University of North Carolina at Chapel Hill of certain patents and pending applications, covering aspects of proteomics technology, including our phage display.

We also currently own or are licensed under the following trademarks and servicemarks: ProstaScint(R); Quadramet(R); NMP22(R) BladderChek(TM); and Combidex(R).

We also rely upon, and intend to continue to rely upon, trade secrets, unpatented proprietary know-how and continuing technological innovation to develop and maintain our competitive position. It is our policy to require our employees, consultants, licensees, outside scientific collaborators, sponsored researchers and other advisors to execute confidentiality agreements upon the commencement of employment or consulting relationships with us. These agreements provide that all confidential information developed or made known to the individual during the course of the individual's relationship with us is to be kept confidential and not disclosed to third parties except in specific circumstances. In the case of employees, the agreements provide that all inventions conceived by the individual shall be our exclusive property. There can be no assurance, however, that these agreements will provide meaningful protection or adequate remedies for the our trade secrets in the event of unauthorized use or disclosure of such information.

We believe that our valuable proprietary information is protected to the fullest extent practicable; however, we cannot assure you that:

- additional patents will be issued to us in any or all appropriate jurisdictions;
- litigation will not be commenced seeking to challenge our patent protection or that challenges will not be successful;
- our processes or products do not or will not infringe upon the patents of third parties; or
- the scope of patents issued will successfully prevent third parties from developing similar and competitive products.

The technology applicable to our products is developing rapidly. A substantial number of patents have been issued to other biotechnology companies. In addition, competitors have filed applications for, or have been issued, patents and may obtain additional patents and proprietary rights relating to products or processes that are competitive with ours. In addition, others may have filed patent applications and may have been issued patents to products and to technologies potentially useful to us or necessary to commercialize our products or to achieve our business goals. We cannot assure you that we will be able to obtain licenses of patents on acceptable terms.

We cannot predict how any patent litigation will affect our efforts to develop, manufacture or market our products.

We are defendants in litigation filed against us in the United States Federal

Court for the District of New Jersey with respect to claims that our ProstaScint product infringes a third-party patent and we have disclosed certain information regarding such lawsuit under the caption "Legal Proceedings", herein.

GOVERNMENT REGULATION AND PRODUCT TESTING

The development, manufacture and sale of medical products utilizing our technology are governed by a variety of federal, state and local statutes and regulations in the United States and by comparable laws and agency regulations in most foreign countries. Our three actively marketed products consist of a biologic (ProstaScint), a drug (Quadramet, a therapeutic radiopharmaceutical) and a Premarket Approval ("PMA") device (NMP22(R) BladderChek(TM)). Future applications for these may include expanded indications and could result in additional drugs, biologics, PMA devices or combination products. Our product development pipeline contains various other products, the majority of which will likely be classified as new drugs or biologics.

In the United States, medical products that we currently market or intend to develop are regulated by the Federal Food, Drug, and Cosmetic Act ("FDC Act") and the Public Health Service Act, and by the Food and Drug Administration (the "FDA") rules and regulations promulgated thereunder. These laws and regulations require, among other things, carefully controlled research and preclinical and clinical testing of products, government notification, review and/or approval prior to investigating or marketing the product, inspection and/or licensing of manufacturing and production facilities, adherence to current Good Manufacturing

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Practices ("cGMP"), and compliance with products specifications, reporting, advertising, promotion, export, packaging, labeling and other applicable regulations.

The FDC Act requires that our products be manufactured in FDA registered facilities subject to inspection. The manufacturer must be in compliance with cGMP which imposes certain procedural and documentation requirements upon us and our manufacturing partners with respect to manufacturing and quality control activities. To ensure full technical compliance with such regulations, a manufacturer must spend funds, time and effort in the areas of production and quality control. Noncompliance with cGMP can result in, among other things, fines, injunctions, civil penalties, recalls or seizures of products, total or partial suspension of production, failure of the government to grant approval for marketing, withdrawal, suspension or revocation of marketing approvals and criminal prosecution. Any failure by us or our manufacturing partners to comply with the requirements of cGMP could have a material adverse effect on our business, financial condition and results of operations.

FDA approval of our proposed products, including a review of the manufacturing processes and facilities used to produce such products, will be required before such products may be marketed in the United States. The process required by the FDA before drug, biological or PMA device products may be approved for marketing in the United States generally involves (i) preclinical laboratory and animal tests under the FDA's good laboratory practice regulations, (ii) submission to the FDA of an Investigational New Drug Application ("IND") (for a drug or biologic) or Investigational Device Exemption ("IDE") (for a device), which must become effective before clinical trials may begin, (iii) human clinical trial(s) to establish the safety and efficacy of the product for its intended indication, (iv) submission to the FDA of a marketing application (New Drug Application ("NDA") for drug, Biologics License Application ("BLA") for biologic and PMA for device) and (v) FDA review of the marketing application in order to determine, among other things, whether, for a new drug or device, the product is safe and effective for its intended uses, or whether, for a biological product, the product is safe, pure and potent and the facility in which it is manufactured,

processed, packed or held meets standards designed to assure the product's continued safety, purity, and potency. Radiopharmaceutical drugs and biologics are subject to additional requirements pertaining to the description and support of their indications for use, and the evaluation of product effectiveness and safety, including radiation safety. There is no assurance that the FDA review of marketing applications will result in product approval on a timely basis, or at all.

Clinical trials for drugs and biologics typically are performed in three phases to evaluate the safety and efficacy of the product. In Phase I, a product is tested in a small number of patients primarily for safety at one or more dosages. Phase II evaluates, in addition to safety, the efficacy of the product against particular diseases in a patient population that is generally somewhat larger than Phase I. Clinical trials of certain diagnostic and cancer therapeutic agents may combine Phase I and Phase II into a single Phase I/II study. In Phase III, the product is evaluated in a larger patient population sufficient to generate data to support a claim of safety and efficacy within the meaning of the FDC Act. Permission by the FDA must be obtained before clinical testing can be initiated within the United States. This permission is obtained by submission of an IND application which typically includes, among other things, the results of in vitro and non-clinical testing and any previous human testing done elsewhere. The FDA has 30 days to review the information submitted and makes a final decision whether to permit clinical testing with the drug or biologic. However, this process can take longer if the FDA raises questions or asks for additional information regarding the Investigational New Drug application.

There can be no assurance that submission of an IND or IDE will result in the ability to commence clinical trials. In addition, FDA may place a clinical trial on hold or terminate it if, among other reasons, it concludes that clinical subjects are being exposed to an unacceptable health risk. After completion of in vitro, non-clinical and clinical testing, authorization to market a drug, biologic or device must be granted by FDA. The FDA grants permission to market through the review and approval of either an NDA, BLA or PMA.

An NDA is an application to the FDA to market a new drug. A BLA is an application to the FDA to market a biological product. An NDA or BLA, depending on the submission, must contain, among other things, information on chemistry, manufacturing controls and potency and purity; nonclinical pharmacology and toxicology; human pharmacokinetics and bioavailability and clinical data. The new drug or biologic may not be marketed in the United States until the FDA has approved the NDA or BLA. In addition, for both NDAs and BLAs, the application will not be approved until the FDA conducts a manufacturing inspection and approves the applicable manufacturing process for the drug or biologic. A PMA is an application to the FDA to market certain medical devices, which must be approved in order for the product to be marketed. It must be supported by valid scientific evidence, which typically includes extensive data, including pre-clinical data and clinical data from well-controlled or partially controlled clinical trials, to demonstrate the safety and effectiveness of the device. Product and manufacturing and controls specification and information must also be provided.

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Both the studies and the preparation and prosecution of these applications in front of the FDA are expensive and time consuming, and each may take several years to complete. Difficulties or unanticipated costs may be encountered by us or our licensees in their respective efforts to secure necessary governmental approval or licenses, which could delay or preclude us or our licensees from marketing their products. There can be no assurance that approvals of our proposed products, processes or facilities will be granted on a timely basis, or at all. Limited indications for use or other conditions could also be placed on

any approvals that could restrict the commercial applications of products. With respect to patented products or technologies, delays imposed by the government approval process may materially reduce the period during which we will have the exclusive right to exploit them, because patent protection lasts only for a limited time, beginning on the date the patent is first granted in the case of United States patent applications filed prior to June 6, 1995, and when the patent application is first filed in the case of patent applications filed in the United States after June 6, 1995, and applications filed in the European Economic Community. We intend to seek to maximize the useful life of our patents under the Patent Term Restoration Act of 1984 in the United States and under similar laws if available in other countries.

Certain of our future products may be regulated by FDA as combination products. Combination products are products comprised of a combination of two or more different types of components, e.g., drug/device, device/biologic, drug/device/biologic, or are comprised of two or more separate different types of products packaged together for use, or two or more different types of products packaged separately but labeled for use in combination with one another. The regulation of a combination product is determined by the product's primary mode of action; for example, a combination drug/device that has a primary mode of action as a drug would be regulated by the Center for Drugs under a new drug application. In some cases, however, consultative reviews and/or separate approvals by each agency Center with jurisdiction over a component may be required. The product designation, approval pathway, and submission requirements for a combination product may be difficult to predict, and the approval process may be fraught with unanticipated delays and difficulties. In addition, post-approval requirements may be more extensive than for single entity products. Even if products such as ProstaScint or Quadramet that we intend to develop for use with other separately regulated products are not regulated as combination products, they may be subject to similar multi-Center consultative reviews and additional post-market requirements.

Once a product is approved by the FDA, we are required to maintain approval status of the product by providing certain updated safety and efficacy information at specified intervals. Product changes as well as any change in a manufacturing process or equipment that has a substantial potential to adversely affect the safety or effectiveness of the product for a drug or biologic, or, for a device, the use of a different facility for manufacturing where such change affects safety and effectiveness, would necessitate additional FDA review and approval. Post approval changes in labeling, packaging or promotional materials may also necessitate further FDA review and approval. Additionally, we are required to meet other requirements specified by the FDA Act including but not limited to cGMPs, enforced by periodic inspections, adverse event reporting, requirements governing labeling and promotional materials, and the maintenance of records. Failure to comply with these requirements or the occurrence of unanticipated safety effects from the products during commercial marketing, could lead to the need for product marketing restriction, product withdrawal or recall, or other voluntary or FDA-initiated action, which could delay further marketing until the products are brought into compliance. Similar laws and regulations apply in most foreign countries where these products may be

Violations of the FDC Act, Public Health Service Act, or regulatory requirements at any time during the product development process, approval process, or after approval may result in agency enforcement actions, including voluntary or mandatory recall, license suspension or revocation, premarket approval withdrawal, seizure of products, fines, injunction and/or civil or criminal penalties. Any agency enforcement action could have a material adverse effect on us.

Orphan Drug Act

The Orphan Drug Act is intended to provide incentives to manufacturers to develop and market drugs and biologics for rare diseases or conditions affecting fewer than 200,000 persons in the United States at the time of application for orphan drug designation. A drug that receives orphan drug designation and is the first product to receive FDA marketing approval for a particular indication is entitled to orphan drug status, which confers a seven-year exclusive marketing period in the United States for that indication. Clinical testing requirements for orphan drugs are the same as those for products that have not received orphan drug designation but manufacturers may receive grants or tax credits for research, as well as protocol assistance. Under the Orphan Drug Act, the FDA cannot approve any application by another party to market an identical product for treatment of an identical indication unless the holder consents, the party has a license from the holder of orphan drug status, or the holder of orphan drug status is unable to assure an adequate supply of the drug. However, a drug that is considered by FDA to be different from a particular orphan drug is not

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barred from sale in the United States during the seven-year exclusive marketing period even if it receives marketing approval for the same product claim. In addition, holders of orphan drug status must notify FDA of any decision to discontinue active pursuit of drug approval or biologics license, or, if such approval or license is in effect, notify FDA at least one year prior to any discontinuance of product production.

Fraud and Abuse

We are subject to various federal and state laws pertaining to health care fraud and abuse, including anti-kickback laws and physician self-referral laws. Violations of these laws are punishable by criminal and/or civil sanctions, including, in some instances, imprisonment and exclusion from participation in federal and state health care programs, including Medicare, Medicaid and VA health programs. Because of the far-reaching nature of these laws, there can be no assurance that the occurrence of one or more violations of these laws would not result in a material adverse effect on our financial condition and results of operations.

Anti-Kickback Laws. Our operations are subject to federal and state anti-kickback laws. Certain provisions of the Social Security Act, that are commonly known collectively as the Medicare Fraud and Abuse Statute, prohibit entities, such as us, from knowingly and willingly offering, paying, soliciting or receiving any form of remuneration in return for the referral of items or services reimbursable by any federal health care program, or in return for the recommendation, arrangement, purchase, lease or order of items or services that are covered by federal health care programs. Violation of the Medicare Fraud and Abuse Statute is a felony, punishable by fines up to \$25,000 per violation and imprisonment for up to five years or both. In addition, the Department of Health and Human Services may impose civil penalties of up to \$50,000 per act and up to three times the remuneration offered and exclude violators from participation in Medicare or state health programs. Many states have adopted similar prohibitions against payments intended to induce referrals to Medicaid and other third party payor patients.

Physician Self-Referral Laws. We are also subject to federal and state physician self-referral laws. Federal physician self-referral legislation (known as the Stark law) prohibits, subject to certain exceptions, a physician from referring Medicare or Medicaid patients to an entity providing "designated health services including, among other things, certain radiology and radiation therapy services, and clinical laboratory services" in which the physician or a member of his immediate family has an ownership or investment interest, or with which the physician has entered into a compensation arrangement. The Stark law also prohibits the entity receiving the referral from billing any good or service

furnished pursuant to an unlawful referral. The penalties for violations include a prohibition on payment by these government programs and civil penalties of as much as \$15,000 for each violative referral and \$100,000 for participation in a circumvention scheme." Various state laws also contain similar provisions and penalties.

False Claims Laws. Under separate statutes, submission of claims for payment that are false or fraudulent may lead to civil money penalties, criminal fines and imprisonment, and/or exclusion from participation in Medicare, Medicaid and other federally funded state health programs. These false claims statutes include the Federal False Claims Act, which allows any person to bring suit alleging false or fraudulent Medicare or Medicaid claims or other violations of the statute and to share in any amounts paid by the entity to the government in fines or settlement. Such suits, known as qui tam actions, have increased significantly in recent years causing greater numbers of health care companies to have to defend a false claim action, pay fines or be excluded from the Medicare, Medicaid or other federal or state health care programs as a result of any investigation arising out of such action.

Other regulations

In addition to regulations enforced by FDA, and federal and state laws pertaining to health care fraud and abuse, we are also subject to regulation under the state and local authorities and other federal statutes and agencies including the Occupational Safety and Health Act, the Environmental Protection Act, the Toxic Substances Control Act, the Resource Conservation and Recovery Act and the Nuclear Regulatory Commission.

Foreign regulatory approval

The regulatory approval process in Europe has changed over the past few years. There are two regulatory approval processes in Europe for products developed by us. Beginning in 1995, the centralized procedure became mandatory for all biotechnology products. Under this regulatory scheme, the application is reviewed by two scientific project leaders referred to as the rapporteur and co-rapporteur, respectively. Their roles are to prepare assessment reports of safety and efficacy and for recommending the approval for full European Union marketing.

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The second regulatory scheme, referred to as the Mutual Recognition Procedure, is a process whereby a product's national registration in one member state within the European Union may be "mutually recognized" by other member states within the European Union.

Substantial requirements, comparable in many respects to those imposed under the Food Drug and Cosmetic Act, will have to be met before commercial sale is permissible in most countries. There can be no assurance, however, as to whether or when governmental approvals, other than those already obtained, will be obtained or as to the terms or scope of those approvals.

HEALTH CARE REIMBURSEMENT

Our business, financial condition and results of operations will continue to be affected by the efforts of governments and third-party payors to contain or reduce the costs of healthcare through various means. There have been, and we expect that there will continue to be, federal and state proposals to implement government control of pricing and profitability of therapeutic and diagnostic imaging agents. The Centers for Medicare and Medicaid Services (CMS) have introduced significant changes in product descriptors, codes and reimbursement values. Although it is not possible to predict or identify all of the risks

relating to such changes, we believe that such risks include, but are not limited to: (i) increasing price pressures (including those imposed by rules and practices of managed care groups and institutional and governmental purchasers); and (ii) judicial decisions and government laws related to Medicare, Medicaid, healthcare reform, radiopharmaceutical, pharmaceutical and device reimbursement, and price in general. In addition, an increasing emphasis on managed care has and will continue to increase the pressure on pricing of these products. While we cannot predict whether legislative or regulatory proposals will be adopted or the effects proposals or managed care efforts may have on our business, the announcement of proposals and the adoption of proposals or efforts could have a material adverse effect on our business, financial condition and results of operations. Further, to the extent proposals or efforts have a material adverse effect on other companies that are our prospective corporate partners, our ability to establish strategic alliances may be materially and adversely affected. In certain foreign markets, the pricing and profitability of our products generally are subject to government controls.

Sales of our products depend in part on the availability of reimbursement to the consumer from third-party payors, including Medicare, Medicaid, and private health insurance plans. Third-party payors are increasingly challenging the reimbursement values of medical products and services. To the extent we succeed in bringing products to market, we cannot assure you that these products will be considered cost-effective and that reimbursement to consumers will be available or sufficient to allow us to sell our products on a competitive basis. Reimbursement by a third-party payor may depend on a number of factors, including the payor's determination that our products are clinically useful and cost-effective, medically necessary and not experimental or investigational. Since reimbursement approval is required from each payor individually, seeking approvals can be a time consuming and costly process which could require us to provide supporting scientific, clinical and cost-effectiveness data for the use of our products to each payor separately. If we or our collaborators are unable to secure adequate third party reimbursement for our products, there would be material adverse effect on its business, financial condition and results of operations.

CUSTOMERS

During the year ended December 31, 2002, we received 55% of our total revenues from four customers, as follows: 16% from Berlex Laboratories, 18% from Mallinckrodt Medical, Inc., 12% from Medi-Physics and 9% from Syncor International Corporation (now Cardinal Health Nuclear Pharmacy Services).

EMPLOYEES

As of March 1, 2003, we employed 49 persons, 48 of whom are employed full-time and 1 of whom is employed part-time. Of such 49 persons, 6 were employed in our subsidiary, AxCell, 2 in regulatory, 5 in clinical activities, 12 in administration and management, and 24 in marketing and sales. The employees in marketing and sales included 6 Regional Oncology Specialists and 12 Regional and Territory Managers. We believe that we have been successful in attracting skilled and experienced employees. None of our employees is covered by a collective bargaining agreement. All of our employees have executed confidentiality agreements. We consider relations with our employees to be excellent.

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ADDITIONAL FACTORS THAT MAY AFFECT FUTURE RESULTS

Investing in our common stock involves a high degree of risk. You should carefully consider the following risks and uncertainties described below together with the other information included or incorporated by reference in

this Annual Report on Form 10-K in your decision as to whether to invest in our common stock. If any of the following risks or uncertainties actually occur, our business, financial condition and operating results could be significantly and adversely affected. If that happens, the price of our common stock could decline, and you could lose all or part of your investment.

We Have a History of Operating Losses and an Accumulated Deficit and Expect To Incur Losses in the Future.

We have a history of operating losses since our inception. We had a net loss of \$15.7 million for the year ended December 31, 2002 and had a net loss of \$12.1 million for the year ended December 31, 2001. The loss for the year ended December 31, 2002 included: (i) a \$2.9 million charge for our share of development costs at the PSMA Development Company LLC, a joint venture with Progenics for the development of in vivo immunotherapies utilizing the prostate specific membrane antigen, or PSMA; (ii) a non-cash charge of \$1.7 million to write-off the carrying value of the licensing fees associated with BrachySeed I-125 and BrachySeed Pd-103; (iii) a non-cash milestone payment of \$2.0 million related to the progress of ex vivo dendritic cell prostate cancer clinical trials at Northwest Biotherapeutics, Inc.; (iv) a non-cash charge of \$516,000 resulting from an other than temporary decline in the fair value of an investment in Northwest Biotherapeutics, $\,$ Inc. common stock; and (v) a charge of \$869,000 related to the restructuring of our AxCell Biosciences subsidiary in September 2002. Beginning in December 2001, we began to equally share the costs of the PSMA Development Company LLC and we expect to incur significant and increasing costs in the future to fund our share of the joint venture. We had a net loss of \$27.3 million for the year ended December 31, 2000 which included one-time, non-cash charges of \$13.1 million for the acquisition of product candidate rights and \$4.3 million for the cumulative effect of an accounting change following the adoption of Securities and Exchange Commission Staff Accounting Bulletin No. 101. We had an accumulated deficit of \$356.4 million as of December 31, 2002.

In order to develop and commercialize our technologies, particularly our prostate specific membrane antigen, or PSMA, technology, and expand our oncology products, we expect to incur significant increases in our expenses over the next several years. As a result, we will need to generate significant additional revenue to become profitable.

Our ability to generate and sustain significant additional revenues or achieve profitability will depend upon the factors discussed elsewhere in this "Additional Factors That May Affect Future Results" Section, as well as numerous other factors outside of our control, including:

- development of competing products that are more effective or less costly than ours;
- our ability to develop and commercialize our own products and technologies; and
- our ability to achieve increased sales for our existing products and sales for any new products.

As a result, we may never be able to generate or sustain significant additional revenue or achieve profitability.

We Are Heavily Dependent On Market Acceptance Of ProstaScint and Quadramet For Near-Term Revenues.

We expect ProstaScint and Quadramet to account for a significant percentage of our product-related revenues in the near future. For the year ended December 31, 2002, revenues from ProstaScint and Quadramet accounted for approximately 78% of

our product related revenues. In 2002, our product-related revenue included revenue from BrachySeed, which accounted for 20% of our product related revenue. In January 2003, we served notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with Draximage with respect to both the BrachySeed I-125 and BrachySeed Pd-103 products. As a result, effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed products.

Because our marketed products contribute the majority of our product-related revenues, our business, financial condition and results of operations depend on their acceptance as safe, effective and cost-efficient alternatives to other available treatment and diagnostic protocols by the medical community, including:

- health care providers, such as hospitals and physicians; and

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- third-party payors, including Medicare, Medicaid, private insurance carriers and health maintenance organizations.

Our customers, including technologists and physicians, must successfully complete our Partners in Excellence Program, or PIE Program, a proprietary training program designed to promote the correct acquisition and interpretation of ProstaScint images. This product is technique dependent and requires a learning commitment on the part of users. We cannot assure you that additional technologists and physicians will make this commitment or otherwise accept this product as part of their treatment practices.

Berlex Laboratories, Inc. markets Quadramet in the United States through an agreement with us entered into in October 1998. We cannot assure you that Berlex will be able to successfully market Quadramet or that this agreement will result in significant revenues for us in the future.

We cannot assure you that ProstaScint or Quadramet will achieve additional market acceptance on a timely basis, or at all. If ProstaScint or Quadramet do not achieve broader market acceptance, we may not be able to generate sufficient revenue to become profitable.

The Reduced Workforce At AxCell May Not Be Able To Implement AxCell's Business

In September 2002, we implemented the restructuring of our subsidiary, AxCell Biosciences Corporation, in an effort to reduce expenses and position Cytogen for stronger long-term growth in oncology. As a result, we reduced our staff at AxCell by seventy-five percent, suspended certain projects at AxCell and implemented other cost-saving measures.

The technologies under development at AxCell are complex and remain commercially unproven. Even if we are able to develop and commercialize a product through AxCell, there are a limited number of pharmaceutical companies and biotechnology companies that are potential customers for such technology or product.

Although we believe that we have retained the AxCell personnel who are key to achieving AxCell's goals and implementing its strategies, we cannot be certain that such reduced workforce will be able to implement AxCell's current business plan. The further loss of any of AxCell's personnel could have a material adverse effect on AxCell's ability to achieve its goals.

We May Need To Raise Additional Capital, Which May Not Be Available.

We have incurred negative cash flows from operations since inception. We

expended, and will need to continue to expend, substantial funds to complete our planned product development efforts, including our PSMA programs. Our future capital requirements and the adequacy of our available funds depend on many factors, including:

- successful commercialization of our products;
- acquisition of complementary products and technologies;
- magnitude, scope and results of our product development efforts;
- progress of preclinical studies and clinical trials;
- progress toward regulatory approval for our products;
- costs of filing, prosecuting, defending and enforcing patent claims and other intellectual property rights;
- competing technological and market developments; and
- expansion of strategic alliances for the sale, marketing and distribution of our products.

We may raise additional capital through public or private equity offerings, debt financings or additional collaborations and licensing arrangements. Additional financing may not be available to us when needed, or, if available, we may not be able to obtain financing on terms favorable to our stockholders or us. If we raise additional capital by issuing equity securities, the issuance will result in ownership dilution to our stockholders. If we raise additional funds through

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collaborations and licensing arrangements, we may be required to relinquish rights to certain of our technologies or product candidates or to grant licenses on unfavorable terms. If we relinquish rights or grant licenses on unfavorable terms, we may not be able to develop or market products in a manner that is profitable to us. If adequate funds are not available, we may not be able to conduct research activities, preclinical studies, clinical trials or other activities relating to the successful commercialization of our products on a timely basis, if at all, with the result that our business could be significantly and adversely affected.

Our Products, Generally, Are In The Early Stages Of Development And Commercialization And We May Never Achieve The Revenue Goals Set Forth In Our Business Plan.

We began operations in 1980 and have been engaged primarily in research directed toward the development, commercialization and marketing of products to improve diagnosis and treatment of cancer and other diseases. In October 1996, we introduced for commercial use our ProstaScint imaging agent. In March 1997, we introduced for commercial use our Quadramet therapeutic product. In 2001, we launched the iodine version of BrachySeed. In May 2002, we launched the palladium version of BrachySeed. In November 2002, we began promoting NMP22 BladderChek to urologists in the United States. In January 2003, we discontinued our marketing and sale of the BrachySeed products.

Our PSMA technologies are still in the early stages of development. We have significantly reduced operations at our AxCell subsidiary, which is responsible for the development certain of our technologies. We may be unable to develop or commercialize these products and technologies.

Our business is therefore subject to the risks inherent in the development of an

early stage biopharmaceutical business enterprise, such as the need:

- to obtain sufficient capital to support the expenses of developing our technology and commercializing our products;
- to ensure that our products are safe and effective;
- to obtain regulatory approval for the use and sale of our products;
- to manufacture our products in sufficient quantities and at a reasonable cost;
- to develop a sufficient market for our products; and
- to attract and retain qualified management, sales, technical and scientific staff.

The problems frequently encountered using new technologies and operating in a competitive environment also may affect our business. If we fail to properly address these risks and attain our business objectives, our business could be significantly and adversely affected.

Our PSMA Product Development Program Is Novel And, Consequently, Inherently Risky.

We are subject to the risks of failure inherent in the development of product candidates based on new technologies, including our PSMA technology. These risks include the possibility that:

- the technologies we use will not be effective;
- our product candidates will be unsafe;
- our product candidates will fail to receive the necessary regulatory approvals;
- the product candidates will be hard to manufacture on a large scale or will be uneconomical to market; and
- we will not successfully overcome technological challenges presented by our potential new products.

Our other research and development programs involve similarly novel approaches to human therapeutics. Consequently, there is no precedent for the successful commercialization of therapeutic products based on our PSMA technologies. We

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cannot assure you that any products will be successfully developed from our PSMA technology. If we fail to develop such products for the reasons set forth above or for any other reason, our business could be significantly and adversely affected.

All of Our Potential Oncology Products Will Be Subject To The Risks Of Failure Inherent In The Development Of Diagnostic Or Therapeutic Products Based On New Technologies.

Product development for cancer treatment involves a high degree of risk. We cannot assure you that the product candidates we develop, pursue or offer will prove to be safe and effective, will receive the necessary regulatory approvals, will not be precluded by proprietary rights of third parties or will ultimately achieve market acceptance. These product candidates will require substantial

additional investment, laboratory development, clinical testing and regulatory approvals prior to their commercialization. We cannot assure you that we will not experience difficulties that could delay or prevent the successful development, introduction and marketing of new products.

Before we obtain regulatory approvals for the commercial sale of any of our products under development, we must demonstrate through preclinical studies and clinical trials that the product is safe and efficacious for use in each target indication. The results from preclinical studies and early clinical trials may not be predictive of results that will be obtained in large-scale testing. We cannot assure you that our clinical trials will demonstrate the safety and efficacy of any products or will result in marketable products. A number of companies in the biotechnology industry have suffered significant setbacks in advanced clinical trials, even after promising results in earlier trials. Clinical trials or marketing of any potential diagnostic or therapeutic products may expose us to liability claims for the use of these diagnostic or therapeutic products. We may not be able to maintain product liability insurance or sufficient coverage may not be available at a reasonable cost. In addition, as we develop diagnostic or therapeutic products internally, we will have to make significant investments in diagnostic or therapeutic product development, marketing, sales and regulatory compliance resources. We will also have to establish or contract for the manufacture of products, including supplies of drugs used in clinical trials, under the current Good Manufacturing Practices, or cGMP, of the FDA. We also cannot assure you that product issues will not arise following successful clinical trials and FDA approval.

The rate of completion of clinical trials also depends on the rate of patient enrollment. Patient enrollment depends on many factors, including the size of the patient population, the nature of the protocol, the proximity of patients to clinical sites and the eligibility criteria for the study. Delays in planned patient enrollment may result in increased costs and delays, which could have a harmful effect on our ability to develop the products in our pipeline. If we are unable to develop and commercialize products on a timely basis or at all, our business could be significantly and adversely affected.

Competition In Our Field Is Intense And Likely To Increase.

We face, and will continue to face, intense competition from one or more of the following entities:

- pharmaceutical companies;
- biotechnology companies;
- bioinformatics companies;
- diagnostic companies;
- academic and research institutions; and
- government agencies.

All of our lines of business are subject to significant competition from organizations that are pursuing technologies and products that are the same as or similar to our technology and products. Many of the organizations competing with us have greater capital resources, research and development staffs and facilities and marketing capabilities.

Before we recover development expenses for our products and technologies, the products or technologies may become obsolete as a result of technological developments by others or us. Our products could also be made obsolete by new technologies, which are less expensive or more effective. We may not be able to

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make the enhancements to our technology necessary to compete successfully with newly emerging technologies and failure to do so could significantly and adversely affect our business.

We Rely Heavily On Our Collaborative Partners.

Our success depends in significant part upon the success of our collaborative partners. We have entered into the following agreements for the sale, marketing, distribution and manufacture of our products, product candidates and technologies:

- license from The Dow Chemical Company relating to the Quadramet technology;
- sub-license and marketing agreement with Berlex Laboratories, Inc. relating to the Quadramet technology which we licensed from The Dow Chemical Company;
- agreement for manufacture of Quadramet by Bristol Myers Squibb (formerly The DuPont Pharmaceuticals Company);
- joint venture with Progenics Pharmaceuticals for the development of PSMA for in vivo immunotherapy for prostate and other cancers;
- licensing agreement with Molecular Staging for technology to be used in developing in vitro diagnostic tests using PSMA and prostate specific antigen, or PSA;
- a Supply Agreement with Laureate Pharma L.P. for the production of our ProstaScint product;
- an agreement with Matritech to market and distribute NMP22 BladderChek to urologists and oncologists in the United States;
- marketing, license and supply agreements with Advanced Magnetics, Inc. related to Combidex and Code 7228;
- a License Agreement between our joint venture, PSMA Development Company LLC, and AlphaVax Human Vaccines, Inc.; and
- a Collaboration Agreement between our joint venture and Abgenix, Inc.

Because our collaborative partners are responsible for certain of our sales, marketing, manufacturing and distribution activities, these activities are outside our direct control. We cannot assure you that our partners will perform their obligations under these agreements with us or that our partners will not enter into arrangements with third parties that may negatively impact the economic benefit we hope to derive from their agreements with us. For example, Matritech retained the ability to market its NMP22 BladderChek to primary care physicians and others and has begun such marketing efforts. In the event that our collaborative partners do not successfully market and sell our products, are entitled to enter into third party arrangements that may economically disadvantage us, or breach their obligations under our agreements, our products may not be commercially successful, any success may be delayed and new product development could be inhibited with the result that our business could be significantly and adversely affected.

Our Business Could Be Harmed If Our Collaborative Arrangements Expire Or Are Terminated Early.

We cannot assure you that we will be able to maintain our existing collaborative arrangements. If they expire or are terminated, we cannot assure you that they will be renewed or that new arrangements will be available on acceptable terms, if at all. In January 2003, we provided Draximage Inc. with notice of our intent to terminate our Product Manufacturing and Supply Agreement and License Agreement with Draximage relating to the BrachySeed products.

In addition, we cannot assure you that any new arrangements or renewals of existing arrangements will be successful, that the parties to any new or renewed agreements will perform adequately or that any former or potential collaborators will not compete with us.

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We cannot assure you that our existing or future collaborations will lead to the development of product candidates or technologies with commercial potential, that we will be able to obtain proprietary rights or licenses for proprietary rights for our product candidates or technologies developed in connection with these arrangements or that we will be able to ensure the confidentiality of proprietary rights and information developed in such arrangements or prevent the public disclosure thereof.

The Termination Of One Or More License Agreements That Are Important In The Manufacture Of Our Current Products And New Product Research And Development Activities Would Harm Our Business.

We are a party to license agreements under which we have rights to use technologies owned by other companies in the manufacture of our products and in our proprietary research, development and testing processes. We are the exclusive licensee of certain patents and patent applications held by the University of North Carolina at Chapel Hill covering part of the technology used in the proteomics program and of certain patents and patent applications held by the Memorial Sloan-Kettering Institute covering PSMA. We also depend upon the enforceability of our license with The Dow Chemical Company with respect to Quadramet. If the licenses were terminated, we may not be able to find suitable alternatives to this technology on a timely basis or on reasonable terms, if at all. The loss of the right to use these technologies that we have licensed would significantly and adversely affect our business.

We Have Limited Sales, Marketing And Distribution Capabilities For Our Products.

We have established an internal sales force that is responsible for marketing and selling ProstaScint and NMP22 BladderChek. However, such internal sales force has limited sales, marketing and distribution capabilities for our products, compared to those of many of our competitors. We depend on Berlex Laboratories, Inc. for the sale, marketing and distribution of Quadramet in the United States. In locations outside the United States, we have not established a selling presence. If we are unable to establish and maintain significant sales, marketing and distribution efforts, either internally or through arrangements with third parties, our business may be significantly and adversely affected.

There Are Risks Associated With The Manufacture And Supply Of Our Products.

If we are to be successful, our products will have to be manufactured by contract manufacturers in compliance with regulatory requirements and at costs acceptable to us. We cannot assure you that we will be able to arrange for the manufacture of our products on commercially reasonable terms. If we are unable to successfully arrange for the manufacture of our products and product candidates, we will not be able to successfully commercialize our products and our business will be significantly and adversely affected.

ProstaScint was manufactured at a cGMP compliant manufacturing facility operated by Laureate Pharma L.P. (formerly Bard BioPharma L.P.). We had access to Purdue's facility for continued manufacturing of the product until January 2002. We have built our inventory of ProstaScint to meet our product requirements in the short term. We entered into a Development and Manufacturing Agreement with DSM in July 2000, which we intended would replace our arrangement with Laureate with respect to ProstaScint. We entered into a new Contract Manufacturing Agreement with Laureate Pharma L.P. in January 2003. Our failure to maintain a long term supply agreement on commercially reasonable terms will have a material adverse effect on our business, financial condition and results of operations.

Quadramet is manufactured by Bristol-Myers Squibb (BMS) (formerly DuPont), pursuant to an agreement with both Berlex and Cytogen. Some components of Quadramet, particularly Samarium153 and EDTMP, are provided to BMS by outside suppliers. Due to radioactive decay, Samarium153 must be produced on a weekly basis. BMS obtains its requirements for Samarium153 from one supplier. Alternative sources for these components may not be readily available. If BMS cannot obtain sufficient quantities of the components on commercially reasonable terms, or in a timely manner, it would be unable to manufacture Quadramet on a timely and cost-effective basis, which could have a material adverse effect on our business, financial condition and results of operations.

Pursuant to the terms of our distribution agreement with Matritech, we rely on Matritech as the sole supplier of NMP22 BladderChek. Matritech uses independent contractors to manufacture the product. If Matritech fails to, or is unable to provide the product, we could experience a material adverse effect on our business, financial condition and results of operations.

The Company, our contract manufacturers and testing laboratories are required to adhere to United States Food & Drug Administration regulations setting forth requirements for cGMP, and similar regulations in other countries, which include

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extensive testing, control and documentation requirements. Ongoing compliance with cGMP, labeling and other applicable regulatory requirements is monitored through periodic inspections and market surveillance by state and federal agencies, including the FDA, and by comparable agencies in other countries. Failure of our contract vendors or us to comply with applicable regulations could result in sanctions being imposed on us, including fines, injunctions, civil penalties, failure of the government to grant premarket clearance or premarket approval of drugs, delays, suspension or withdrawal of approvals, seizures or recalls of products, operating restrictions and criminal prosecutions any of which could significantly and adversely affect our business.

Failure Of Consumers To Obtain Adequate Reimbursement From Third-Party Payors Could Limit Market Acceptance And Affect Pricing Of Our Products.

Our business, financial condition and results of operations will continue to be affected by the efforts of governments and other third-party payors to contain or reduce the costs of healthcare. There have been, and we expect that there will continue to be, a number of federal and state proposals to implement government control of pricing and profitability of therapeutic and diagnostic imaging agents such as our products. In addition, an emphasis on managed care increases possible pressure on pricing of these products. While we cannot predict whether these legislative or regulatory proposals will be adopted, or the effects these proposals or managed care efforts may have on our business, the announcement of these proposals and the adoption of these proposals or efforts could affect our stock price or our business. Further, to the extent these proposals or efforts have an adverse effect on other companies that are our prospective corporate partners, our ability to establish necessary strategic alliances may be harmed.

Sales of our products depend in part on reimbursement to the consumer from third-party payors, including Medicare, Medicaid and private health insurance plans. Third-party payors are increasingly challenging the prices charged for medical products and services. We cannot assure you that our products will be considered cost-effective and that reimbursement to consumers will continue to be available, or will be sufficient to allow us to sell our products on a competitive basis. Approval of our products for reimbursement by a third-party payor may depend on a number of factors, including the payor's determination that our products are clinically useful and cost-effective, medically necessary and not experimental or investigational. Reimbursement is determined by each payor individually and in specific cases. The reimbursement process can be time consuming. If we cannot secure adequate third-party reimbursement for our products, our business could be significantly and adversely affected.

If We Are Unable To Comply With Applicable Governmental Regulation We May Not Be Able To Continue Our Operations.

Any products tested, manufactured or distributed by us or on our behalf pursuant to FDA approvals are subject to pervasive and continuing regulation by numerous regulatory authorities, including primarily the FDA. We may be slow to adapt, or we may never adapt to changes in existing requirements or adoption of new requirements or policies. Our failure to comply with regulatory requirements could subject us to enforcement action, including product seizures, recalls, withdrawal, suspension, or revocation of approvals, restrictions on or injunctions against marketing our products based on our technology, and civil and criminal penalties. We cannot assure you that we will not be required to incur significant costs to comply with laws and regulations in the future or that laws or regulations will not create an unsustainable burden on our business.

Numerous federal, state and local governmental authorities, principally the FDA, and similar regulatory agencies in other countries, regulate the preclinical testing, clinical trials, manufacture and promotion of any compounds or agents we or our collaborative partners develop, and the manufacturing and marketing of any resulting drugs. The product development and regulatory approval process is lengthy, expensive, uncertain and subject to delays.

The regulatory risks we face also include the following:

- any compound or agent we or our collaborative partners develop must receive regulatory agency approval before it may be marketed as a drug in a particular country;
- the regulatory process, which includes preclinical testing and clinical trials of each compound or agent in order to establish its safety and efficacy, varies from country to country, can take many years and requires the expenditure of substantial resources;

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- in all circumstances, approval of the use of previously unapproved radioisotopes in certain of our products requires approval of either the Nuclear Regulatory Commission or equivalent state regulatory agencies. A radioisotope is an unstable form of an element which undergoes radioactive decay, thereby emitting radiation which may be used, for example, to image or destroy harmful growths or tissue. We cannot assure you that such approvals will be obtained on a timely basis, or at all;
- data obtained from preclinical and clinical activities are susceptible to varying interpretations which could delay, limit or prevent

regulatory agency approval; and

delays or rejections may be encountered based upon changes in regulatory agency policy during the period of product development and/or the period of review of any application for regulatory agency approval. These delays could adversely affect the marketing of any products we or our collaborative partners develop, impose costly procedures upon our activities, diminish any competitive advantages we or our collaborative partners may attain and adversely affect our ability to receive royalties.

We cannot assure you that, even after this time and expenditure, regulatory agency approvals will be obtained for any compound or agent developed by or in collaboration with us. Moreover, regulatory agency approval for a product or agent may entail limitations on the indicated uses that could limit the potential market for any such product. Furthermore, if and when such approval is obtained, the marketing, manufacture, labeling, packaging, reporting, storage, advertising and promotion and record keeping related to our products would remain subject to extensive regulatory requirements. Discovery of previously unknown problems with a drug, its manufacture or its manufacturer may result in restrictions on such drug, manufacture or manufacturer, including withdrawal of the drug from the market. Failure to comply with regulatory requirements could result in fines, injunctions, seizures, recalls, suspension or withdrawal of regulatory approvals, operating restrictions and criminal prosecution.

The United States Food, Drug and Cosmetics Act requires (i) that our products be manufactured in FDA registered facilities subject to inspection, and (ii) that we comply with cGMP, which imposes certain procedural and documentation requirements upon us and our manufacturing partners with respect to manufacturing and quality assurance activities. If we or our contract partners do not comply with cGMP we may be subject to sanctions, including fines, injunctions, civil penalties, recalls or seizures of products, total or partial suspension of production, product recalls, failure of the government to grant premarket clearance or premarket approval for drugs, withdrawal of marketing approvals and criminal prosecution.

We Could Be Negatively Impacted By Future Interpretation Or Implementation Of Federal And State Fraud And Abuse Laws, Including Anti-Kickback Laws, The Federal Stark Law And Other Federal And State Anti-referral Laws.

We are subject to various federal and state laws pertaining to health care fraud and abuse, including anti-kickback laws and physician self-referral laws. Violations of these laws are punishable by criminal and/or civil sanctions, including, in some instances, imprisonment and exclusion from participation in federal and state health care programs, including Medicare, Medicaid and Veterans Administration health programs. We have not been challenged by a governmental authority under any of these laws and believe that our operations are in compliance with such laws. However, because of the far-reaching nature of these laws, we may be required to alter one or more of our practices to be in compliance with these laws. Health care fraud and abuse regulations are complex and even minor, inadvertent irregularities can potentially give rise to claims that the statute has been violated. Any violations of these laws could result in a material adverse effect on our business, financial condition and results of operations. If there is a change in law, regulation or administrative or judicial interpretations, we may have to change our business practices or our existing business practices could be challenged as unlawful, which could have a material adverse effect on our business, financial condition and results of operations.

We could become subject to false claims litigation under federal statutes, which can lead to civil money penalties, criminal fines and imprisonment, and/or exclusion from participation in Medicare, Medicaid and other federal and state

health care programs. These false claims statutes include the False Claims Act, which allows any person to bring suit alleging false or fraudulent claims under federal programs or contracts claims or other violations of the statute and to share in any amounts paid by the entity to the government in fines or settlement. Such suits, known as qui tam actions, have increased significantly in recent years and have increased the risk that a health care company will have to defend a false claim action, pay fines or be excluded from the Medicare program, Medicaid programs or other federal and state health care programs as a result of an investigation arising out of such action. We cannot assure you that we will not become subject to such litigation or, if we are not successful in

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defending against such actions, that such actions will not have a material adverse effect on our business, financial condition and results of operations.

We Depend On Attracting And Retaining Key Personnel.

We are highly dependent on the principal members of our management and scientific staff. The loss of their services might significantly delay or prevent the achievement of development or strategic objectives. Our success depends on our ability to retain key employees and to attract additional qualified employees. Competition for personnel is intense, and we cannot assure you that we will be able to retain existing personnel or attract and retain additional highly qualified employees in the future.

During 2002, we announced numerous changes to members of our senior management. H. Joseph Reiser, Ph.D. who held the position of President and Chief Executive Officer of the Company from April 1998 until December 2002, was replaced by Michael D. Becker, our former Vice President of Business Development. Mr. Becker was also unanimously elected to serve on our Board of Directors. Dr. Reiser has remained a member of our Board of Directors. In addition, Lawrence R. Hoffman, our Vice President and Chief Financial Officer since July 2000, left the Company to pursue other opportunities as of December 31, 2002. Ms. Thu Dang, our Director of Finance, was subsequently promoted to Vice President of Finance.

Additionally, in the first quarter of 2003: (i) William Goeckeler, our Vice President of Research and Development, was promoted to Vice President of Operations; (ii) Deborah Kaminsky, our Vice President of Sales and Marketing, will shift her work focus, and will serve as our Vice President of Business Development; (iii) Rita Auld, our Director of Human Resources, was promoted to Vice President of Human Resources and Administration and Corporate Secretary; and (iv) Corey Jacklin assumed the responsibilities of Senior Director of Sales.

We have an employee retention agreement with our President and Chief Executive Officer, Michael D. Becker. We do not have similar retention agreements with our other key personnel. If we are unable to hire and retain personnel in key positions, our business could be significantly and adversely affected unless qualified replacements can be found.

Our Business Exposes Us To Potential Liability Claims That May Exceed Our Financial Resources, Including Our Insurance Coverage, And May Lead To The Curtailment Or Termination Of Our Operations.

Our business is subject to product liability risks inherent in the testing, manufacturing and marketing of our products. We cannot assure you that product liability claims will not be asserted against us, our collaborators or our licensees. While we currently maintain product liability insurance in amounts we believe are adequate, we cannot assure you that such coverage will be adequate to protect us against future product liability claims or that product liability insurance will be available to us in the future on commercially reasonable terms, if at all. Furthermore, we cannot assure you that we will be able to

avoid significant product liability claims and adverse publicity. If liability claims against us exceed our financial resources we may have to curtail or terminate our operations.

Our Business Involves Environmental Risks That May Result In Liability.

We are subject to a variety of local, state, federal and foreign government regulations relating to storage, discharge, handling, emission, generation, manufacture and disposal of toxic, infectious or other hazardous substances used to manufacture our products. If we fail to comply with these regulations, we could be liable for damages, penalties or other forms of censure and our business could be significantly and adversely affected.

Our Intellectual Property Is Difficult To Protect.

Our business and competitive positions are dependent upon our ability to protect our proprietary technology. Because of the substantial length of time and expense associated with development of new products, we, like the rest of the biopharmaceutical industry, place considerable importance on obtaining and maintaining patent and trade secret protection for new technologies, products and processes. We have filed patent applications for our technology for diagnostic and therapeutic products and the methods for its production and use.

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The patent positions of pharmaceutical, biopharmaceutical and biotechnology companies, including us, are generally uncertain and involve complex legal and factual questions. Our patent applications may not protect our technologies and products because, among other things:

- there is no guarantee that any of our pending patent applications will result in issued patents;
- we may develop additional proprietary technologies that are not patentable;
- there is no guarantee that any patents issued to us, our collaborators or our licensors will provide a basis for a commercially viable product;
- there is no guarantee that any patents issued to us or our collaborators will provide us with any competitive advantage;
- there is no guarantee that any patents issued to us or our collaborators will not be challenged, circumvented or invalidated by third parties; and
- there is no guarantee that any patents previously issued to others or issued in the future will not have an adverse effect on our ability to do business.

In addition, patent law in the technology fields in which we operate is uncertain and still evolving, and we cannot assure you as to the degree of protection that will be afforded any patents we are issued or license from others. Furthermore, we cannot assure you that others will not independently develop similar or alternative technologies, duplicate any of our technologies, or, if patents are issued to us, design around the patented technologies developed by us. In addition, we could incur substantial costs in litigation if we are required to defend ourselves in patent suits by third parties or if we initiate such suits. We cannot assure you that, if challenged by others in

litigation, the patents we have been issued, or which have been assigned or have been licensed from others will not be found invalid. We cannot assure you that our activities would not infringe patents owned by others. Defense and prosecution of patent matters can be expensive and time-consuming and, regardless of whether the outcome is favorable to us, can result in the diversion of substantial financial, managerial and other resources. An adverse outcome could:

- subject us to significant liability to third parties;
- require us to cease any related research and development activities and product sales; or
- require us to obtain licenses from third parties.

We cannot assure you that any licenses required under any such third-party patents or proprietary rights would be made available on commercially reasonable terms, if at all. Moreover, the laws of certain countries may not protect our proprietary rights to the same extent as the laws of the United States. We cannot predict whether us or our competitors' pending patent applications will result in the issuance of valid patents which may significantly and adversely affect our business.

We Cannot Be Certain That Our Security Measures Protect Our Unpatented Proprietary Technology.

We also rely upon trade secret protection for some of our confidential and proprietary information that is not subject matter for which patent protection is available. To help protect our rights, we require all employees, consultants, advisors and collaborators to enter into confidentiality agreements that require disclosure, and in most cases, assignment to us, of their ideas, developments, discoveries and inventions, and that prohibit the disclosure of confidential information to anyone outside Cytogen or our subsidiaries. We cannot assure you, however, that these agreements will provide adequate protection for our trade secrets, know-how or other proprietary information or prevent any unauthorized use or disclosure.

We Are Currently Subject To Patent Litigation.

On March 17, 2000, we were served with a complaint filed against us in the United States Federal Court for the District of New Jersey by M. David Goldenberg ("Goldenberg") and Immunomedics, Inc. (collectively "Plaintiffs"). The litigation claims that our Prostascint product infringes a patent purportedly owned by Goldenberg and licensed to Immunomedics. We believe that

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ProstaScint does not infringe this patent, and that the patent is invalid and unenforceable. The patent sought to be enforced in the litigation has now expired; as a result, the claim even if successful would not result in an injunction barring the continued sale of ProstaScint or affect any other of our products or technology. In addition, we have certain rights to indemnification against litigation and litigation expenses from the inventor of technology used in ProstaScint, which may be offset against royalty payments on sales of ProstaScint. However, given the uncertainty associated with litigation, we cannot give any assurance that the litigation could not result in a material expenditure to us. On December 17, 2001, Cytogen filed a motion for summary judgment of non-infringement of the asserted claims of the patent-in-suit. The Plaintiffs opposed that motion and filed their own cross-motion for summary judgment of infringement. On July 3, 2002, the Court denied both parties' summary judgment motions, with leave to renew those motions after presenting

expert testimony and legal argument based upon that testimony. Subsequently, the Court heard expert testimony and further argument, and received further briefing, and the parties' renewed summary judgment motions are pending. The Court has not indicated when it expects to issue a ruling.

Our Stock Price Has Been And May Continue To Be Volatile, And Your Investment In Our Stock Could Decline In Value Or Fluctuate Significantly.

The market prices for securities of biotechnology and pharmaceutical companies have historically been highly volatile, and the market has from time to time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. The market price of our common stock has fluctuated over a wide range and may continue to fluctuate for various reasons, including, but not limited to, announcements concerning our competitors or us regarding:

- results of clinical trials;
- technological innovations or new commercial products;
- changes in governmental regulation or the status of our regulatory approvals or applications;
- changes in earnings;
- changes in health care policies and practices;
- developments or disputes concerning proprietary rights;
- litigation or public concern as to safety of the our potential products; and
- changes in general market conditions.

These fluctuations may be exaggerated if the trading volume of our common stock is low. These fluctuations may or may not be based upon any of our business or operating results. Our common stock may experience similar or even more dramatic price and volume fluctuations which may continue indefinitely.

The following table sets forth the high and low sale prices for our common stock for each of the quarters in the period beginning January 1, 2000 through December 31, 2002 as reported on the Nasdaq National Market, and as adjusted for our one-for-ten reverse stock split effected October 25, 2002:

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| 20 | |
|----------|---|
| High | Low |
| | |
| \$218.13 | \$26.25 |
| \$106.25 | \$38.13 |
| \$113.75 | \$55.00 |
| \$71.88 | \$20.00 |
| \$65.63 | \$23.13 |
| \$61.00 | \$21.88 |
| \$53.90 | \$19.00 |
| \$45.50 | \$20.50 |
| \$34.70 | \$21.10 |
| \$22.40 | \$9.10 |
| \$11.50 | \$3.20 |
| \$8.44 | \$2.68 |
| | High \$218.13 \$106.25 \$113.75 \$71.88 \$65.63 \$61.00 \$53.90 \$45.50 \$34.70 \$22.40 \$11.50 |

We Have Adopted Various Anti-Takeover Provisions Which May Affect The Market

Price Of Our Common Stock.

Our Board of Directors has the authority, without further action by the holders of common stock, to issue from time to time, up to 5,400,000 shares of preferred stock in one or more classes or series, and to fix the rights and preferences of the preferred stock. Pursuant to these provisions, we have implemented a stockholder rights plan by which one preferred stock purchase right is attached to each share of common stock, as a means to deter coercive takeover tactics and to prevent an acquirer from gaining control of us without some mechanism to secure a fair price for all of our stockholders if an acquisition was completed. These rights will be exercisable if a person or group acquires beneficial ownership of 20% or more of our common stock and can be made exercisable by action of our board of directors if a person or group commences a tender offer which would result in such person or group beneficially owning 20% or more of our common stock. Each right will entitle the holder to buy one one-thousandth of a share of a new series of our junior participating preferred stock for \$20. If any person or group becomes the beneficial owner of 20% or more of our common stock (with certain limited exceptions), then each right not owned by the 20% stockholder will entitle its holder to purchase, at the right's then current exercise price, common shares having a market value of twice the exercise price. In addition, if after any person has become a 20% stockholder, we are involved in a merger or other business combination transaction with another person, each right will entitle its holder (other than the 20% stockholder) to purchase, at the right's then current exercise price, common shares of the acquiring company having a value of twice the right's then current exercise price.

We are subject to provisions of Delaware corporate law which, subject to certain exceptions, will prohibit us from engaging in any "business combination" with a person who, together with affiliates and associates, owns 15% or more of our common stock for a period of three years following the date that the person came to own 15% or more of our common stock unless the business combination is approved in a prescribed manner.

These provisions of the stockholder rights plan, our certificate of incorporation, and of Delaware law may have the effect of delaying, deterring or preventing a change in control of Cytogen, may discourage bids for our common stock at a premium over market price and may adversely affect the market price, and the voting and other rights of the holders, of our common stock.

The Liquidity Of Our Common Stock Could Be Adversely Affected If We Are Delisted From The Nasdaq National Market.

On August 14, 2002, we announced that we had received notification from the Nasdaq Stock Market, Inc. that our common stock had closed below the minimum \$1.00 per share requirement for the previous 30 consecutive trading days as required under Marketplace Rule 4450(a)(5). In accordance with Marketplace Rule 4450(e)(2), we were provided with 90 calendar days, or until November 12, 2002, to regain compliance by having the bid price for our common stock close at \$1.00 or greater for a minimum period of 10 consecutive trading days.

On September 26, 2002, we announced that our Board of Directors unanimously approved, and recommended to our stockholders, a proposal that would give the Board of Directors authority to effect a reverse stock split of our common stock, at a ratio of up to one-for-ten at any time prior to December 31, 2002. A special meeting of our stockholders was held on October 25, 2002 to consider such recommendation. Pursuant to the authority granted to our Board of Directors at the special meeting, on October 25, 2002, we implemented a one-for-ten reverse split of our outstanding and authorized shares of common stock.

We subsequently achieved compliance with Nasdaq Marketplace Rule 4450(a)(5), and received a letter from Nasdaq notifying us of such compliance on November 11, 2002.

We cannot assure you that we will continue to maintain compliance with this Marketplace Rule, or any other Listing Standards which may apply to us, and as such, we may once again face delisting from the Nasdaq National Market in the future. Specifically, we cannot assure you that we will be able to maintain compliance with the minimum equity and market value of listed securities requirements for continued listing on the Nasdaq National Market as set forth in Marketplace Rule 4310(c)(2)(B).

In the event that we are unable maintain compliance with all relevant Nasdaq listing standards, our securities may be subject to delisting from the Nasdaq National Market. If such delisting occurs, the market price and market liquidity of our common stock may be adversely affected.

Alternatively, if faced with such delisting, we may submit an application to transfer the listing of our common stock to the Nasdaq SmallCap Market. The Nasdaq SmallCap Market also has a \$1.00 minimum bid price requirement.

If our common stock is delisted by Nasdaq, our common stock would be eligible to trade on the OTC Bulletin Board maintained by Nasdaq, another over-the-counter quotation system, or on the pink sheets where an investor may find it more difficult to dispose of or obtain accurate quotations as to the market value of our common stock. In addition, we would be subject to a rule promulgated by the Securities and Exchange Commission that, if we fail to meet criteria set forth in such rule, imposes various practice requirements on broker-dealers who sell securities governed by the rule to persons other than established customers and accredited investors. Consequently, such rule may deter broker-dealers from recommending or selling our common stock, which may further affect the liquidity of our common stock.

Delisting from Nasdaq will make trading our common stock more difficult for investors, potentially leading to further declines in our share price. It would also make it more difficult for us to raise additional capital. Further, if we are delisted we would also incur additional costs under state blue sky laws in connection with any sales of our securities. These requirements could severely limit the market liquidity of our common stock and the ability of our shareholders to sell our common stock in the secondary market.

A Large Number Of Our Shares Are Eligible For Future Sale Which May $\mbox{ Adversely Impact The Market Price Of Our Common Stock.}$

A large number of shares of our common stock are already outstanding, issuable upon exercise of options and warrants, or the achievement of certain milestones under previously completed acquisitions and may be eligible for resale, which may adversely affect the market price of our common stock. As of December 31, 2002 we had 8,758,235 shares of common stock outstanding, which number of shares: (i) includes an aggregate of 241 shares of common stock to be issued to prior holders of securities of CytoRad Incorporated and Cellcor, Inc., which we acquired in 1995, upon each such holders respective exchange of such securities; (ii) excludes 50,000 shares of common stock previously issued by us and currently held in escrow pending release, upon certain conditions, to Advanced Magnetics, who currently maintains voting control of such securities; and (iii) excludes 32,538 shares previously issued by us and currently held for issuance by the custodian of our Employee Stock Purchase Plan to the participants thereunder, in the event they elect to purchase such shares. An additional 472,106 shares of common stock are issuable upon the exercise of outstanding stock options and an additional 32,363 shares of common stock are issuable upon the exercise of outstanding warrants. Substantially all of such shares subject to outstanding options and warrants will, when issued upon exercise thereof, be

available for immediate resale in the public market pursuant to either a currently effective registration statement under the Securities Act of 1933, as amended, or pursuant to Rule 144 or Rule 701 promulgated thereunder. In addition, there are 68,510 additional shares of common stock reserved for future issuance under our current stock options plans, 7,569 additional shares of common stock reserved for issuance under our 401(k) Plan and 22,751 additional shares of common stock reserved for the future issuance under our employee bonus plan. All such reserved shares have been registered with the Securities and Exchange Commission pursuant to currently effective registration statements. In addition, there are 81,429 additional shares of common stock, subject to certain adjustments, reserved for future issuance in connection with the issuance of a convertible promissory note, having a seven (7) year maturity, to ELAN Corporation, plc in August 1998.

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In connection with our acquisition of Prostagen, Inc. in June 1999, we issued 205,000 unregistered shares of our common stock to the then stockholders of Prostagen, which shares may be sold from time to time pursuant to Rule 144 under the Securities Act. Such stockholders also have certain piggyback registration rights with respect to these shares of common stock. An additional 127,699 shares have been issued in 2002 and were subsequently registered on a registration statement on Form S-3. An additional \$2.0 million worth of Cytogen common stock, which we are obligated to register under the Securities Act of 1933, as amended, may be issued if certain milestones are achieved in the PSMA development programs.

On October 25, 2001, we filed with the Securities and Exchange Commission a shelf registration statement on Form S-3 covering one million (1,000,000) shares of our common stock. 297,066 and 416,670 of such registered shares were issued to the State of Wisconsin Investment Board in private offering transactions in each of January 2002 and June 2002, respectively.

Availability of a significant number of additional shares of our common stock could depress the price of our common stock.

Because We Do Not Intend to Pay Any Cash Dividends On Our Shares of Common Stock, Our Stockholders Will Not Be Able to Receive a Return on Their Shares Unless They Sell Them.

We have never paid or declared any cash dividends on our common stock or other securities and intend to retain any future earnings to finance the development and expansion of our business. We do not anticipate paying any cash dividends on our common stock in the foreseeable future. Unless we pay dividends, our stockholders will not be able to receive a return on their shares unless they sell them.

Item 2. Properties

In August 2002, we moved our offices from 600 College Road East to 650 College Road East in Princeton, New Jersey. We currently sublease approximately 11,500 square feet of administrative space in Princeton, New Jersey. The sublease on this space expires in July 2005. We intend to remain in Princeton, New Jersey for the foreseeable future.

We also lease approximately 9,200 square feet of laboratory and office space in Newtown, Pennsylvania, which is occupied by our AxCell Biosciences subsidiary, under a lease expiring in 2004. In February 2001, we expanded the AxCell facility by amending the lease to include approximately an additional 5,700 square feet, which additional lease space will expire in September 2006. We

sublease approximately 2,400 square feet of the Axcell space to another company. Such sublease will expire in August 2006.

We own substantially all of the equipment used in our laboratories and offices. We believe our facilities are adequate for our operations at present.

Item 3. Legal Proceedings

On March 17, 2000, we were served with a complaint filed against us in the United States Federal Court for the District of New Jersey by M. David Goldenberg ("Goldenberg") and Immunomedics, Inc. (collectively "Plaintiffs"). The litigation claims that our Prostascint product infringes a patent purportedly owned by Goldenberg and licensed to Immunomedics. We believe that ProstaScint does not infringe this patent, and that the patent is invalid and unenforceable. The patent sought to be enforced in the litigation has now expired; as a result, the claim even if successful would not result in an injunction barring the continued sale of ProstaScint or affect any other of our products or technology. In addition, we have certain rights to indemnification against litigation and litigation expenses from the inventor of technology used in ProstaScint, which may be offset against royalty payments on sales of ProstaScint. However, given the uncertainty associated with litigation, we cannot give any $% \left(1\right) =\left(1\right) +\left(1\right) +\left($ expenditure to us. On December 17, 2001, Cytogen filed a motion for summary judgment of non-infringement of the asserted claims of the patent-in-suit. The Plaintiffs opposed that motion and filed their own cross-motion for summary judgment of infringement. On July 3, 2002, the Court denied both parties' summary judgment motions, with leave to renew those motions after presenting expert testimony and legal argument based upon that testimony. Subsequently, the Court heard expert testimony and further argument, and received further briefing, and the parties' renewed summary judgment motions are pending. The Court has not indicated when it expects to issue a ruling.

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Item 4. Submission of Matters to a Vote of Security Holders

On October 25, 2002, we held a special meeting of our stockholders, during which meeting our stockholders duly approved a reverse stock split of our issued, authorized and outstanding shares of common stock, up to a ratio of one-for-ten at the discretion of our Board of Directors. Other information relating to the matters voted upon at the special meeting and the number of votes cast for, against and withheld with respect to each such matter is contained in our Current Report on Form 8-K which was filed with the Commission on October 25, 2002. There were no broker non-votes with respect to either proposal presented to our stockholders at the special meeting.

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PART II

Item 5. Market for the Company's Common Equity and Related Stockholder Matters

Our common stock is traded on the Nasdaq National Market under the trading symbol "CYTO."

The table below sets forth the high and low bid information for our common stock for each of the calendar quarters indicated, as reported on the Nasdaq National Market. Such quotations reflect inter-dealer prices, without retail mark-up, mark-down or commission, may not represent actual transactions and have been

adjusted to reflect the Company's one-for-ten reverse stock split executed October 25, 2002.

| 2001 | High | Low |
|----------------|---------|---------|
| | | |
| First Quarter | \$65.31 | \$23.13 |
| Second Quarter | 60.90 | 21.88 |
| Third Quarter | 53.80 | 19.00 |
| Fourth Quarter | 44.60 | 20.50 |
| | | |
| 2002 | | |
| | | |
| First Quarter | \$34.40 | \$21.10 |
| Second Quarter | 22.00 | 9.10 |
| Third Quarter | 11.00 | 3.10 |
| Fourth Quarter | 8.40 | 3.30 |

As of March 1, 2003, there were approximately 960 holders of record of our common stock and there were approximately 43,515 beneficial holders of our common stock.

We have never paid any cash dividends on our common stock and we do not anticipate paying any cash dividends on our common stock in the foreseeable future. We intend to retain any future earnings to fund the development and growth of our business. Any future determination to pay dividends will be at the discretion of the board of directors.

On December 17, 2002, we issued options to purchase 200,000 shares of our common stock, \$0.01 par value per share, to Michael D. Becker, in connection with, and upon his promotion to, President and Chief Executive Officer of the Company. The exercise price of such options is \$3.54 per share, the fair market value of our common stock on the date of grant. 50,000 of such options were granted under our 1995 Stock Option Plan and vested immediately upon grant, and the remaining 150,000 options were granted outside of any stock option plan and will vest in three equal tranches, based upon Mr. Becker's achievement of certain milestones that will be established by our Board of Directors.

We believe that the issuance of the Options to Mr. Becker was exempt from registration under Section 4(2) of the Securities Act of 1933, as amended, as a transaction not involving any public offering.

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Item 6. Selected Financial Data

The following selected financial information has been derived from our audited consolidated financial statements for each of the five years in the period ended December 31, 2002. The selected financial data set forth below should be read in conjunction with the consolidated financial statements, including the notes thereto, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and other information provided elsewhere in this report.

| | | Year E | r Ended December | | |
|--|-----------|--------------|-------------------|--|--|
| | 2002 | 2001 | 2000 | | |
| | | | | | |
| Statements of Operations Data: Revenues: | | (All amounts | in thousands, | | |
| Product sales | \$ 10,626 | \$ 8,782 | \$ 7 , 523 | | |

| RoyaltiesLicense and contract | | 2,063 912 | 2,004 1,024 |
|---|-----------------|--------------------|-------------------|
| Total revenues | 12,931 | 11,757 | 10,551 |
| Operating Expenses: | | | |
| Cost of product and contract | | | |
| manufacturing revenues | 4,748 | 4,216 | 4,513 |
| <pre>Impairment of intangible assets(1)</pre> | 1,729 | _ | _ |
| Research and development | 7,605 | 10,091 | 6 , 957 |
| Acquisition of marketing and technology rights (2) | _ | _ | 13,241 |
| Equity loss in PSMA LLC | 2,886 | 332 | _ |
| Equity loss in Targon subsidiary | _ | _ | _ |
| Selling and marketing | 5,846 | 6,314 | 6,126 |
| General and administrative | 5,401 | 4,864 | 4,934 |
| | | | |
| Total operating expenses | 28 , 215 | 25 , 817 | 35 , 771 |
| Operating loss | (15,284) | (14,060) | (25,220) |
| | .= | | |
| Loss on investment | | _ | _ |
| Gain on sale of laboratory and manufacturing facilities | _ | _ | _ |
| Gain on sale of Targon subsidiary | - | - | - |
| Other income (expense) | 101 | 857 | 611 |
| Loss before income taxes and cumulative effect of | | | |
| accounting change | (15,699) | (13,203) | (24,609) |
| Income tax benefit | | (1,103) | (1,625) |
| | | | |
| Income (loss) before cumulative effect of | | | |
| accounting change | | (12,100) | |
| Cumulative effect of accounting change (3) | | | (4,314) |
| Net income (loss) | (15,699) | (12,100) | (27,298) |
| Dividends, including deemed | , , , | , , , | . , , |
| dividends on preferred stock | _ | _ | _ |
| - | | | |
| Net income (loss) to common stockholders | | | |
| Note: ' | ====== | ====== | ====== |
| Net income (loss) per common share: | | | |
| Basic and diluted net income (loss) before | Ċ /1 OE\ | ć (1 EC) | ć / 2 12) |
| cumulative effect of accounting change | | \$ (1.56) | |
| Cumulative effect of accounting change (3) | _ | | (0.59) |
| Basic and diluted net income (loss) | ć /1 0E\ | | |
| Basic and diruced net income (1088) | ====== | y (1.30) ====== | |
| Weighted average common shares outstanding: | | | |
| Basic | 8,466 | 7,778 | 7,334 |
| | ====== | ====== | ====== |
| | | | |
| Diluted | 8,466 | 7,778 | 7,334 |
| | ====== | ====== | ====== |

Pro forma amounts assuming accounting change is applied retroactively:

| Net loss to common stockholders | \$ (| 22,984) |
|---|------|---------|
| | == | ===== |
| Basic and diluted net loss per common share | \$ | (3.13) |
| | == | ===== |

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| | | | December 31, | , |
|--|---------------------|---------------------|---------------------|-----------|
| Consolidated Balance Sheet Data: | 2002 | 2001 | 2000 | 1 |
| | | | (in thousands) | |
| Cash, short-term investments and restricted cash Total assets | \$ 14,725 19,894 | \$ 11,309 21,492 | \$ 11,993 20,416 | \$ 1 1 |
| Long-term liabilities | 2,614 | 2,291 | 2,374 | |
| Accumulated deficit | (356,380) | (340,681) | (328,581) | (30 |
| Stockholders' equity | 10,588 | 11,214 | 7,218 | 1 |

- (1) Reflects a non-cash charge to write off the carrying value of the licensing fees associated with BrachySeed I-125 and BrachySeed Pd-103.
- (2) In August 2000, the Company licensed product rights from Advanced Magnetics, Inc. In June 1999, the Company acquired Prostagen, Inc.
- (3) In 2000, the Company recorded a non-cash charge for the cumulative effect related to the adoption of SEC Staff Accounting Bulletin No. 101. See Note 1 of the Consolidated Financial Statements.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical facts, included in this Annual Report on form 10-K regarding our strategy, future operations, financial position, future revenues, projected costs, prospects, plans and objectives of management are forward-looking statements. The words "anticipates," "believes," "estimates," "expects," "intends," "may," "plans," "projects," "will," "would" and similar expressions are intended to identify forward-looking statements, although not forward-looking statements contain these identifying words. Such forward-looking statements involve a number of risks and uncertainties and investors are cautioned not to put any undue reliance on any forward-looking statement. We cannot quarantee that we will actually achieve the plans, intentions or expectations disclosed in any such forward-looking statements. Factors that could cause actual results to differ materially, include, but are not limited to those identified under the caption "Additional Factors That May Affect Future Results", provided elsewhere in this report. Investors are cautioned not to put undue reliance on any forward looking statement.

Cautionary Statement

Our actual results may differ materially from our historical results of operations and those discussed in the forward-looking statements for various

reasons, including, but not limited to, our ability to: (i) access the capital markets in the near term and in the future for continued funding of our operations including existing and new projects and to maintain the listing of our common stock on the Nasdaq National Market; (ii) attract and retain personnel needed for business operations and strategic plans; (iii) carry out our business and financial plans; (iv) attract, and the ultimate success of, strategic partnering arrangements, collaborations, and acquisition candidates; (v) successfully develop and commercialize in-licensed products such as NMP22 BladderChek, including programs designed to facilitate the use of our products, such as the Partners in Excellence or PIE Program; (vi) establish and successfully complete clinical trials where required for product approval; (vii) obtain foreign regulatory approvals for products and to establish marketing arrangements in countries where approval is obtained; (viii) demonstrate, over time, the efficacy and safety of our products; (ix) determine and implement the appropriate strategic initiative for our AxCell Biosciences subsidiary; and (x) fund development necessary for existing products and for the pursuit of new product opportunities. Additional risks that we face include, but are not limited to: (i) the risk of whether marketable and valuable products result from our development activities; (ii) the possibility that we may not be able to adequately protect our intellectual property portfolio; (iii) the degree of competition we may face from existing or new products; (iv) the risks associated with obtaining the necessary regulatory approvals; (v) the ability of Advanced Magnetics to satisfy the conditions specified by the FDA regarding approval to market Combidex in the United States; (vi) shifts in the regulatory environment affecting sale of our products such as third-party payor reimbursement issues and dependence on our partners for development of certain projects; (vii) competitive products and technologies; (viii) price pressure; and (ix) other factors discussed in our press releases and from time-to-time in our other filings with the Securities and Exchange Commission. Any forward-looking statements made by us do not reflect the potential impact of any future

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acquisitions, mergers, dispositions, joint ventures or investments we may make. We do not assume, and specifically disclaim, any obligation to update any forward-looking statements, and these statements represent our current outlook only as of the date given.

The following discussion and analysis should be read in conjunction with the Financial Statements and related notes thereto contained elsewhere herein, as well as from time to time in our other filings with the Securities and Exchange Commission.

Significant Events in 2002

In September 2002, in an effort to reduce expenses and position Cytogen for stronger long-term growth in oncology, we restructured our AxCell Biosciences subsidiary. Management intends that the plan, which included a 75% reduction of AxCell's workforce, will allow continued research related to the role of novel proteins and signal transduction pathways in disease progression through both external collaborations and internal data mining. While AxCell continues to pursue opportunities in the area of signal transduction research, the restructuring reinforces our corporate objectives of developing and marketing oncology products.

In October 2002, we entered into a five-year agreement with Matritech Inc. to be the sole distributor for Matritech's NMP22 BladderChek test to urologists and oncologists, in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. NMP22 BladderChek is a point-of-care test for bladder cancer that requires only a few drops of a patient's urine.

NMP22 BladderChek returns results in thirty minutes and provides urologists with an adjunct technology to cystoscopy, a clinical procedure for the visual identification of tumors in the bladder, for improved detection and early diagnosis. During November 2002, we began promoting NMP22 BladderChek to urologists in the United States, using our in-house urologic focused sales force.

On October 25, 2002, upon the receipt of approval of our stockholders at a duly called and held special meeting of stockholders, our Board of Directors authorized and implemented a reverse stock split of our issued, outstanding and authorized shares of common stock at a ratio of one-for-ten. As a result of the reverse split, one new share of common stock was issued for every ten shares of common stock held by stockholders of record as of the close of business on October 25, 2002. The reverse split was intended, in part, to help increase the market price of our common stock above the minimum \$1.00 per share as required by the Nasdaq National Market's maintenance listing standards. On November 11, 2002, we announced that we had received notification from the Nasdaq Stock Market, Inc. that we had regained compliance with such listing standards regarding minimum bid price.

On December 17, 2002, we announced that H. Joseph Reiser, Ph.D. resigned his position as our President and Chief Executive Officer, for personal reasons, effective immediately. Dr. Reiser had served in such capacities since April 1998, and has, since his resignation, remained a member of our Board of Directors. Michael D. Becker, our Vice President of Business Development, was unanimously elected by our Board of Directors to serve as Dr. Reiser's replacement as President and Chief Executive Officer. Mr. Becker was also unanimously elected to serve as a member of our Board of Directors.

Also, on December 17, 2002, we announced that Lawrence Hoffman, our Vice President and Chief Financial Officer resigned his position with the Company to pursue other opportunities, effective December 31, 2002. Mr. Hoffman had served in such capacity since July 2000. Ms. Thu Dang, our Director of Finance was promoted to the position of Vice President of Finance, effective January 1, 2003.

Other recent management changes include:

- William Goeckeler, our Vice President of Research and Development, was promoted to Vice President of Operations. Mr. Goeckeler has been with the Company since April 1994;
- Deborah Kaminsky, our Vice President of Sales and Marketing will shift her focus as our Vice President of Business Development. Ms. Kaminsky has been with the Company since December 2000;
- Rita Auld, our Director of Human Resources, was promoted to Vice President of Human Resources and Administration and Corporate Secretary. Ms. Auld has been with the Company since October 2000; and
- Corey Jacklin, who has been with the Company since January 2003, assumed the responsibilities of Senior Director of Sales.

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In January 2003, we provided Draximage with notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with respect to both of Draximage's BrachySeed I-125 and BrachySeed Pd-103 products. We launched BrachySeed I-125 and BrachySeed Pd-103 in February 2001 and May 2002, respectively. Effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed I-125 and BrachySeed Pd-103 products.

RESULTS OF OPERATIONS

Years ended December 31, 2002, 2001 and 2000

Revenues

Total revenues were \$12.9 million in 2002, \$11.8 million in 2001 and \$10.6 million in 2000. The increase in 2002 from 2001 and 2000 was primarily due to higher product related revenues from increased sales of ProstaScint and BrachySeed, partially offset by lower license and contract revenues. In January 2003, we served notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with Draximage with respect to the BrachySeed I-125 and BrachySeed Pd-103 products. As a result, effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed products. Product related revenues, including product sales and royalty revenues, accounted for 96%, 92% and 90% of revenues in 2002, 2001 and 2000, respectively. License and contract revenues accounted for the remainder of revenues.

Product related revenues were \$12.5 million, \$10.8 million and \$9.5 million in 2002, 2001 and 2000, respectively. The increase in 2002 from 2001 and 2000 was due primarily to an increase in the sale of ProstaScint and BrachySeed I-125 and Pd-103. Effective January 24, 2003, we discontinued selling and marketing the BrachySeed products.

Sales from ProstaScint were \$7.9 million, \$7.6 million and \$7.0 million in 2002, 2001 and 2000, respectively, and accounted for 64%, 70% and 74% of the product related revenues, respectively. Beginning in July 2000, we assumed sole responsibility for selling and marketing ProstaScint from Bard Urological Division of C.R. Bard Inc., our former co-marketing partner. We believe that future growth and market penetrations of ProstaScint is dependent upon, among other things, the implementation and continued research of new product applications, such as: (i) combining or fusing ProstaScint with CT (computed tomography) or MRI (magnetic resonance imaging) scans in a digital overlay ("fusion imaging"); (ii) using ProstaScint scans to quide therapy ("image-quided therapy"), which is not limited to enhancing the placement of brachytherapy seeds, but can also be applied to cryosurgery and external beam radiation, such as intensity modulated radiation therapy (IMRT), an advanced and more powerful form of therapy that uses computers to focus radiation more precisely on the target; and (iii) competitive reimbursement by federal and private agencies. There can be no assurance, however, that such initiatives will significantly increase the sale of ProstaScint.

Sales of BrachySeed were \$2.5 million in 2002, compared to \$779,000 in 2001 and accounted for 20% of product related revenues during 2002, compared to 7% of product related revenues during 2001. We launched BrachySeed I-125 in February 2001 and BrachySeed Pd-103 in May 2002. The increase in 2002 over the prior period was due to increased market penetration of BrachySeed products, the agreements for which were subsequently terminated as described above. As a result, effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed I-125 and BrachySeed Pd-103.

Royalties from Quadramet were \$1.8 million, \$2.1 million and \$2.0 million in 2002, 2001 and 2000, respectively, and accounted for 15%, 19% and 21% of product related revenues, respectively. We believe that the future growth and market penetration of Quadramet is largely dependent upon, among other things: (i) new clinical data supporting the expanded and earlier use of Quadramet in various cancers and in combination with other therapies, such as chemotherapy and bisphophonates; (ii) establishing the use of Quadramet at higher doses to target and treat primary bone cancers; and (iii) increased marketing and sales penetration to radiation and medical oncologists. Quadramet is currently

marketed by our marketing partner, Berlex Laboratories Inc. Although we believe that Berlex is an advantageous marketing partner, there can be no assurance that Quadramet will achieve greater market penetration on a timely basis or result in significant revenues for us.

Sales from OncoScint CR/OV were \$182,000, \$363,000 and \$519,000 in 2002, 2001 and 2000, respectively. The market for OncoScint CR/OV for diagnosis of colorectal disease has been negatively affected by positron emission tomography or "PET" scans which have shown the same or higher sensitivity than OncoScint CR/OV. Accordingly, we discontinued selling OncoScint at the end of 2002 in order to focus on our other oncology products.

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The initial sales of NMP22 BladderChek were \$14,000 in 2002. During the fourth quarter of 2002, we entered into a five-year agreement with Matritech Inc. for Cytogen to be the sole distributor for Matritech's NMP22 BladderChek test to urologists and oncologists in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. We began introducing NMP22 BladderChek to urologists during November 2002.

Effective January 1, 2000, we adopted U.S. Securities and Exchange Commission Staff Accounting Bulletin No. 101 "Revenue Recognition in Financial Statements" ("SAB 101") which requires up-front, non-refundable license fees to be deferred and recognized over the performance period. The cumulative effect of adopting SAB 101 resulted in a one-time, non-cash charge of \$4.3 million or \$0.59 per share in 2000, which reflects the deferral of an up-front license fee received from Berlex, net of associated costs, related to the licensing of Quadramet recognized in 1998 and a license fee for certain applications of PSMA to a joint venture formed by Cytogen and Progenics recognized in 1999. Previously, we had recognized up-front license fees when we had no obligations to return the fees under any circumstances. Under SAB 101 these payments are recorded as deferred revenue to be recognized over the remaining term of the related agreements. In 2002, 2001 and 2000, we recognized \$410,000, \$860,000 and \$859,000, respectively, of license revenue that was included in the cumulative effect adjustment as of January 1, 2000.

Revenues from contract research services were \$53,000, \$43,000 and \$165,000 in 2002, 2001 and 2000, respectively. In 2002, we performed limited research and development services for the PSMA Development Company LLC, our joint venture with Progenics Pharmaceuticals, Inc. The level of future revenues from the joint venture will be dependent upon the extent of research and development services requested by the joint venture. In 2000, we discontinued our contract manufacturing services business as a result of the sale of our laboratory and manufacturing facilities. Contract revenues have fluctuated in the past and may fluctuate in the future.

Operating Expenses

Total operating expenses were \$28.2 million, \$25.8 million and \$35.8 million in 2002, 2001 and 2000, respectively. The increase in 2002 from 2001 is due primarily to a non-cash charge of \$1.7 million for the intangible asset impairment related to the write-off of license fees of BrachySeed products, \$869,000 for the restructuring of AxCell in September 2002, a non-cash milestone payment of \$2.0 million related to the progress of the dendritic cell prostate cancer clinical trials at Northwest Biotherapeutics, Inc. and increased expenses relating to the development of the PSMA technologies through our joint venture with Progenics Pharmaceuticals, Inc., the PSMA Development Company LLC, partially offset by a reduction in funding for research activities at our AxCell subsidiary and the development of a new manufacturing and purification process

for ProstaScint. The decrease in 2001 from 2000 was due to a charge in 2000 for the acquisition of Combidex and Code 7228 from Advanced Magnetics, partially offset by increased development efforts at AxCell in 2001 for AxCell's proteomics programs, the development of a new manufacturing process for ProstScint and the 2001 launch of BrachySeed I-125. The 2000 operating expenses included a \$13.2 million charge related to the acquisition of the marketing and technology rights to Combidex (for all applications) and Code 7228 (for oncology applications only), of which \$13.1 million was non-cash as we issued our common stock as consideration. At this time, Advanced Magnetics does not intend to develop Code 7228 for oncology imaging.

Costs of product sales were \$4.7 million, \$4.2 million and \$4.5 million in 2002, 2001 and 2000, respectively. The increase in 2002 from 2001 was due primarily to an increase in sales of BrachySeed and a \$169,000 charge to reserve for excess inventory for OncoScint and ProstaScint, partially offset by lower facility related costs associated with the manufacturing of ProstaScint. The decrease in 2001 compared to 2000 was due primarily to lower manufacturing costs that result from better manufacturing yields for ProstaScint, partially offset by costs associated with the purchase of BrachySeeds, which became commercially available in 2001. Effective January 24, 2003, we no long accept or fill orders for the BrachySeed products.

During 2002, we recorded a non-cash charge of \$1.7 million to impairment of intangible assets which represents the write-off of the carrying value of the upfront licensing fees associated with BrachySeed I-125 and BrachySeed Pd-103, as the carrying value will not be recoverable. In January 2003 we served notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with Draximage with respect to the BrachySeed products. As of January 24, 2003, we no longer accept or fill new orders for BrachySeed.

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Research and development expenses were \$7.6 million in 2002, \$10.1 million in 2001 and \$7.0 million in 2000. The decrease in 2002 from 2001 was due to decreased funding during 2002 for signal transduction research programs at AxCell and reduction in expenses related to the development of a new manufacturing and purification process by DSM Biologics Company B.V. with respect to ProstaScint, partially offset by a stock-based milestone payment of \$2.0 million in 2002 related to the progress of the dendritic cell prostate cancer clinical trials at Northwest $\,$ Biotherapeutics, $\,$ Inc. The increase in 2001 $\,$ from 2000 was due, in part, to the development of a new manufacturing and purification process for ProstaScint. In 2002, 2001 and 2000 we invested \$3.6 million, \$4.9 million and \$3.4 million, respectively, in AxCell's research programs and \$551,000, \$3.2 million and \$559,000 respectively, in our manufacturing process development. Our relationship with DSM providing for the development of a new manufacturing process for ProstaScint ceased in 2002. In connection with the AxCell restructuring plan in September 2002, cost-saving measures implemented at AxCell are expected to lower our annual operating expenses by \$2.2 million, which have begun in the fourth quarter of 2002.

Acquisition of marketing and technology rights of \$13.2 million in 2000 represents a non-cash charge of \$13.1 million related to the acquisition of certain rights to product candidates Combidex (for all applications) and Code 7228 (for oncology applications only) from Advanced Magnetics. At this time, Advanced Magnetics does not intend to develop Code 7228 for oncology imaging.

Our share in the equity loss in the PSMA Development Company LLC, our joint venture with Progenics, was \$2.9 million for 2002, and represented 50% of the joint venture's operating results. The joint venture is equally owned by us and Progenics. We account for the joint venture using the equity method of

accounting. Progenics was obligated to fund the initial \$3.0 million of development costs of the joint venture, in addition to \$2.0 million in supplemental capital contributions funded at certain defined dates. Beginning in December 2001, we began to equally share the costs of the joint venture with Progenics. Our share in the equity loss in the joint venture was \$332,000 for 2001. We expect our share of losses and funding in the joint venture to continue at even higher levels in subsequent periods. The joint venture is funded by equal capital contributions from each of Progenics and Cytogen in accordance with an annual budget approved by the joint venture representatives from each such party. As of March 28, 2003, the parties are in the process of negotiating the 2003 annual budget for the joint venture and have agreed that the operating budget for 2003 will be no less than the 2002 operating expenses for the joint venture. Contract research and development services provided by Progenics to the joint venture during 2002 were in accordance with a services agreement between the parties. As of March 28, 2003, the parties are negotiating the terms of a new services agreement and believe that if mutual agreement is not achieved, the parties can successfully negotiate with outside third parties for necessary services.

Selling and marketing expenses were \$5.8 million, \$6.3 million and \$6.1 million in 2002, 2001 and 2000, respectively. The decrease in 2002 from 2001 was due to costs incurred in 2001 for the launch of BrachySeed I-125. The increase in 2001 from 2000 reflected the launch costs in 2001 for BrachySeed I-125, partially offset by costs associated with the expansion of our in-house sales force in 2000. We assumed sole responsibility for the selling and marketing of ProstaScint in July 2000.

General and administrative expenses were \$5.4 million, \$4.9 million and \$4.9 million in 2002, 2001 and 2000, respectively. The increase in 2002 from 2001 and 2000 was due primarily to a charge of \$869,000 related the restructuring of AxCell in September 2002, and a stock-based compensation charge for a key employee, partially offset by decreased spending in legal and professional fees in 2002.

Insurance Reimbursement

During 2001, we received a one-time payment of \$402,000 from an insurance claim filed by us in 2000 to recover the loss of product resulting from the rupture of a tube during the manufacture of a batch of ProstaScint.

Loss On Investment

We recorded a non-cash charge of \$516,000 during 2002 for an impairment in the carrying value of an investment in shares of Northwest Biotherapeutics, Inc. common stock, which the Company had received as part of the acquisition of Prostagen in 1999. The fair value of such investment, based on the quoted market prices, had significantly decreased from its original carrying value of \$516,000. Based on an evaluation of the financial condition of Northwest and the significant decline in stock price, we concluded that the decline was other than temporary and that the carrying amount of this investment would not be recoverable.

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Interest Income/Expense

Interest income was \$274,000, \$635,000 and \$774,000 for 2002, 2001 and 2000, respectively. The declines in 2002 and 2001 from 2000 were due to lower average yields on investments for each of the respective periods, partially offset by higher average cash and cash equivalent balances during the periods.

Interest expense was \$173,000, \$180,000 and \$163,000 in 2002, 2001 and 2000, respectively. Interest expense includes interest on outstanding debt and finance charges related to various equipment leases.

Income tax benefit

During 2001 and 2000, we sold New Jersey State net operating loss carryforwards and research and development credits, which resulted in the recognition of \$1.1 million and \$1.6 million income tax benefit, respectively. In January 2003, we sold additional New Jersey State net operating loss carryforwards which resulted in \$584,000 of income tax benefit, which will be recorded in the first quarter of 2003. Assuming the State of New Jersey continues to fund this program, which is uncertain, the actual amount of net operating losses and tax credits we may sell will also depend upon the allocation among qualifying companies of an annual pool established by the State of New Jersey.

Net Loss

Net loss was \$15.7 million, \$12.1 million and \$27.3 million in 2002, 2001 and 2000, respectively. Net loss per share in 2002 was \$1.85, compared to \$1.56 in 2001 and \$3.72 in 2000. Net loss was based on weighted average common shares outstanding of 8.5 million, 7.8 million and 7.3 million, in each of 2002, 2001 and 2000, respectively. The 2000 net loss included \$4.3 million, or \$0.59 per share, for the cumulative effect of accounting change as a result of the adoption of SAB 101.

LIQUIDITY AND CAPITAL RESOURCES

Our cash and cash equivalents were \$14.7 million as of December 31, 2002, compared to \$11.3 million as of December 31, 2001. The increase in 2002 from 2001 was primarily due to the proceeds of approximately \$13 million from the sale of Cytogen common stock offset by cash used for operating activities. In 2002, 2001 and 2000, the cash used for operating activities was \$8.3 million, \$13.4 million, and \$9.0 million, respectively. The 2002 decrease from 2001 and 2000 was primarily due to improved working capital management, which included a build-up of ProstaScint inventory in 2001 and 2000 compared to a reduction in 2002.

In January 2003, we secured a new supply arrangement for the manufacturing of ProstaScint with Laureate Pharma L.P. and as a result, expect to use significant resources to build ProstaScint inventory levels to a two-year requirement. Pursuant to the terms of such Contract Manufacturing Agreement with Laureate, during 2003, we are required to pay a facility access and utilization fee of \$1,000,000. We are also required to pay Laureate an additional \$157,500 relating to Laureate's production of ProstaScint. The contract would have further required a payment of \$136,800 to Laureate in the event that we required an optional production run for the antibody used in our ProstaScint product.

Historically, our primary sources of cash have been proceeds from the issuance and sale of our stock through public offerings and private placements, product related revenues, revenues from contract research services, fees paid under license agreements and interest earned on cash and short-term investments. In October 2000, we entered into an equity financing facility with Acqua Wellington North American Equities Fund, L.P. which provided for the sale of up to \$70 million of our common stock to Acqua Wellington at a small discount to market price. Pursuant to this equity financing facility, in February 2001, we sold to Acqua Wellington 127,656 shares of our common stock for an aggregate purchase price of \$6.5 million. The equity financing facility was terminated in June 2001.

In June 2001, we entered into a Share Purchase Agreement with the State of Wisconsin Investment Board, or SWIB, pursuant to which we sold 182,000 shares of

our common stock to SWIB for an aggregate purchase price of \$8.2 million, before transaction costs. In connection with the Share Purchase Agreement, we were required to discontinue the use of the equity financing facility with Acqua Wellington and such agreement was terminated.

In October 2001, we filed a shelf registration statement on Form S-3 to register 1,000,000 shares of our common stock. Such registration statement was declared effective by the Securities and Exchange Commission in November 2001.

In January 2002, we sold 297,067 shares of our common stock to SWIB for an aggregate purchase price of \$8.0 million. Additionally, in June 2002, we sold 416,670 shares of our common stock to SWIB for an aggregate purchase price of \$5.0 million. Such issuances and sales of our common stock to SWIB in January 2002 and June 2002 were registered on our shelf registration statement on Form S-3.

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In connection with our stock issuances to SWIB, we agreed not to enter into equity line arrangements in the future, issue certain securities at less than fair market value or undertake certain other securities issuances without requisite stockholder approval. Our stockholders have approved, and we have implemented, amendments to our By-Laws and certain of our stock option plans to effect these restrictions.

In January 2003, we received cash of \$584,000 relating to a sale of New Jersey State net operating losses and research and development credits. Assuming the State of New Jersey continues to fund this program, which is uncertain, the actual amount of net operating losses and tax credits we may sell will also depend upon the allocation among qualifying companies of an annual pool established by the State of New Jersey.

Because the market value of our common stock held by non-affiliates of the Company is less than \$75 million, we are ineligible to utilize a registration statement on Form S-3 for primary offerings in which our common stock is offered for cash on our behalf. We cannot guarantee you that the market value of our common stock held by non-affiliates will ever increase above \$75 million, and as a result, that we will thereby regain eligibility to utilize a Form S-3 registration statement for such primary offerings.

We have relied upon revenues from sales of the BrachySeed products to partially fund ongoing operations. For the years ended December 31, 2002 and December 31, 2001, revenue from the sale of BrachySeed products was \$2.5 million and \$779,000, respectively. In December 2002, we served notice of termination for each of our License and Distribution Agreement and Product Manufacturing and Supply Agreement with Draximage with respect to both the BrachySeed I-125 and BrachySeed Pd-103 products. As a result, effective January 24, 2003, we no longer accept or fill new orders for the BrachySeed products.

Beginning in December 2001, we began to equally share the costs of the PSMA Development Company LLC, our joint venture with Progenics Pharmaceuticals, Inc. Since December 31, 2001, we have recognized 50% of the joint venture's operating results, of which our share was \$2.9 million for 2002 and \$332,000 for 2001. We expect our share of losses and funding in the joint venture to continue at a even higher level in the subsequent periods. The joint venture is funded by equal capital contributions from each of Progenics and Cytogen in accordance with an annual budget approved by the joint venture representatives from each such party. As of March 28, 2003, the parties are in the process of negotiating the 2003 annual budget for the joint venture and have agreed that the operating budget for 2003 will be no less than the 2002 operating expenses for the joint venture. Contract research and development services provided by Progenics to the

joint venture during 2002 were in accordance with a services agreement between the parties. As of March 28, 2003, the parties are negotiating the terms of a new services agreement and believe that if mutual agreement is not achieved, the parties can successfully negotiate with outside third parties for necessary services.

Our capital and operating requirements may change depending upon various factors, including: (i) whether we and our strategic partners achieve success in manufacturing, marketing and commercialization of our products; (ii) the amount of resources which we devote to clinical evaluations and the expansion of marketing and sales capabilities; (iii) results of clinical trials and research and development activities; and (iv) competitive and technological developments, in particular, we expect to incur significant costs for the development of our PSMA technologies.

Our financial objectives are to meet our capital and operating requirements through revenues from existing products and licensing arrangements. To achieve our strategic objectives, we may enter into research and development partnerships and acquire, in-license and develop other technologies, products or services. Certain of these strategies may require payments by us in either cash or stock in addition to the costs associated with developing and marketing a product or technology. However, we believe that, if successful, such strategies may increase long-term revenues. There can be no assurance as to the success of such strategies or that resulting funds will be sufficient to meet cash requirements until product revenues are sufficient to cover operating expenses, if ever. To fund these strategic and operating activities, we may sell equity or debt securities as market conditions permit or enter into credit facilities.

We have incurred negative cash flows from operations since our inception, and have expended, and expect to continue to expend in the future, substantial funds to implement our planned product development efforts, including acquisition of products and complementary technologies, research and development, clinical studies and regulatory activities, and to further our marketing and sales programs. We expect that our existing capital resources should be adequate to fund our operations and commitments into the first quarter of 2004. We cannot assure you that our business or operations will not change in a manner that would consume available resources more rapidly than anticipated. We expect that we will have additional requirements for debt or equity capital, irrespective of whether and when we reach profitability, for further product development costs, product and technology acquisition costs, and working capital.

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Our future capital requirements and the adequacy of available funds will depend on numerous factors, including: (i) the successful commercialization of our products; (ii) the costs associated with the acquisition of complementary products and technologies; (iii) progress in our product development efforts and the magnitude and scope of such efforts; (iv) progress with clinical trials; (v) progress with regulatory affairs activities; (vi) the cost of filing, prosecuting, defending and enforcing patent claims and other intellectual property rights; (vii) competing technological and market developments; and (viii) the expansion of strategic alliances for the sales, marketing, manufacturing and distribution of our products. To the extent that the currently available funds and revenues are insufficient to meet current or planned operating requirements, we will be required to obtain additional funds through equity or debt financing, strategic alliances with corporate partners and others, or through other sources. There can be no assurance that the financial sources described above will be available when needed or at terms commercially acceptable to us. If adequate funds are not available, we may be required to delay, further scale back or eliminate certain aspects of our operations or attempt to obtain funds through arrangements with collaborative partners or others that may require us to relinquish rights to certain of our technologies,

product candidates, products or potential markets. If adequate funds are not available, our business, financial condition and results of operations will be materially and adversely affected.

CRITICAL ACCOUNTING POLICIES

Financial Reporting Release No. 60 requires all companies to include a discussion of critical accounting policies or methods used in the preparation of financial statements. Note 1 to our Consolidated Financial Statements in this Annual Report on Form 10-K includes a summary of our significant accounting policies and methods used in the preparation of our Consolidated Financial Statements. The following is a brief discussion of the more significant accounting policies and methods used by us. The preparation of our Consolidated Financial Statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Our actual results could differ materially from those estimates.

Revenue Recognition

We recognize revenue from the sale of our products upon shipment. We do not grant price protection to customers. Quadramet royalties are recognized when earned. The Securities and Exchange Commission has issued Staff Accounting Bulletin (SAB) No. 101, "Revenue Recognition", which provides guidance on the recognition of up-front, non-refundable license fees. Accordingly, we defer up-front license fees and recognize them over the estimated performance period of the related agreement, when we have continuing involvement. Since the term of the performance periods is subject to management's estimates, future revenues to be recognized could be affected by changes in such estimates.

Accounts Receivable

Our accounts receivable balances are net of an estimated allowance for uncollectible accounts. We continuously monitor collections and payments from our customers and maintain an allowance for uncollectible accounts based upon our historical experience and any specific customer collection issues that we have identified. While we believe our reserve estimate to be appropriate, we may find it necessary to adjust our allowance for uncollectible accounts if the future bad debt expense exceeds our estimated reserve. We are subject to concentration risks as a limited number of our customers provide a high percent of total revenues, and corresponding receivables.

Inventories

Inventories are stated at the lower of cost or market, as determined using the first-in, first-out method, which most closely reflects the physical flow of our inventories. Our products and raw materials are subject to expiration dating. We regularly review quantities on hand to determine the need for reserves for excess and obsolete inventories based primarily on our estimated forecast of product sales. Our estimate of future product demand may prove to be inaccurate, in which case we may have understated or overstated our reserve for excess and obsolete inventories.

Carrying Value of Fixed and Intangible Assets

Our fixed assets and certain of our acquired rights to market our products have been recorded at cost and are being amortized on a straight-line basis over the estimated useful life of those assets. If indicators of impairment exist, we assess the recoverability of the affected long-lived assets by determining

whether the carrying value of such assets can be recovered through undiscounted future operating cash flows. If impairment is indicated, we measure the amount of such impairment by comparing the carrying value of the assets to the present value of the expected future cash flows associated with the use of the asset. Adverse changes regarding future cash flows to be received from long-lived assets could indicate that an impairment exists, and would require the write down of the carrying value of the impaired asset at that time.

During 2002, we recorded a non-cash charge of \$1.7 million to impairment of intangible assets, which represents the write-off of the carrying value of the licensing fees associated with BrachySeed I-125 and BrachySeed Pd-103, as the carrying value will not be recoverable.

In October 2002, we entered into a five-year agreement with Matritech Inc. to be the sole distributor for Matritech's NMP22 BladderChek point-of-care test to urologists and oncologists in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. We paid Matritech \$150,000 upon the execution of the agreement, which was recorded as other assets in the accompanying consolidated balance sheet for the respective period and is being amortized over the five year estimated performance period of the agreement. We determined that we did not have any impairment regarding Matritech's license fee at December 31, 2002.

COMMITMENTS

As outlined in Notes 7, 10 and 16 of the Notes to our Consolidated Financial Statements, we have entered into various contractual obligations and commercial commitments. The following table summarizes our contractual obligations as of December 31, 2002:

| Contractual Obligation | | | 4 to 5 years | |
|--|------------------------|------------------------|-----------------|--------------|
| Long-term debt | \$ - | \$ 2,280,000 | \$ - | \$ - |
| Capital lease obligations | 80,000 | 82,000 | _ | _ |
| Facility leases | 609,000 | 899,000 | 103,000 | - |
| Other operating leases | 228,000 | 8,000 | - | _ |
| Manufacturing and research and development contracts | 1,317,000 | 327,000 | 260,000 | 1,140,000 |
| Minimum royalty payments | 1,000,000 | 2,000,000 | 2,000,000 | 7,000,000 |
| Total | \$ 3,234,000 ====== | \$ 5,596,000 ====== | \$ 2,363,000 | \$ 8,140,000 |

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In addition to the above, we are obligated to make certain royalty payments based on sales of the related product and certain milestone payments if our collaborative partners achieved specific development milestones or commercial milestones as outlined in Notes 5 and 7 of the Notes to our Consolidated Financial Statements.

In subsequent periods, we expect to provide funding for the development of the PSMA technologies through our joint venture with Progenics at even higher levels than the current year. Such funding amount may vary dependent upon, among other things, the results of the clinical trials and research and development activities, competitive and technological developments, and market opportunities.

Recently Enacted Accounting Pronouncements

In June 2002, the Financial Accounting Standards Board isssued Statement of Financial Accounting Standard No. 146, "Accounting for Exit or Disposal Activities." SFAS 146 addresses significant issues regarding the recognition, measurement and reporting of costs associated with exit and disposal activities, including restructuring activities. SFAS 146 also addresses recognition of certain costs related to terminating a contract that is not a capital lease, costs to consolidate facilities or relocate employees and termination of benefits provided to employees that are involuntarily terminated under the terms of a one-time benefit arrangement that is not an ongoing benefit arrangement or an individual deferred compensation contract. SFAS 146 is effective for exit or disposal activities that are initiated after December 31, 2002.

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Item 7A. Quantitative and Qualitative Disclosures About Market Risk

We do not have operations subject to risks of foreign currency fluctuations, nor do we use derivative financial instruments in our operations or investment portfolio. As of December 31, 2002, the Company had \$2.3 million of debt outstanding with a fixed interest rate of 7%. We do not have exposure to market risks associated with changes in interest rates, as we have no variable interest rate debt outstanding. Changes in interest rates could expose us to market risk associated with a fixed interest rate debt. We do not believe that this note will have material exposure to market risks associated with interest rates.

Item 8. Financial Statements and Supplementary Data

The financial statements required by this Item 8 are submitted as a separate section of this Form 10-K.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

The information required to be disclosed under this Item regarding former accountants was previously reported by the Company on: (i) a Current Report on Form 8-K filed with the Securities & Exchange Commission on May 20, 2002, and an amendment thereto filed with the Securities & Exchange Commission on May 22, 2002; and (ii) a Current Report on Form 8-K filed with the Securities & Exchange Commission on May 24 2002.

Item 10. Directors and Executive Officers of the Company

The information relating to our directors, nominees for election as directors and executive officers under the headings "Election of Directors", "Executive Officers" and "Compliance with Section 16(a) of the Exchange Act" in our definitive proxy statement for the 2003 Annual Meeting of Stockholders is incorporated herein by reference to such proxy statement.

Item 11. Executive Compensation

The discussion under the heading "Executive Compensation" in our definitive proxy statement for the 2003 Annual Meeting of Stockholders is incorporated herein by reference to such proxy statement.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The discussion under the heading "Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters" in our definitive proxy statement for the 2003 Annual Meeting of Stockholders is incorporated herein by reference to such proxy statement.

Item 13. Certain Relationships and Related Transactions

The discussion under the heading "Certain Relationships and Related Transactions" in our definitive proxy statement for the 2003 Annual Meeting of Stockholders is incorporated herein by reference to such proxy statement.

Item 14. Controls and Procedures

- (1) Evaluation of disclosure controls and procedures. Based on their evaluation of the Company's disclosure controls and procedures (as defined in Rules 13a-14(c) and 15d-14(c) under the Securities Exchange Act of 1934) as of a date within 90 days of the filing date of this Annual Report on Form 10-K, the Company's chief executive officer and principal financial officer have concluded that the Company's disclosure controls and procedures are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities & Exchange Commission's rules and forms and are operating in an effective manner.
- (2) Changes in internal controls. There were no significant changes in the Company's internal controls or in other factors that could significantly affect these controls subsequent to the date of their most recent evaluation.

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PART IV

- Item 15. Exhibits, Financial Statement Schedules, and Reports on Form 8-K
 - (a) Documents filed as a part of the Report:
 - (1) and (2) The response to this portion of Item 15 is submitted as a separate section of this Form 10-K.

(3) Exhibits -

Exhibit No.

- 3.1 Restated Certificate of Incorporation of Cytogen Corporation, as amended. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended June 30, 1996, and incorporated herein by reference.
- 3.2 Certificate of Amendment to the Restated Certificate of Incorporation of Cytogen Corporation, as amended. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended June 30, 2000, and incorporated herein by reference.
- 3.3 Certificate of Amendment to the Restated Certificate of Incorporation, as amended, as filed with the Secretary of State of the State of Delaware on October 25, 2002. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on October 25, 2002, and incorporated herein by reference.
- 3.4 Certificate of Designations of Series C Junior Participating Preferred Stock of Cytogen Corporation. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-59718), filed with the Commission on April 27, 2001, and incorporated herein by reference.
- 3.5 By-Laws of Cytogen Corporation, as amended. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference.
- 4.1 Amended and Restated Rights Agreement, dated as of October 19, 1998 between Cytogen Corporation and Chase Mellon Shareholder Services, L.L.C., as Rights Agent. The Amended and Restated Rights Agreement includes the Form of Certificate of Designations of Series C Junior Participating Preferred Stock as Exhibit A, the form of Right Certificate as Exhibit B and the Summary of Rights as Exhibit C. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended September 30, 1998, and incorporated herein by reference.
- 10.1 Lease Agreement, dated as of March 16, 1987, by and between Peregrine Investment Partners I, as lessor, and Cytogen Corporation, as lessee. Filed as an exhibit to Form 10-K Annual Report for Year Ended January 2, 1988, and incorporated herein by reference.
- 10.2 Amendment, dated as of October 16, 1987, to Lease Agreement between Peregrine Investment Partners I and Cytogen Corporation. Filed as an exhibit to Form S-8 Registration Statement (No. 33-30595), and incorporated herein by reference.
- 10.3 1989 Employee Stock Option Plan. Filed as an exhibit to Form S-8 Registration Statement (No. 33-30595), and incorporated herein by reference. +
- 10.4.1 1988 Stock Option Plan for Non-Employee Directors. Filed as an exhibit to Form S-8 Registration Statement (No. 33-30595), and incorporated herein by reference. +
- 10.4.2 Amendment to the Cytogen Corporation 1988 Stock Option Plan for Non-Employee Directors dated May 22, 1996. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended June 30, 1996, and

incorporated herein by reference. +

- 10.5 Standard Form of Indemnification Agreement entered into between Cytogen Corporation and its officers, directors, and consultants. Filed as an exhibit to Amendment No. 1 to Form S-1 Registration Statement (No. 33-31280), and incorporated herein by reference. +
- 10.6 1989 Stock Option Policy for Outside Consultants. Filed as an exhibit to Amendment No. 1 to Form S-1 Registration Statement (No. 33-31280), and incorporated herein by reference. +
- 10.7.1 License Agreement dated as of March 31, 1993 between Cytogen Corporation and The Dow Chemical Company. Filed as an exhibit to Form 10-Q/A-1 Amendment to Quarterly Report for the quarter ended July 3, 1993, and incorporated herein by reference.*
- 10.7.2 Amendment of the License Agreement between Cytogen Corporation and The Dow Chemical Company dated September 5, 1995. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended March 31, 1996, and incorporated herein by reference.*
- 10.7.3 Second Amendment to the License Agreement between Cytogen Corporation and The Dow Chemical Company dated May 20, 1996. Filed as an exhibit to Form 10-Q/A-1 Amendment to Quarterly Report for the quarter ended June 30, 1996, and incorporated herein by reference.*
- 10.8 1992 Cytogen Corporation Employee Stock Option Plan II, as amended. Filed as an exhibit to Form S-4 Registration Statement (No. 33-88612), and incorporated herein by reference. +
- 10.9 License Agreement, dated March 10, 1993, between Cytogen Corporation and The University of North Carolina at Chapel Hill, as amended. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1994, and incorporated herein by reference.*
- 10.10 Option and License Agreement, dated July 1, 1993, between Cytogen Corporation and Sloan-Kettering Institute for Cancer Research. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1994, and incorporated herein by reference.*
- 10.11 Cytogen Corporation Amended and Restated 1995 Stock Option Plan. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference. +
- 10.12 Horosziewicz Cytogen Agreement, dated April 20, 1989, between Cytogen Corporation and Julius S. Horosziewicz, M.D., DMSe. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1995, and incorporated herein by reference.*
- 10.13 Marketing and Co-Promotion Agreement between Cytogen Corporation and C.R. Bard, Inc. effective August 1, 1996. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended September 30, 1996, and incorporated herein by reference.*
- 10.14 Severance Agreement effective as of March 26, 1996 between Cytogen Corporation and John D. Rodwell, Ph.D. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1996, and incorporated herein by reference. +

- 10.15 Cytogen Corporation Employee Stock Purchase Plan, as amended. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference. +
- 10.16 License Agreement between Targon Corporation and Elan Corporation, plc dated July 21, 1997. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended June 30, 1997, and incorporated herein by reference.*
- 10.17 Convertible Promissory Note dated as of August 12, 1998 between Cytogen Corporation and Elan International Services, Ltd. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended June 30, 1998, and incorporated herein by reference.

- 10.18 Employment agreement effective as of August 20, 1998 between Cytogen Corporation and H. Joseph Reiser. Filed as an exhibit to Form 10-Q Quarterly Report for the quarter ended September 30, 1998, and incorporated herein by reference. +
- 10.19 License Agreement by and between Berlex Laboratories, Inc. and Cytogen Corporation dated as of October 28, 1998. Filed as an exhibit to Form 10-Q/A-1 Amendment to Quarterly Report for the quarter ended September 30, 1998, and incorporated herein by reference.
- 10.20 Manufacturing Space Agreement between Bard BioPharma L.P. and Cytogen Corporation dated as of January 7, 1999. Filed as an exhibit to Form S-1/A-1 Amendment to Registration Statement, filed with the Commission on January 27, 1999, and incorporated herein by reference.
- 10.21 Employment Agreement effective as of June 10, 1997 between Cytogen Corporation and Donald F. Crane, Jr. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1999, and incorporated herein by reference. +
- 10.22 Amended and Restated 1999 Stock Option Plan for Non-Employee Directors. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference.
- 10.23 Strategic Alliance Agreement between AxCell Biosciences Corporation and InforMax, Inc. dated as of September 15, 1999. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1999, and incorporated herein by reference.*
- 10.24 AxCell Biosciences Corporation Employee Stock Option Plan. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1999, and incorporated herein by reference. +
- 10.25 Master Loan and Security Agreement No. S7600 among Cytogen Corporation, AxCell Biosciences Corporation and Finova Capital Corporation dated December 30, 1999. Filed as an exhibit to Form 10-K Annual Report for the year ended December 31, 1999, and incorporated herein by reference.
- 10.26 Amendment No. 1 to Marketing and Co-Promotion Agreement effective as of January 1, 2000 by and between Cytogen Corporation and C.R. Bard, Inc. Filed as an exhibit to the Company's Quarterly Report on Form

- 10-Q for the quarter ended June 30, 2000, and incorporated herein by reference.
- 10.27 License and Marketing Agreement by and between Cytogen Corporation and Advanced Magnetics, Inc. dated August 25, 2000. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2000, and incorporated herein by reference.*
- 10.28 Development and Manufacturing Agreement by and between Cytogen Corporation and DSM Biologics Company B.V. dated July 12, 2000. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2000, and incorporated herein by reference.*
- 10.29 Common Stock Purchase Agreement, dated September 29, 2000, by and between Cytogen Corporation and Acqua Wellington North American Equities Fund, Ltd. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on October 5, 2000, and incorporated herein by reference.
- 10.30 Common Stock Purchase Agreement, dated October 4, 2000, by and between Cytogen Corporation and Acqua Wellington North American Equities Fund, Ltd. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on October 12, 2000, and incorporated herein by reference.

- 10.31 Written Compensatory Agreement by and between Cytogen Corporation and H. Joseph Reiser dated August 24, 1998, as revised on July 11, 2000. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-48454), filed with the Commission on October 23, 2000, and incorporated herein by reference. +
- 10.32 Written Compensatory Agreement by and between Cytogen Corporation and Lawrence Hoffman dated July 10, 2000. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-48454), filed with the Commission on October 23, 2000, and incorporated herein by reference. +
- 10.33 Product Manufacturing and Supply Agreement by and between Cytogen Corporation and Draximage Inc. dated December 5, 2000. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2000, and incorporated herein by reference. *
- 10.34 License and Distribution Agreement by and between Cytogen Corporation and Draximage Inc. dated December 5, 2000. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2000, and incorporated herein by reference. *
- 10.35 Form of Executive Change of Control Severance Agreement by and between the Company and each of its Executive Officers. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2001, and incorporated herein by reference. +
- 10.36.1 Lease Agreement by and between Newtown Associates, L.P. and AxCell Biosciences Corporation dated as of July 23, 1999. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2001, and incorporated herein by reference.

- 10.36.2 First Amendment to the Lease Agreement by and between 826 Newtown Associates, L.P. and AxCell Biosciences Corporation dated as of March 16, 2001. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2001, and incorporated herein by reference.
- 10.37 Cytogen Corporation Stock Payment Bonus Plan Program. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-58384), filed with the Commission on April 6, 2001, and incorporated herein by reference. +
- 10.38 MFS Fund Distributors, Inc. 401(K) Profit Sharing Plan and Trust. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-59718), filed with the Commission on April 27, 2001, and incorporated herein by reference. +
- 10.39 Adoption Agreement for MFS Fund Distributors, Inc. Non-Standardized 401(K) Profit Sharing Plan and Trust, with amendments. Filed as an exhibit to the Company's Registration Statement on Form S-8 (File No. 333-59718), filed with the Commission on April 27, 2001, and incorporated herein by reference.
- 10.40 Cytogen Corporation Performance Bonus Plan with Stock Payment Program. Filed as an exhibit to Company's Registration Statement on Form S-8 (File No. 333-75304), filed with the Commission on December 17, 2001, and incorporated herein by reference. +
- 10.41 Share Purchase Agreement by and between Cytogen Corporation and the State of Wisconsin Investment Board dated as of June 18, 2001. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on June 19, 2001, and incorporated herein by reference.
- 10.42 Share Purchase Agreement by and between Cytogen Corporation and the State of Wisconsin Investment Board dated as of January 18, 2002. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on January 24, 2002, and incorporated herein by reference.

- 10.43 Limited Liability Company Agreement of PSMA Development Company LLC by and between Cytogen Corporation, Progenics Pharmaceuticals, Inc. and the PSMA Development Company LLC dated June 15, 1999. Filed as an exhibit to the Company's Registration Statement on Form S-3, filed with the Commission on July 20, 1999, and incorporated herein by reference.
- 10.44 Amendment No. 1 to Limited Liability Company Agreement of PSMA Development Company LLC by and between Cytogen Corporation, Progenics Pharmaceuticals, Inc. and PSMA Development Company LLC dated as of March 22, 2002. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q, filed with the Commission on May 14, 2002, and incorporated herein by reference.
- 10.45 Sublease Agreement by and between Cytogen Corporation and Hale and Dorr LLP dated as of May 23, 2002. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q, filed with the Commission on August 14, 2002, and incorporated herein by reference.
- 10.46 Addendum to Stock Exchange Agreement among Cytogen Corporation and the Shareholders and Debtholders of Prostagen, Inc. dated as of May

- 14, 2002, and amended as of August 13, 2002. Filed as an exhibit to the Company's Quarterly Report on Form 10-Q, filed with the Commission on August 14, 2002, and incorporated herein by reference.
- 10.47 Distribution Agreement by and between Cytogen Corporation and Matritech Inc. dated October 18, 2002. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference. **
- 10.48 Written Compensatory Agreement by and between Cytogen Corporation and Michael D. Becker dated December 17, 2002. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference. +
- 10.49 Contract Manufacturing Agreement by and between Cytogen Corporation and Laureate Pharma L.P. dated January 15, 2003. Filed herewith. **
- 10.50 Quality Agreement by and between Cytogen Corporation and Laureate Pharma L.P. dated January 15, 2003. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference. **
- 16.1 Letter from Arthur Andersen LLP to the Securities and Exchange Commission dated May 20, 2002. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on May 20, 2002, and incorporated herein by reference.
- 16.2 Letter from Arthur Andersen LLP to the Securities and Exchange Commission dated May 22, 2002. Filed as an exhibit to the Company's Current Report on Form 8-K/A, filed with the Commission on May 22, 2002, and incorporated herein by reference.
- 16.3 Letter from Arthur Andersen LLP to the Securities and Exchange Commission dated May 24, 2002. Filed as an exhibit to the Company's Current Report on Form 8-K, filed with the Commission on May 24, 2002, and incorporated herein by reference.
- Subsidiaries of Cytogen Corporation. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference.
- 23.1 Consent of KPMG LLP. Filed herewith.

- 23.2 Consent of PricewaterhouseCoopers. Filed herewith.
- 31.1 Certification of President and Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. Filed herewith.
- 31.2 Certification of Vice President and Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. Filed herewith.
- 32.1 Certification of President and Chief Executive Officer pursuant to U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Filed herewith.

- 32.2 Certification of Vice President and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Filed herewith.
- 99.1 Code of Ethics of Cytogen Corporation adopted by the Company as of March 2003. Filed as an exhibit to the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Commission on March 31, 2003, and incorporated herein by reference.
- + Management contract or compensatory plan or arrangement.
- * We have received confidential treatment of certain provisions contained in this exhibit pursuant to an order issued by the Securities and Exchange Commission. The copy filed as an exhibit omits the information subject to the confidentiality grant.
- ** We have submitted an application for confidential treatment with the Securities and Exchange Commission with respect to certain provisions contained in this exhibit. The copy filed as an exhibit omits the information subject to the confidentiality application.
 - (b) Reports on Form 8-K:

We filed two current reports on Form 8-K during the quarter ended December 31, 2002.

On October 25, 2002, we filed a current report on Form 8-K with the Securities and Exchange Commission reporting the results of our special meeting of stockholders held on October 25, 2002, and that we filed a Certificate of Amendment to our Restated Certificate of Incorporation, as amended, with the Secretary of State of the State of Delaware to affect a one-for-ten reverse stock split of all outstanding, issued and authorized shares of our common Stock, \$0.01 par value per share.

On December 17, 2002, we filed a current report on Form 8-K with the Securities and Exchange Commission reporting certain changes to our senior management team.

(c) Exhibits:

The Exhibits filed with this Form 10-K are listed above in response to Item 15(a)(3).

(d) Financial Statement Schedules:

None.

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SIGNATURES

Pursuant to the requirements of Section 13 or $15\,(d)$ of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized on the 19th day of September 2003.

Cytogen Corporation

By: /s/ Michael D. Becker

Michael D. Becker,

President and Chief Executive Officer

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Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

| | Signature | Title |
|-----|---|--|
| By: | /s/ Michael D. Becker | Chief Executive Officer and President (Principal Executive Officer and Director) |
| By: | | Vice President, Chief Financial Officer |
| Ву: | Christopher P. Schnittker /s/ John E. Bagalay, Jr. | Officer) Director |
| By: | John E. Bagalay, Jr. | Director |
| 2,1 | Allen Bloom | |
| Ву: | /s/ Stephen K. CarterStephen K. Carter | Director |
| By: | /s/ James A. Grigsby | Director and Chairman of the Board |
| Ву: | James A. Grigsby /s/ Robert F. Hendrickson | Director |
| By: | Robert F. Hendrickson /s/ Kevin G. Lokay | Director |
| 1 | Kevin G. Lokay | |
| By: | /s/ H. Joseph ReiserH. Joseph Reiser | Director |

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Form 10-K Item 15(a)(1) and (2)

CYTOGEN CORPORATION AND SUBSIDIARIES

(1) Index to Financial Statements

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INDEPENDENT AUDITOR'S REPORT

The Board of Directors and Stockholders Cytogen Corporation:

We have audited the accompanying consolidated balance sheet of Cytogen Corporation and subsidiaries as of December 31, 2002 and the related consolidated statements of operations, stockholders' equity and cash flows for the year then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit. We did not audit the financial statements of PSMA Development Company LLC (a development stage enterprise), a 50% owned unconsolidated investee company. The Company's equity interest in the loss of PSMA Development Company LLC was \$2.9 million for the year ended December 31, 2002. The financial statements of PSMA Development Company LLC were audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for PSMA Development Company LLC, is based solely on the report of the other auditors. The consolidated financial statements of Cytogen Corporation and subsidiaries as of December 31, 2001 and for each of the years in the two-year period ended December 31, 2001, were audited by other auditors who have ceased operations. Those auditors' report dated February 5, 2002, on those consolidated financial statements was unqualified before the restatement described in Note 1 to the consolidated financial statements, and included an explanatory paragraph that

described the change in Cytogen Corporation's method of accounting for revenue recognition discussed in Note 1 to the consolidated financial statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit and the report of other auditors provides a reasonable basis for our opinion.

In our opinion, based on our audit and the report of other auditors, the 2002 consolidated financial statements referred to above present fairly, in all material respects, the financial position of Cytogen Corporation and subsidiaries as of December 31, 2002, and the results of their operations and their cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

As discussed above, the consolidated financial statements of Cytogen Corporation and subsidiaries as of December 31, 2001 and for each of the years in the two-year period ended December 31, 2001, were audited by other auditors who have ceased operations. As described in Note 1, the Company implemented a reverse stock split in 2002, and the number of shares and per share amounts in the accompanying 2001 and 2000 consolidated financial statements have been restated to reflect such reverse stock split. We audited the adjustments that were applied to restate the number of shares and per share amounts reflected in the 2001 and 2000 consolidated financial statements for the reverse stock split. In our opinion, such adjustments are appropriate and have been properly applied. However, we were not engaged to audit, review or apply any procedures to the 2001 and 2000 consolidated financial statements of Cytogen Corporation and subsidiaries, other than with respect to such adjustments and, accordingly, we do not express an opinion or any form of assurance on the 2001 and 2000 consolidated financial statements taken a whole.

/s/ KPMG LLP

Princeton, New Jersey January 31, 2003

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Report of Independent Accountants

To the Board of Directors and Stockholders of PSMA Development Company LLC:

In our opinion, the accompanying balance sheets and the related statements of operations, of stockholders' (deficit) equity and of cash flows present fairly, in all material respects, the financial position of PSMA Development Company LLC (the "Company") (a development stage enterprise) at December 31, 2001 and 2002,

and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2002 and the cumulative period from June 15, 1999 (inception) to December 31, 2002, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Company's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audit of these financial statements in accordance with auditing standards generally accepted in the United States of America which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

PricewaterhouseCoopers LLP

New York, New York February 14, 2003, except for Notes 1 and 3, as to which the date is March 28, 2003

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THE FOLLOWING IS A COPY OF A REPORT ISSUED BY ARTHUR ANDERSEN LLP, AND INCLUDED IN CYTOGEN CORPORATION'S ANNUAL REPORT ON FORM 10-K FOR THE YEAR ENDED DECEMBER 31, 2001. THIS REPORT HAS NOT BEEN REISSUED BY ARTHUR ANDERSEN, AND ARTHUR ANDERSEN HAS NOT CONSENTED TO ITS USE IN THIS ANNUAL REPORT ON FORM 10-K FOR THE YEAR ENDED DECEMBER 31, 2002. ALL NUMBERS SET FORTH IN THIS FORM 10-K REFLECT THE EFFECT OF A ONE-FOR-TEN REVERSE STOCK SPLIT EFFECTIVE OCTOBER 25, 2002.

REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS

To Cytogen Corporation:

We have audited the accompanying consolidated balance sheets of Cytogen Corporation (a Delaware Corporation) and Subsidiaries as of December 31, 2001 and 2000, and the related consolidated statements of operations, stockholders' equity and cash flows for each of the three years in the period ended December 31, 2001. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence

supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Cytogen Corporation and Subsidiaries as of December 31, 2001 and 2000 and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2001, in conformity with accounting principles generally accepted in the United States.

As explained in Note 1 to the consolidated financial statements, effective January 1, 2000, the Company changed its method of accounting for revenue recognition.

ARTHUR ANDERSEN LLP

Philadelphia, Pennsylvania February 5, 2002

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CYTOGEN CORPORATION AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS (All amounts in thousands, except share and per share data)

| | Dece | ember 31, |
|---|--|----------------------|
| | 2002 | 20 |
| ASSETS: Current Assets: Cash and cash equivalents Marketable securities Receivable on income tax benefit sold Accounts receivable, net Inventories Other current assets | \$ 14,725 - - 1,778 1,262 643 | \$ 11 1 1 1 |
| Total current assets | 18,408 | 17 |
| Property and Equipment, net | 1,072 | 1 |
| Other Assets | 414 | 1 |
| | \$ 19,894 | \$ 21 |
| | ======= | ==== |

LIABILITIES AND STOCKHOLDERS' EQUITY:

| Current Liabilities: Current portion of long-term liabilities | \$ 80 4,427 385 | \$ 5 |
|---|--|---------------|
| Total current liabilities | 4,892 | 5 |
| Long-Term Liabilities | 2,614 | 2 |
| Deferred Revenue | 1,800 | 2 |
| Commitments and Contingencies (Note 16) | | |
| Stockholders' Equity: Preferred stock, \$.01 par value, 5,400,000 shares authorized - Series C Junior Participating Preferred Stock, \$.01 par value, 200,000 shares authorized, none issued and outstanding | - | |
| Common stock, \$.01 par value, 25,000,000 shares authorized, 8,758,235 and 7,893,734 shares issued and outstanding at December 31, 2002 and 2001, respectively | 88 366,884 (4) - (356,380) | 351 |
| Total stockholders' equity | 10,588 | 11 |
| | \$ 19,894 | \$ 21 ==== |

The accompanying notes are an integral part of these statements.

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CYTOGEN CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS
(All amounts in thousands, except per share data)

| | Year Ended I | |
|--|--------------------------|------------------|
| | 2002 | 2001 |
| Revenues: Product related: ProstaScint BrachySeed Others | \$ 7,923 2,507 196 | \$ 7,6 7 3 |
| Total product sales | 10,626 | 8 , 7 |

| Quadramet royalties | 1,842 | 2,0 |
|---|---------------------|------------------|
| Total product related | 12,468 | 10,8 |
| License and contract | 463 | 9 |
| Total revenues | 12,931 | 11 , 7 |
| Operating Expenses: | | |
| Cost of product related revenues | 4,748 1,729 | 4,2 |
| Impairment of intangible assets | 7,605 | 10,0 |
| Acquisition of marketing and technology rights | - | 10,0 |
| Equity loss in PSMA LLC | 2,886 | 3 |
| Selling and marketing | 5,846 | 6 , 3 |
| General and administrative | 5,401 | 4,8 |
| Total operating expenses | 20 215 | 25 0 |
| Total operating expenses | 28 , 215 | 25 , 8 |
| Operating loss | (15,284) | (14,0 |
| Insurance reimbursement | _ | 4 |
| Loss on investment | (516) | |
| Interest income | 274 | 6 |
| Interest expense | (173) | (1 |
| Loss before income taxes and cumulative effect | | |
| of accounting change | (15,699) | (13,2 |
| Income tax benefit | - | (1,1 |
| | | |
| Loss before cumulative effect of accounting change Cumulative effect of accounting change (Note 1) | (15,699) - | (12,1 |
| Net loss | \$(15,699) ===== | \$(12,1 ===== |
| Net loss per share: | | |
| Basic and diluted net loss before cumulative | | |
| effect of accounting change | \$ (1.85) - | \$ (1. |
| Basic and diluted net loss | \$ (1.85) | \$ (1. ===== |
| | | |
| Weighted average common shares outstanding | 8,466 ===== | 7,7 ===== |
| | | |

The accompanying notes are an integral part of these statements.

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CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (All amounts in thousands, except share data)

| | Common Stock | Additional Paid-in Capital | Deferred Compen- sation | Accumulat Other Compre hensiv Income |
|---|-----------------|----------------------------------|-------------------------------|--|
| Balance, December 31, 1999 | \$ 71 | \$ 311,843 | \$ (82) | \$ - |
| Sale of 356,777 shares of common stock; including exercise of stock options Issuance of 150,000 shares of common stock in connection with the acquisition of | 4 | 10,374 | - | - |
| product candidates marketing rights | 1 | 13,078 | - | _ |
| shares of common stock Deferred compensation related to | - | 261 | _ | _ |
| stock options | - | 1,062 - | (1,062) 249 | _ |
| Net loss | | - | - | |
| Balance, December 31, 2000 | 76 | 336,618 | (895) | - |
| Sale of 324,149 shares of common stock; including exercise of stock options | 3 | 14,235 | - | - |
| stock options related to compensation Issuance of options and warrants to purchase | - | 282 | _ | _ |
| shares of common stock Deferred compensation related to | - | 201 | - | _ |
| stock options | <u> </u> | 241 | (241) 515 | - |
| Net loss Unrealized gain on marketable | - | _ | _ | _ |
| securities | - | _ | _ | 860 |
| Total comprehensive loss | | | | |
| Balance, December 31, 2001 | 79 | 351,577 | (621) | 860 |
| Sale of 716,290 shares of common stock; including exercise of stock options | 7 | 12,966 | - | _ |
| Issuance of 20,512 shares of common stock and stock options related to compensation Issuance of 127,699 shares of common stock | 1 | 736 | - | _ |
| in connection with Prostagen | 1 | 2,038 | - | - |
| stock options | _ _ | (433) - | 433 184 | - |
| Net loss Unrealized loss on marketable securities | _ _ | - | - | (860) |

Total comprehensive loss

| Balance, December 31, 2002 | \$ 88 | \$ 366,884 | \$ (4) | \$ - |
|----------------------------|-------|------------|--------|------|
| | ===== | | | |

The accompanying notes are an integral part of these statements.

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CYTOGEN CORPORATION AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS (All amounts in thousands)

| | | ar Ended Decemb | |
|--|------------|-----------------|-------|
| | 2002 | 2001 | |
| Cash Flows From Operating Activities: | | | |
| Net loss | \$(15,699) | \$(12,100) | \$ (2 |
| Depreciation and amortization | 779 | 1,186 | |
| Imputed interest (income) expense | _ | (43) | |
| Stock based compensation expenses | 655 | 809 | |
| Stock based milestone payment | 2,033 | _ | |
| Amortization of deferred revenue | (410) | (860) | |
| Acquisition of marketing and technology rights | _ | _ | 1 |
| Cumulative effect of accounting change | _ | _ | |
| Asset impairment | 2,446 | _ | |
| Loss on investment | 516 | _ | |
| Gain on sale of property and equipment | _ | - | |
| Receivables, net | 946 | 263 | |
| Inventories | 627 | (1,006) | |
| Other assets | 548 | 24 | (|
| Accounts payable and accrued liabilities | (692) | (1,714) | |
| Net cash used in operating activities | (8,251) | (13,441) | |
| Cash Flows From Investing Activities: | | | |
| Purchases of property and equipment | (148) | (813) | |
| Purchase of product rights | (1,150) | (500) | |
| Net proceeds from sale of property and equipment | 100 | _ | |
| Decrease in short-term investments | | | |
| Net cash provided by (used in) investing activities | (1,198) | (1,313) | |
| | | | |
| Cash Flows From Financing Activities: | | | |
| Proceeds from issuance of common stock | 12,973 | 14,238 | 10 |
| Payments of long-term liabilities | (108) | (168) | |
| Net cash provided by financing activities | 12,865 | 14,070 | 10 |
| Net increase (decrease) in cash and cash equivalents | 3,416 | (684) | |
| Cash and cash equivalents, beginning of year | 11,309 | 11,993 | 10 |

Cash and cash equivalents, end of year \$ 14,725 \$ 11,309 \$ 11

The accompanying notes are an integral part of these statements.

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CYTOGEN CORPORATION AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Business

Cytogen Corporation ("Cytogen" or the "Company") of Princeton, New Jersey is a product-driven, oncology-focused biopharmaceutical company. The Company markets oncology products through its in-house sales force: ProstaScint(R) (a monoclonal antibody-based imaging agent used to image the extent and spread of prostate cancer) and NMP22(R) BladderChek(TM) (a point-of-care test for bladder cancer detection). The Company has also developed Quadramet(R), a skeletal targeting therapeutic radiopharmaceutical for the relief of bone pain in prostate and other types of cancer, for which the Company receives royalties on product sales through Berlex Laboratories, the United States affiliate of Schering AG Germany, which markets the product in the United States. The Company's pipeline comprises product candidates at various stages of clinical development, including fully human monoclonal antibodies and cancer vaccines based on PSMA (prostate specific membrane antigen) technology, which the Company exclusively licensed from Memorial Sloan-Kettering Cancer Center. The Company also conducts research in cell signaling through its AxCell Biosciences research subsidiary in Newtown, Pennsylvania.

In August 2000, we expanded our product pipeline by entering into marketing, license and supply agreements with Advanced Magnetics, Inc. for Combidex(R), which is an investigational magnetic resonance imaging (MRI) contrast agent that assists in the differentiation of metastatic from non-metastatic lymph nodes. We hold exclusive United States marketing rights to Combidex. Advanced Magnetics is continuing its discussions with the FDA relating to outstanding issues regarding an approvable letter received from the FDA dated June 2000, in an effort to bring Combidex to market.

Basis of Consolidation

The consolidated financial statements include the accounts of Cytogen and its subsidiaries. Intercompany balances and transactions have been eliminated in consolidation.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Statements of Cash Flows

Cash and cash equivalents include cash on hand, cash in banks and all highly liquid investments with maturities of three months or less at the time of purchase. Cash paid for interest expense was \$169,000, \$180,000 and \$99,000 in 2002, 2001 and 2000, respectively. During 2002, 2001 and 2000, the Company purchased \$189,000, \$11,000 and \$49,000, respectively, of equipment under various capital leases.

Marketable Securities

In connection with the acquisition of Prostagen Inc. in June 1999 (see Note 5), the Company received 275,350 shares of Northwest Biotherapeutics, Inc. ("Northwest") common stock. The Company had classified this investment as available-for-sale securities. The fair value of Northwest stock, based on quoted market prices, had significantly decreased from the Company's original carrying value of this investment of \$516,000. Based on the evaluation of the financial condition of Northwest and the significant decline in stock price, management concluded that the carrying amount of this investment would not be recoverable. Accordingly, the Company recorded a non-cash charge of \$516,000 related to the other than temporary decline in the value of this investment during 2002.

Receivables

At both December 31, 2002 and 2001, accounts receivable were net of an allowance for doubtful accounts of \$30,000. There was no expense charged to the provision for doubtful accounts during 2002, 2001 and 2000. The Company wrote off \$0,\$5,000 and \$47,000 of uncollectible accounts in 2002, 2001 and 2000, respectively.

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At December 31, 2001, the Company had a \$1.1 million receivable due from Public Service Electric and Gas Company relating to the sales of New Jersey State operating loss carryforwards and research and development credits. The Company received the proceeds from this receivable in January 2002.

Inventories

The Company's inventories are primarily related to ProstaScint and NMP22 BladderChek. Inventories are stated at the lower of cost or market using the first-in, first-out method and consisted of the following:

| | December 31, | |
|-----------------|--------------|-------------|
| | | |
| | 2002 | 2001 |
| - | | |
| Raw materials | \$ 506,000 | \$ 506,000 |
| Work-in process | 39,000 | 1,371,000 |
| Finished goods | 717,000 | 12,000 |
| | | |
| | | |
| | \$1,262,000 | \$1,889,000 |
| | ======= | ======== |

Property and Equipment

Property and equipment are stated at cost, net of depreciation. Leasehold improvements are amortized on a straight-line basis over the lease period or the estimated useful life, whichever is shorter. Equipment and furniture are

depreciated on a straight-line basis over three to five years. Expenditures for repairs and maintenance are charged to expense as incurred. Property and equipment consisted of the following:

| | December 31, | |
|--|--------------------------|---------------------------|
| | 2002 | 2001 |
| Leasehold improvements | \$ 103,000 2,420,000 | \$ 3,425,000 6,224,000 |
| Less - accumulated depreciation and amortization | 2,523,000 (1,451,000) | 9,649,000 (7,818,000) |
| | \$ 1,072,000 ===== | \$ 1,831,000 ====== |

In 2002, the Company wrote off approximately \$1.7 million of fully depreciated property and equipment, and sold \$5.3 million of its manufacturing property and equipment which had a net value of \$100,000 to Bard BioPharma L.P., a subsidiary of Purdue Pharma L.P., for proceeds of \$100,000. Depreciation expense was \$600,000, \$1.2 million, and \$1.0 million in 2002, 2001, and 2000, respectively.

Fair Value of Financial Instruments

The Company's financial instruments consist primarily of cash and cash equivalents, marketable securities, accounts receivable, accounts payable, accrued expenses and long-term debt. Management believes the carrying value of these assets and liabilities are considered to be representative of their fair market value.

Impairment of Long-Lived Assets

In accordance with Statement of Financial Accounting Standards (SFAS) No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," if indicators of impairment exist, management assesses the recoverability of the affected long-lived assets by determining whether the carrying value of such assets can be recovered through undiscounted future operating cash flows and eventual disposition of the asset. If impairment is indicated, management measures the amount of such impairment by comparing the carrying value of the assets to the present value of the expected future cash flows associated with the use of the

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asset. During the fourth quarter of 2002, the Company recorded a charge of \$1.7 million for the asset impairment associated with licensing fees paid by the Company related to BrachySeed I-125 and BrachySeed Pd-103 (See Note 4).

Other Assets

Other assets consisted of the following:

| | 2002 | 2001 |
|---|-----------|------------------|
| | | |
| | | |
| NMP22 BladderChek license fee, net | \$145,000 | \$ - |
| BrachySeed I-125 license fee, net (Note 4) | _ | 903,000 |
| Investment in PSMA Development Co. LLC (Note 6) | 1,000 | 588 , 000 |
| Other | 268,000 | 364,000 |
| | | |
| | \$414,000 | \$1,855,000 |
| | | |

Revenue Recognition

Product related revenues include product sales by Cytogen to its customers and Quadramet royalties. Product sales are recognized upon shipment of the finished goods. The Company does not grant price protection to its customers. Royalties are recognized as revenue when earned.

License and contract revenues include milestone payments and fees under collaborative agreements with third parties, revenues from contract manufacturing and research services, and revenues from other miscellaneous sources. In 2000, the Company discontinued contract manufacturing services, concurrent with the sale of the manufacturing and laboratory facilities and therefore has received no revenue from this source since 2000.

Effective January 1, 2000, the Company adopted U.S. Securities and Exchange Commission Staff Accounting Bulletin No. 101, "Revenue Recognition in Financial Statements" ("SAB 101"), which, as applied to the Company, requires up-front, non-refundable license fees to be deferred and recognized over the performance period. The cumulative effect of adopting SAB 101 resulted in a one-time, non-cash charge of \$4.3 million or \$0.59 per share, which reflects the deferral of an up-front license fee received from Berlex Laboratories, Inc. ("Berlex"), net of associated costs, related to the licensing of Quadramet recognized in October 1998 and a license fee for certain applications of PSMA to a joint venture formed by Cytogen and Progenics Pharmaceuticals Inc. ("Progenics") recognized in June 1999 (see Note 6). Previously, the Company had recognized up-front license fees when the Company had no obligations to return the fees under any circumstances. Under SAB 101, these payments are recorded as deferred revenue to be recognized over the remaining term of the related agreements. For the years ended December 31, 2002, 2001 and 2000, the Company recognized \$410,000, \$860,000 and \$859,000 in revenues, respectively, that were included in the cumulative effect adjustment as of January 1, 2000.

Prior year financial statements have not been restated to apply SAB 101 retroactively; however, the following pro forma amounts present the net loss to common stockholders and net loss per share assuming the Company had retroactively applied SAB 101.

| | Year Ended December 31, 2000 |
|---------------------------------|---------------------------------|
| Net loss, as reported | \$(27,298,000) |
| Net loss per share, as reported | \$ (3.72) ====== |
| Pro forma net loss | \$(22,984,000) ====== |

Pro forma net loss per share...... \$ (3.13)

In accordance with Emerging Issues Task Force ("EITF") 00-10, the Company records shipping and handling charges billed to customers as revenue and the related costs as cost of product sales.

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Research and Development

Research and development expenditures consist of projects conducted by the Company and payments made to sponsored research programs and consultants. All research and development costs are charged to expense as incurred. Research and development expenditures for customer sponsored programs were \$53,000, \$17,000 and \$45,000 in 2002, 2001 and 2000, respectively.

Patent Costs

Patent costs are charged to expense as incurred.

Income Taxes

The Company accounts for income taxes under the asset and liability method in accordance with SFAS No. 109, "Accounting for Income Taxes." Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

Net Loss Per Share

Basic net loss per common share is based upon the weighted average common shares outstanding during each period. Diluted net loss per common share is the same as basic net loss per share, as the inclusion of common stock equivalents would be antidilutive due to the Company's losses (see Note 12).

Reverse Stock Split

On October 25, 2002, upon the receipt of approval of the Company's stockholders, the Company's Board of Directors authorized and implemented a reverse stock split (the "Reverse Split") of Cytogen's issued, outstanding and authorized shares of common stock at a ratio of one-for-ten. All references in the accompanying consolidated financial statements to the number of shares and per share amounts have been retroactively restated to reflect the Reverse Split.

Stock-based Compensation

The Company follows the intrinsic value method of accounting for stock-based employee compensation in accordance with APB Opinion No. 25, "Accounting for Stock Issued to Employees", and related interpretations. The Company records deferred compensation for option grants to employees for the amount, if any, by which the market price per share exceeds the exercise price per share at the measurement date, which is generally the grant date. In addition, the Company applies fair value accounting for option grants to non-employees in accordance with SFAS No. 123, "Accounting for Stock-Based Compensation" and EITF Issue

96-18, "Accounting for Equity Instruments That Are Issued to Other Than Employees for Acquiring, or in Conjunction with Selling, Goods or Services."

The Company follows the disclosure provisions of SFAS 123, as amended by SFAS No. 148, "Accounting for Stock-Based Compensation - Transition and Disclosure." Had compensation cost for options been recognized in the consolidated statements of operations using the fair value method of accounting, the Company's net loss and net loss per share would have been:

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| | Y | ear Ended December | 31 |
|---|---------------------------|--------------------------|----|
| | 2002 | 2001 | |
| Net loss, as reported | \$(15,699,000) | \$(12,100,000) | : |
| Add: Stock-based employee compensation expense included in reported net loss Deduct: Total stock-based employee | 184,000 | 515,000 | |
| compensation expense determined under fair value-based method for all awards | (4,000,000) | (5,838,000) | - |
| Pro forma net loss | \$(19,515,000) ======= | \$(17,423,000) ====== | : |
| Basic and diluted net loss per share, as reported Pro forma basic and diluted net loss per share | \$(1.85) \$(2.31) | \$(1.56) \$(2.24) | |

Other Comprehensive Income

The Company follows SFAS No. 130, "Reporting Comprehensive Income." This statement requires the classification of items of other comprehensive income by their nature and disclosure of the accumulated balance of other comprehensive income separately from retained earnings and additional paid-in capital in the equity section of the balance sheet.

Recent Accounting Pronouncements

In June 2002, the FASB issued Statement of Financial Accounting Standard No. 146, "Accounting for Exit or Disposal Activities." SFAS 146 addresses significant issues regarding the recognition, measurement and reporting of costs associated with exit and disposal activities, including restructuring activities. SFAS 146 also addresses recognition of certain costs related to terminating a contract that is not a capital lease, costs to consolidate facilities or relocate employees and termination of benefits provided to employees that are involuntarily terminated under the terms of a one-time benefit arrangement that is not an ongoing benefit arrangement or an individual deferred compensation contract. SFAS 146 is effective for exit or disposal activities that are initiated after December 31, 2002.

Reclassifications

Certain amounts in prior years consolidated financial statements have been reclassified to conform the current year presentation.

2. DSM BIOLOGICS COMPANY B.V.

In July 2000, the Company entered into a Development and Manufacturing Agreement with DSM Biologics Company B.V. ("DSM"), pursuant to which DSM was to conduct certain development activities with respect to ProstaScint, including the delivery of a limited number of batches of ProstaScint for testing and evaluation purposes. During 2002, the parties ceased to operate under the terms of such agreement. In 2002, 2001 and 2000, the Company recorded \$551,000, \$3.2 million and \$559,000, respectively, of development expenses related to this agreement.

3. ADVANCED MAGNETICS, INC.

In August 2000, the Company and Advanced Magnetics, Inc., a developer of novel diagnostic pharmaceuticals for use in magnetic resonance imaging (MRI), entered into marketing, license and supply agreements ("AVM Agreements"). Under the AVM Agreements, Cytogen acquired certain United State's rights to Advanced Magnetics' product candidates: Combidex(R), MRI contrast agent for the detection of lymph node metastases (for all applications) and imaging agent Code 7228 (for oncology applications only). Advanced Magnetics will be responsible for all costs associated with the clinical development, supply and manufacture of Combidex and Code 7228 and will receive royalties based upon product sales.

In exchange for the future marketing rights to Combidex (for all applications) and Code 7228 (for oncology applications only), Cytogen issued 150,000 shares of its Common Stock to Advanced Magnetics at closing and may issue an additional 50,000 shares, which are currently in escrow, subject to the achievement of

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certain milestones. Of such 50,000 shares, 25,000 are being held in escrow pending the achievement of certain milestones relating to Combidex and 25,000 are being held in escrow pending the achievement of certain milestones relating to Code 7228. Since the Advanced Magnetics' product candidates have not yet received FDA approval, the Company recorded a \$13.2 million charge in the 2000 consolidated statement of operations for the acquisition of marketing and technology rights, of which \$13.1 million was non-cash and represented the fair value of the 150,000 shares of Common Stock issued. There can be no assurance that Advanced Magnetics will receive FDA approval to market Combidex or Code 7228 for oncology applications in the United States. At this time, Advanced Magnetics does not intend to develop Code 7228 for oncology imaging.

4. DRAXIMAGE INC.

In December 2000, the Company entered into a Product Manufacturing and Supply Agreement with Draximage, Inc. to market and distribute BrachySeed implants for prostate cancer therapy in the United States. Under the terms of the agreement, Draximage supplied radioactive iodine and palladium seeds to Cytogen in exchange for product transfer payments, royalty payments on sales and certain milestone payments. Cytogen paid Draximage \$500,000 upon execution of the contract in 2000, \$500,000 upon the first sale of the Iodine-125 BrachySeeds in 2001 and \$1.0 million related to the first sale of BrachySeed Pd-103 in 2002. These payments were recorded as other assets in the accompanying consolidated balance sheet for the respective period (see Note 1) and were being amortized over the ten year term of the Draximage Agreement. In January 2003, the Company served notice of termination for each of its License and Distribution Agreement and Product Manufacturing and Supply Agreement with Draximage with respect to both the BrachySeed I-125 and BrachySeed Pd-103 products. As a result, effective January 24, 2003, the Company no longer accepts or fills new orders for the BrachySeed products. In 2002, the Company recorded a non-cash charge of \$1.7 million to write off the carrying values of the licensing fees paid for

BrachySeed I-125 and BrachySeed Pd-103. Prior to the write-off of such licensing rights, amortization expense was \$174,000, \$93,000 and \$4,000 in 2002, 2001 and 2000, respectively. The Company also recorded \$503,000 and \$113,000 in royalty expense for 2002 and 2001, respectively.

5. ACQUISITION OF PROSTAGEN, INC.

Pursuant to a Stock Exchange Agreement ("Prostagen Agreement") related to the Company's acquisition of Prostagen Inc. ("Prostagen") in June 1999, the Company agreed to issue up to an additional \$4.0 million worth of Cytogen Common Stock to the shareholders and debtholders of Prostagen (the "Prostagen Partners"), if certain milestones are achieved in the dendritic cell therapy and PSMA development programs. During 2002, the Company and the Prostagen Partners agreed that a milestone was achieved based on the progress of the dendritic cell prostate cancer clinical trials at Northwest. As a result, the Company recorded a \$2.0 million charge to research and development expense which represented the fair value of the 122,699 shares of Common Stock issued. In May 2002, the Company entered into an addendum to the Prostagen Agreement (the "Addendum"), which clarifies the future milestone payments to be made under the Prostagen Agreement, as well as the timing of such payments. Pursuant to the Addendum, the Company may be obligated to pay two additional milestone payments of \$1.0million each, upon the earlier of certain clinical achievements regarding the PSMA development programs or January 2003 and July 2003, respectively, provided that the payments shall be due on these dates only if safety has been established in a completed Phase I clinical trial and the research program on immunotherapy for prostate cancer is continuing on such dates. Any future milestone payments are payable in shares of Cytogen Common Stock. In addition, the Company issued 5,000 shares of Common Stock to the Prostagen Partners in 2002 upon the satisfactory termination of a lease obligation originally assumed by the Company.

6. PROGENICS PHARMACEUTICALS, INC. JOINT VENTURE

In June 1999, Cytogen entered into a joint venture with Progenics, PSMA Development Company LLC, (the "Joint Venture"), to develop vaccine and antibody-based immunotherapeutic products utilizing Cytogen's proprietary PSMA technology. The Joint Venture is owned equally by Cytogen and Progenics. Through November 2001, Progenics funded the first \$3.0 million of development costs of the Joint Venture. Beginning in December 2001, the Company and Progenics began to equally share the future costs of the Joint Venture. Cytogen has the exclusive North American marketing rights for products developed by the Joint Venture.

The Company accounts for the Joint Venture using the equity method of accounting. As discussed above, through November 2001, Progenics was obligated to fund the initial \$3.0 million of the development costs. Beginning in December 2001, Cytogen began to recognize 50% of the Joint Venture's operating results, expected to be losses, in its consolidated statement of operations. For the year ended December 31, 2002, Cytogen recognized \$2.9 million of these losses compared to \$332,000 during the year ended December 31, 2001. As of December 31, 2002 and 2001, the carrying value of the Company's investment in the Joint Venture was \$1,000 and \$588,000, respectively, which represents Cytogen's

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investment to date in the Joint Venture, less its cumulative share of losses, which net investment is recorded in other assets (see Note 1). Selected financial statement information of the Joint Venture is as follows:

| | December 31, | |
|---------------------|--------------------------------|------------------------------|
| | 2002 | 2001 |
| Balance Sheet Data: | | |
| Cash | \$ 290, ====== | \$ 1,010,000 ==== |
| Accounts payable | \$ 304, 11,399, (11,413, | 000 6,799,000 - (500,000) |
| | \$ 290, | \$ 1,010,000 |

| | F | For the Year En | nded | For the From June |
|-----------------|--------------------------|-------------------------|---------------------|------------------------|
| | 2002 | 2001 | 2000 | - (incepti December |
| Interest income | \$ 13,000 5,786,000 | \$ 47,000 2,623,000 | | • |
| Net loss | \$(5,773,000) ======= | \$(2,576,000) ====== | \$ (989,00 ===== | 0) \$(11,41 |

In connection with the licensing of the PSMA technology to the Joint Venture in June 1999, Cytogen recognized approximately \$1.8 million in license fee revenue. In connection with the adoption of SAB 101, effective January 1, 2000 (see Note 1), the Company deferred approximately \$1.5 million of this previously recognized license fee and recognized \$150,000 \$599,000 and \$599,000 of the deferred revenue as license and contract revenue in 2002, 2001 and 2000, respectively. The remaining \$125,000 of deferred revenue will be recognized on a straight-line basis over the estimated remaining performance period of the development program.

7. THE DOW CHEMICAL COMPANY

In 1993, Cytogen acquired from The Dow Chemical Company an exclusive license for the treatment of osteoblastic bone metastases in the United States for Quadramet. This license was amended in 1995 and 1998 to expand the territory to include Canada, Latin America, Europe and Japan, in 1996 to expand the field to include all osteoblastic diseases, and in 1998 to include rheumatoid arthritis. The agreement requires the Company to pay Dow royalties based on a percentage of net sales of Quadramet, or a guaranteed contractual minimum payments, whichever is greater, and future payments upon achievement of certain milestones. The Company recorded \$1.0 million, \$824,000 and \$802,000 in royalty expense for 2002, 2001 and 2000, respectively. Future annual minimum royalties due to Dow

are \$1.0 million per year in 2003 through 2012 and \$2.0 million in 2013.

8. REVENUES FROM MAJOR CUSTOMERS

Revenues from major customers (greater than 10%) as a percentage of total revenues were as follows:

| | Year E | nded Decem | ber 31, |
|----------------------------------|--------|------------|---------|
| | 2002 | 2001 | 2000 |
| | | | |
| Berlex Laboratories Inc | 16% | 20% | 22% |
| Mallinckrodt Medical Inc | 18 | 20 | 19 |
| Medi-Physics | 12 | 12 | 7 |
| Syncor International Corporation | 9 | 11 | 11 |

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Mallinckrodt Medical Inc., Medi-Physics and Syncor International Corporation are chains of radiopharmacies, which distribute ProstaScint and OncoScint CR/OV kits.

Revenues from Berlex include the recognition of deferred $\$ revenue $\$ following the adoption of SAB 101.

As of December 31, 2002, the receivables from four of the Company's largest customers accounted for 57% of total accounts receivable.

9. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

| | December 31, | | |
|--|--------------|-------------|--|
| | 2002 | 2001 | |
| | | | |
| Accounts payable | \$1,726,000 | \$1,166,000 | |
| Accrued payroll and related expenses | 298,000 | 989,000 | |
| Accrued research contracts and materials | 238,000 | 831,000 | |
| Accrued commission and royalties | 720,000 | 250,000 | |
| Accrued professional and legal | 519,000 | 1,061,000 | |
| Facility payable and accrued restructuring | 130,000 | 462,000 | |
| Other accruals | 796,000 | 556,000 | |
| | | | |
| | \$4,427,000 | \$5,315,000 | |
| | | | |

10. LONG-TERM LIABILITIES

| | December | 31, |
|------|----------|------|
| | | |
| 2002 | 2 | 2001 |

| Due to | Elan Corporation, plc | \$2,280,000 | \$2,280,000 |
|--------|--|-------------|-------------|
| Capita | l lease obligations | 162,000 | 88,000 |
| Lease | obligation | 246,000 | _ |
| Other. | | 6,000 | _ |
| | | | |
| | | 2,694,000 | 2,368,000 |
| Less: | Current portion of long-term liabilities | (80,000) | (77,000) |
| | | | |
| | | \$2,614,000 | \$2,291,000 |
| | | ======== | ======== |

In August 1998, Cytogen received \$2.0 million from Elan Corporation, plc ("Elan") in exchange for a convertible promissory note. The note is convertible into shares of Cytogen Common Stock at \$28 per share, subject to adjustments, and matures in August 2005. The note bears annual interest of 7%, compounded semi-annually, however, such interest was not payable in cash but was added to the principal for the first 24 months; thereafter, interest is payable in cash. In 2002, 2001 and 2000, the Company recorded \$160,000, \$160,000 and \$141,000, respectively, in interest expense on this note. The note contains certain non-financial covenants.

The Company leases certain equipment under capital lease obligations, which will expire on various dates through 2005. Property and equipment leased under non-cancellable capital leases have a net book value of \$159,000 at December 31, 2002. Payments to be made under capital lease obligations (including total interest of \$9,000) are \$86,000 in 2003, \$79,000 in 2004 and \$6,000 in 2005.

In an effort to reduce expenses and position Cytogen for stronger long-term growth in oncology, the Company restructured AxCell in September 2002 by reducing 75% of AxCell's workforce. As a result, during 2002, the Company recorded a charge of \$869,000 related to employee severance costs, the impairment of property and equipment and future rental payments on leased facilities that will not be used in operations, which has been included in general and administrative expense in the accompanying consolidated statement of

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operations. As of December 31, 2002, the Company has accrued its obligations for future lease payments of \$322,000, of which \$246,000 is long-term and will be paid through 2006.

11. COMMON STOCK

In 2000, the Company sold 100,000 shares of Cytogen Common Stock to Berlex for \$1.0 million or consideration equal to \$10.00 per share upon an exercise of a warrant and 166,000 additional shares of Cytogen Common Stock for total proceeds of \$3.5 million at an average price of \$21.20 per share upon the exercises of employee stock options and other warrants.

In September 2000, the Company sold to Acqua Wellington North American Equities Fund, Ltd., ("Acqua Wellington") 90,260 registered shares of Cytogen Common Stock at an aggregate price of \$6.0 million or consideration equal to \$66.47 per share. In October 2000, the Company entered into an equity financing facility with Acqua Wellington for up to \$70 million of Common Stock. Under the terms of the agreement, Cytogen could, at its discretion, sell shares of its Common Stock to Acqua Wellington at a small discount to the market price. Pursuant to this

Equity Financing Facility, in February 2001, the Company sold to Acqua Wellington 127,656 shares of its Common Stock at an aggregate price of \$6.5 million or consideration equal to \$50.92 per share. The equity financing facility was terminated in June 2001.

In June 2001, the Company entered into a Share Purchase Agreement with the State of Wisconsin Investment Board ("SWIB"), pursuant to which the Company sold 182,000 shares of Cytogen Common Stock to SWIB for an aggregate purchase price of \$8.2 million, before transaction costs, or consideration equal to \$45.00 per share. In connection with the Share Purchase Agreement, the Company was required to discontinue the use of the Acqua Wellington equity financing facility and such agreement was terminated.

In January 2002, the Company sold 297,067 shares of Cytogen Common Stock to SWIB for an aggregate purchase price of \$8.0 million, or consideration equal to \$26.90 per share pursuant to a January 2002 Share Purchase Agreement between SWIB and the Company. In connection with our stock issuances to SWIB, the Company agreed not to enter into equity line arrangements in the future, issue certain securities at less than fair market value or undertake certain other securities issuances without requisite stockholder approval. The Company sold an additional 416,670 shares of its Common Stock to SWIB in June 2002 for an aggregate purchase price of \$5.0 million or consideration equal to \$12.00 per share.

See Note 5 for information regarding Cytogen Common Stock issued to the Prostagen Partners.

12. STOCK OPTIONS

The Company has various stock option plans that provide for the issuance of incentive and non-qualified stock options to purchase Cytogen Common Stock ("Cytogen Options") to employees, non-employee directors and outside consultants, for which an aggregate of 607,889 shares of Common Stock have been reserved. The persons to whom Cytogen Options may be granted and the number, type, and terms of the Cytogen Options vary among the plans. Cytogen Options are granted with an exercise term of 10 years and generally become exercisable in installments over periods of up to 5 years at an exercise price determined either by the plan or equal to the fair market value of the Cytogen Common Stock at the date of grant. Under certain circumstances, vesting may accelerate. Activity under these plans was as follows:

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| | Number of Cytogen Options | Price Range Per Share | Weighted Average Exercise Price Per Share | Ag E |
|--|---|--|---|-----------------------|
| Balance at December 31, 1999 Granted Exercised Cancelled | 508,000 134,050 (134,344) (38,077) | \$ 7.00 - 166.30 24.70 - 169.38 8.30 - 166.30 9.50 - 169.38 | \$20.17 63.64 23.90 26.91 | \$10 8 (3 (1 |
| Balance at December 31, 2000 | 469,629 | 7.00 - 169.38 | 30.97 | 14 |

| Granted Exercised | 74,736 (13,090) | 25.60 - 61.30 7.00 - 28.40 | 38.08 16.61 | 2 |
|---|--------------------|-------------------------------|----------------|------|
| Cancelled | (37,027) | 8.30 - 169.38 | 43.95 | (1 |
| Balance at December 31, 2001 Granted | 494,248 102,063 | 7.00 - 169.38 3.48 - 23.30 | 31.45 4.32 | 15 |
| Exercised Cancelled | (905) (123,300) | 8.13 - 20.00 8.28 - 165.00 | 18.87 42.87 | (5 |
| | | | | |
| Balance at December 31, 2002 | 472,106 | \$3.48 - 169.38 | 22.63 | \$10 |

The following table summarizes information about Cytogen stock options at December 31, 2002:

| Out | standing Cytogen Stock | Options | Exercisable | Cytogen | Stock |
|-----|------------------------|----------|-------------|---------|-------|
| | | | | | |
| | Weighted | -Average | | | |

| W | Weighted-Average Remaining | ÷ | | Weighted- |
|-----------------|--|--|--|---|
| Outstanding | Contractual | Weighted-Average | Exercisable | Exerc |
| Shares | Life | Exercise Price | Shares | Pri |
| | | | | |
| 304,751 | 3.6 | \$ 8.66 | 252,538 | \$ 9. |
| 95 , 669 | 5.8 | 27.37 | 75 , 939 | 26. |
| 24,220 | 6.4 | 47.38 | 14,796 | 46. |
| 11,383 | 7.1 | 58.40 | 10,558 | 58. |
| 2,550 | 4.1 | 78.23 | 2,430 | 77. |
| 33,333 | 0.2 | 101.41 | 33,333 | 101. |
| 200 | 7.2 | 169.38 | 140 | 169 |
| 472,106 | 4.1 | \$22.63 | 389,734 | \$23 |
| _ | Outstanding Shares 304,751 95,669 24,220 11,383 2,550 33,333 200 | Remaining Outstanding Contractual Shares Life 304,751 3.6 95,669 5.8 24,220 6.4 11,383 7.1 2,550 4.1 33,333 0.2 200 7.2 | Outstanding Contractual Weighted-Average Exercise Price 304,751 3.6 \$ 8.66 95,669 5.8 27.37 24,220 6.4 47.38 11,383 7.1 58.40 2,550 4.1 78.23 33,333 0.2 101.41 200 7.2 169.38 | Remaining Outstanding Contractual Weighted-Average Exercisable Shares Life Exercise Price Shares 304,751 3.6 \$ 8.66 252,538 95,669 5.8 27.37 75,939 24,220 6.4 47.38 14,796 11,383 7.1 58.40 10,558 2,550 4.1 78.23 2,430 33,333 0.2 101.41 33,333 200 7.2 169.38 140 |

At December 31, 2002, Cytogen Options to purchase 389,734 shares of Cytogen Common Stock were exercisable and 68,510 shares of Cytogen Common Stock were available for issuance under approved plans of additional options that may be granted under the plans.

Included in the above tables is an option granted to a key employee in 1998 to purchase 135,000 shares of Cytogen Common Stock ("Performance Options"), at an exercise price of \$10.94 per share. The vesting of Performance Options were subject to the completion of certain performance based milestones as determined by the Board of Directors (the "Board"). The Company recorded approximately \$1.1 million of deferred compensation upon the commencement of the vesting of the Performance Options, which represented the fair market value of Cytogen's Common Stock in excess of the exercise price of the option on the date which the Board determined the performance milestones had been met. Deferred compensation was amortized over the three-year vesting period of the Performance Options. Upon the resignation of the key employee in December 2002, \$354,000 of the deferred compensation related to unvested options was reversed.

Not included in the above table are options to purchase 150,000 shares of our common stock granted in 2002 to our executive officer outside any of the Company's approved stock option plans, at an exercise price of \$3.54 per share. This option has three separate and equal traunches which will each vest based upon the achievement of certain milestones that will be established by the Company's Board of Directors. If the fair market value of the common stock is greater than the exercise price of the option when such milestones are met, the Company will record compensation expense to be recognized over the vesting period of such options, which will be established by the Board of Directors.

AxCell, a subsidiary of Cytogen Corporation, also has a stock option plan that provides for the issuance of incentive and non-qualified stock options to purchase AxCell Common Stock ("AxCell Options") to employees, for which 2,000,000 shares of AxCell common stock have been reserved. In 2002, the Company granted 20,000 shares of AxCell Common Stock to members of AxCell's Scientific Advisory Board. The Company recorded \$93,000 of expense related to these grants, based upon the estimated fair value of those shares on the date of grant. As of December 31, 2002, 8,035,000 shares of AxCell Common Stock are outstanding; 8,000,000 of which are held by Cytogen. AxCell options are granted with an exercise term of 10 years and generally become exercisable in installments over periods of up to 5 years. The Company granted AxCell Options to purchase 183,035, 438,365 and 0 shares of AxCell Common Stock during 2002, 2001 and 2000, respectively. The weighted average exercise price per share for all outstanding options was \$3.52 in 2002 and \$3.69 in 2001. As of December 31, 2002, options to purchase 190,531 shares of AxCell Common Stock were outstanding, of which 85,537 shares were exercisable and 1,794,469 shares were available for future grant. During 2001, in connection with the grant of AxCell Options, the Company recorded deferred compensation of \$241,000, representing the estimated fair value of AxCell Common Stock in excess of the exercise price of the options on the date such options were granted. The deferred compensation is being amortized over the vesting period of the options. Due to employee terminations, primary as a result of the restructuring at AxCell, \$79,000 of deferred compensation related to unvested options was reversed.

The Company adopted an employee stock purchase plan under which eligible employees may elect to purchase shares of Cytogen Common Stock at the lower of 85% of fair market value as of the first trading day of each quarterly participation period, or as of the last trading day of each quarterly participation period. In 2002, 2001 and 2000, employees purchased 4,911, 1,287 and 3,239 shares, respectively, for aggregate proceeds of \$24,000, \$28,000 and \$80,000, respectively. The Company has reserved 30,639 shares for future issuance under its employee stock purchase plan.

The weighted average fair value of the options granted under the Cytogen stock option plans during 2002, 2001 and 2000 is estimated as \$3.70, \$30.74 and \$54.01per option, respectively, on the date of grant using the Black-Scholes option pricing model with the following assumptions for 2002, 2001 and 2000: dividend yield of zero, volatility of 143.46%, 124.95% and 120.39%, respectively, risk-free interest rate of 2.94%, 4.55% and 5.98%, respectively, and an expected life ranging from 4 to 5 years. The average fair value per option ascribed to the employee stock purchase plan during 2002, 2001 and 2000 is estimated at \$5.72, \$14.73 and \$13.53, respectively, on the date of grant using the Black-Scholes option pricing model with the following assumptions for 2002, 2001 and 2000: dividend yield of zero, volatility of 20.83%, 125.41% and 109.83%, respectively, risk free interest rate of 1.67%, 4.12% and 5.52%, respectively, and expected life of three months. The weighted average fair value of AxCell Options granted during 2002 and 2001 is estimated at \$4.16 and \$4.06, respectively, on the date of grant using the Black-Scholes pricing model with the following assumptions for 2002 and 2001: dividend yield of zero, volatility of 142.07% and 124.91%, respectively, risk-free interest rate of 4.02% and

4.59%, respectively, and an expected life of 5 years.

As of December 31, 2002, the Company has outstanding warrants to purchase 32,363 shares of Common Stock, at exercise prices ranging from \$16.25 to \$49.80 per share. The warrants are exercisable through November 2004.

13. RELATED PARTY TRANSACTION

Consulting services have been provided to the Company under an agreement with the Chairman of the Board of Directors related to time spent in that function on Company matters. Fees and expenses under this agreement were \$52,000, \$53,000 and \$54,000 in 2002, 2001 and 2000, respectively.

14. RETIREMENT SAVINGS PLAN

The Company maintains a defined contribution plan for its employees. The contribution is determined by the Board of Directors each year and is based upon a percentage of gross wages of eligible employees. The plan provides for vesting over four years, with credit given for prior service. The Company also makes contributions under a 401(k) plan in amounts which match up to 50% of the salary deferred by the participants. Matching is capped at 6% of deferred salaries. Total expense was \$98,000, \$140,000 and \$95,000 for 2002, 2001 and 2000, respectively.

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15. INCOME TAXES

As of December 31, 2002, Cytogen had federal net operating loss carryforwards of approximately \$264 million. The Company also had federal and state research and development tax credit carryforwards of approximately \$7.1 million. These net operating loss and credit carryforwards have begun to expire and will continue to expire through 2022. In addition, certain operating loss and credit carryforwards began to expire in 1995.

The Tax Reform Act of 1986 contains provisions that limit the utilization of net operating loss and tax credit carryforwards if there has been an "ownership change". Such an "ownership change", as described in Section 382 of the Internal Revenue Code may limit the Company's utilization of its net operating loss and tax credit carryforwards.

Deferred income taxes reflect the net tax effect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amount used for income tax purposes. Based on the Company's net loss before income taxes during 2002, 2001 and 2000, the Company would have recorded a tax benefit. During 2002, 2001 and 2000, there were increases of \$3,529,000, \$6,926,000 and \$8,880,000, respectively in the valuation allowance, due to the Company's loss history, and uncertainty regarding the realization of deferred tax assets. These increases to the valuation allowance reduced the actual benefit to zero. Deferred tax assets have been fully reserved as of December 31, 2002 and 2001.

A portion of the Company's net operating loss carryforward relates to tax deductions from stock option exercises and disqualifying dispositions that would be accounted for as capital contributions for financial reporting purposes to the extent such deductions could be utilized by the Company.

| | 2002 | 2001 |
|--|---|--|
| | | |
| Deferred tax assets: Net operating loss carryforwards Capitalized research and development expenses Research and development credit Acquisition of in-process technology Other, net | \$ 89,859,000 7,396,000 7,075,000 977,000 9,148,000 | \$ 81,860,000 11,808,000 6,800,000 720,000 9,738,000 |
| Total deferred tax assets Valuation allowance | 114,455,000 (114,455,000) | 110,926,000 (110,926,000) |
| Net deferred tax assets | \$ | \$ |

In 1995, Cytogen acquired CytoRad and Cellcor, both of which had net operating loss carryforwards. Due to Section 382 limitations, approximately \$10 million of CytoRad and \$12.0 million of Cellcor carryforwards may be available to offset future taxable income. A full valuation allowance was established on the acquisition dates as realization of these tax assets is uncertain.

During 2001 and 2000, the Company sold New Jersey state operating loss carryforwards and research and development credits, resulting in the recognition of a \$1.1 million and \$1.6 million tax benefit, respectively. In addition, in January 2003, the Company sold additional New Jersey State net operating loss carryforwards which will result in \$584,000 of income tax benefits, which will be recorded during the first quarter of 2003.

16. COMMITMENTS AND CONTINGENCIES

The Company leases its facilities and certain equipment under non-cancellable operating leases that expire at various times through 2006. Rent expense on these leases was \$832,000, \$1.6 million and \$1.3 million in 2002, 2001 and 2000, respectively. Minimum future obligations under the operating leases are \$1.8 million as of December 31, 2002 and will be paid as follows: \$837,000 in 2003, \$616,000 in 2004, \$291,000 in 2005 and \$103,000 in 2006. In addition, the Company has an agreement to receive annual sublease income of \$54,000 in 2003, 2004 and 2005 and \$36,000 in 2006.

The Company is obligated to make minimum future payments under manufacturing and research and development contracts that expire at various times. As of December 31, 2002, the minimum future payments under contracts are \$1.3 million in 2003, \$197,000 in 2004 and \$130,000 each year from 2005 to 2018. In addition, the Company is obligated to pay milestone payments upon achievement of certain milestones and royalties on revenues from commercial product sales including certain guaranteed minimum payments.

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In subsequent periods, we expect to provide funding for the development of the PSMA technologies through our joint venture with Progenics at even higher levels than the current year. Such funding amount may vary dependent upon, among other things, the results of the clinical trials and research and development activities, competitive and technological developments, and market opportunities.

On March 17, 2000, Cytogen was served with a complaint filed against the Company in the United States Federal Court for the District of New Jersey by M. David Goldenberg ("Goldenberg") and Immunomedics, Inc. (collectively "Plaintiffs").

The litigation claims that ProstaScint infringes a patent purportedly owned by Goldenberg and licensed to Immunomedics. The Company believes that ProstaScint does not infringe this patent, and that the patent is invalid and unenforceable. The patent sought to be enforced in the litigation has now expired; as a result, the claim even if successful would not result in an injunction barring the continued sale of ProstaScint or affect any other of Cytogen's products or technology. In addition, the Company has certain rights to indemnification against litigation and litigation expenses from the inventor of technology used in ProstaScint, which may be offset against royalty payments on sales of ProstaScint. On December 17, 2001, Cytogen filed a motion for summary judgment of non-infringement of the asserted claims of the patent-in-suit. The Plaintiffs opposed that motion and filed their own cross-motion for summary judgment of infringement. On July 3, 2002, the Court denied both parties' summary judgment motions, with leave to renew those motions after presenting expert testimony and legal argument based upon that testimony. Subsequently, the Court heard expert testimony and further argument, and received further briefing, and the parties' renewed summary judgment motions are pending. The Court has not indicated when it expects to issue a ruling. However, given the uncertainty associated with litigation, the Company cannot give any assurance that the litigation could not result in a material expenditure to the Company.

17. CONSOLIDATED QUARTERLY FINANCIAL DATA - UNAUDITED

The following table provides quarterly data for the years ended December 31, 2002 and 2001.

| | Three Mor | | nths Ended | | |
|---|--------------------|-----------|--------------------|-------------------|--|
| | March 31, | June 30, | | Dec. 31, | |
| | (amounts in | thousands | except per | share data) | |
| Total revenues | \$ 3,296 | \$ 3,167 | \$ 3,101 | \$ 3 , 367 | |
| Total operating expenses | 8,329 | 6,404 | 6,588 | 6 , 894 | |
| Operating loss | (5,033) | (3,237) | (3,487) | (3 , 527) | |
| Other income (loss), net | 35 | 30 | | 4 | |
| Net loss | \$(4,998) ===== | | | | |
| Basic and diluted net loss per share | \$ (0.62) ===== | | \$ (0.46) ===== | | |
| Weighted average common share outstanding | | | 8,660 ===== | | |
| Product related gross margin | \$ 2,027 | \$ 1,861 | \$1,882 | \$ 1,950 | |

| | Three Months Ended | | | |
|---|---------------------|--------------------|---------------------|------|
| | 2001 | June 30, 2001 | | D |
| | | | except per shar | e da |
| Total revenues | \$ 3,014 | \$ 2,856 | \$ 2,821 | \$ |
| Total operating expenses | 5,840 | 6 , 053 | 6,718 | _ |
| Operating loss | (2,826) | (3,197) | (3,897) | |
| Other income, net | 172 | 112 | 118 | _ |
| Loss before income taxes | (2,654) | (3,085) | (3,779) - | _ |
| Net loss | | \$(3,085) ===== | | \$ |
| Basic and diluted net loss per share | \$ (0.35) ====== | \$ (0.40) ===== | \$ (0.48) ====== | \$ |
| Weighted average common share outstanding | • | 7,744 ===== | • | = |
| Product related gross margin | \$ 1,624 | \$ 1 , 955 | \$ 1,175 | \$ |

18. MATRITECH, INC.

In October 2002, the Company entered into a five-year agreement with Matritech Inc. to be the sole distributor for Matritech's NMP22 BladderChek test to urologists and oncologists in the United States. Retention of exclusivity rights depends upon meeting certain minimum annual purchases. NMP22 BladderChek is a point-of-care antibody-based diagnostic test for bladder cancer detection. During November 2002, the Company began promoting NMP22 BladderChek to urologists in the United States using its in-house sales force. The Company paid Matritech \$150,000 upon the execution of the agreement, which was recorded as other assets in the accompanying consolidated balance sheet and is being amortized over the five year estimated performance period of the agreement.

NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE,

INC1\$240,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION1\$381,240.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTHILLS FEDERAL CREDIT

UNION1\$221,900.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$555,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANK - MISSOULA1\$221,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$325,756.990.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION MORTGAGE SERVICES,

INC3\$578,800.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$535,297.330.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY1\$246,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$250,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT

UNION2\$563,108.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$513,700.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FALL RIVER MUNICIPAL CREDIT

UNION1\$243,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE5\$1,197,700.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$211,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$328,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$182,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$196,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA2\$620,500.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC1\$154,100.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK3\$652,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$162,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $L.L.C2\$453,\!368.000.58\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\,NIAGARA\,BANK,\,NATIONAL$

ASSOCIATION1\$193,700.000.25%0\$0.00NA

LLC1\$292,200.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:bank} UNION1\$199,850.000.25\%0\$0.00NA0\0.0

ASSOCIATION5\$1,523,637.001.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SERVICES3\$762,450.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$394,070.680.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC2\$395,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$176,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$373,700.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK1\$392,400.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$1,580,500.002.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC3\$596,500.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$210,600.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION1\$169,000.000.21%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

COMPANY1\$163,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$160,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS

BANK1\$396,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$372,100.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION1\$303,435.140.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING1\$184,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION1\$260,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$156,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$322,500.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$363,300.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$529,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$151,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK4\$1,410,165.131.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$445,838.820.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$350,650.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$250,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK2\$589,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-HUDSON VALLEY FEDERAL CREDIT

UNION1\$219,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$474,500.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK3\$705,200.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$256,700.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$158,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

 $N.A1\$370,000.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR\\ MORTGAGE, LLC1\$167,625.470.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN\\ SAVINGS BANK1\$296,500.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST\\ FEDERAL CREDIT$

UNION1\$341,096.750.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY4\$968,200.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION1\$344,700.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

COMPANY1\$186,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK2\$366,500.000.47%0\$0.00NA0\$

 $FINANCIAL1\$161,\!500.000.21\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

UNION1\$262,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION8\$1,798,500.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

 $\label{thm:community} \begin{tabular}{l} UNION2\$369,350.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC3\$866,536.911.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION2\$880,000.001.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT \\ \end{tabular}$

UNION1\$251,828.460.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION4\$926,300.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$324,700.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$334,700.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIUSLAW BANK1\$223,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL

CORPORATION1\$218,045.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION2\$358,450.000.46%0\$0.00NA

CORPORATION1\$193,400.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

 $\label{eq:mexico3} \begin{aligned} &\text{MEXICO3\$942,664.001.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL} \\ &\text{CREDIT UNION1\$193,400.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS} \\ &\text{BANK1\$187,500.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION3\$731,663.280.93\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK \\ &\text{BANK1\$234,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL \\ &\text{BANK1\$245,000.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL \\ &\text{CREDIT UNION3\$843,482.811.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE \\ &\text{MORTGAGE} \end{aligned}$

COMPANY1\$162,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION2\$366,200.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC3\$666,870.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION2\$444,100.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION4\$684,601.030.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$211,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VENTURE BANK1\$175,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$188,200.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

 $LLC6\$1,\!731,\!324.002.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT$

UNION4\$898,200.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$434,300.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

UNION1\$202,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION3\$554,280.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION2\$533,498.510.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT

UNION1\$242,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable50\$12,959,816.1216.44 MIDAMERICA CREDIT

UNION1\$229,187.500.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB1\$192,500.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK1\$213,107.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACHIEVA CREDIT UNION1\$342,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY THE2\$619,916.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION13\$3,336,819.611.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLSOUTH FEDERAL CREDIT UNION1\$218,250.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

UNION5\$1,202,200.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK3\$554,819.940.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE4\$1,095,057.780.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION2\$408,405.000.17%0\$0.00NA0\$0.0

UNION5\$1,214,890.400.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL1\$377,150.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION 4\$1,137,990.000.48%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION2\$416,550.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$504,150.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA19\$5,109,415.112.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC1\$210,429.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AVIDIA BANK1\$199,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK7\$2,131,063.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL2\$407,968.700.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$237,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST7\$1,594,067.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT1\$248,400.000. CREDIT UNION8\$2,251,600.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT

UNION1\$300,700.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION2\$721,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION10\$2,662,902.221.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRIDGEWATER CREDIT UNION1\$265,900.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK2\$396,625.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

 $PARTNERSHIP6\$1,555,795.000.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC1\$281,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE, LLC4\$1,104,462.000.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL\\ MINNESOTA CREDIT$

UNION1\$212,325.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY11\$2,545,841.091.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK2\$659,298.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION5\$955,175.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT

UNION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CIS FINANCIAL SERVICES, INC1\$225,150.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$652,705.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA COASTAL FEDERAL CREDIT

UNION4\$965,292.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC26\$8,116,814.003.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION3\$676,350.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$179,550.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CONNECTICUT RIVER

BANK1\$204,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMER LOAN SERVICES, LLC1\$358,625.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$558,600.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC2\$592,800.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO1\$199,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$260,873.580.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELMAR FINANCIAL

COMPANY1\$302,631.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY,

INC1\$265,050.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT UNION2\$397,501.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD15\$4,364,940.581.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$356,250.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE5\$1,274,087.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY9\$2,576,830.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$213,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY5\$1,438,738.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU8\$2,247,789.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION2\$425,437.890.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION4\$953,488.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$203,968.600.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$200,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE16\$4,672,108.001.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$177,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC4\$1,087,806.440.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$621,599.090.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$389,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD12\$3,039,074.001.27%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

BANK1\$216,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

 $BOSTON2\$541,\!500.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF CHAMPAIGN$

URBANA1\$184,300.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC2\$493,950.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK11\$2,564,601.001.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION 2\$410,595.000.17%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

INC1\$290,409.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C20\$5,026,796.562.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 4\$1,052,839.000.44%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

 $\label{eq:gillette1} GILLETTE1\$305,\!500.000.13\%0\$0.00NA0\%0.0$

ASSOCIATION1\$218,286.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PEOPLES COMMUNITY FCU1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK9\$2,097,972.280.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:contour} \begin{tabular}{l} UNION10\$2,799,450.001.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT \\ UNION2\$617,392.740.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT \\ BANK1\$394,250.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, \\ NATIONAL \end{tabular}$

ASSOCIATION12\$2,977,962.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

 $\label{lem:corporation1} Corporation1\$273,976.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$218,500.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION4\$1,111,708.780.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$185,250.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION2\$654,118.080.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$187,007.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION3\$593,600.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY$

INC4\$1,028,850.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY5\$1,464,528.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GULF COAST EDUCATORS

FCU1\$348,147.660.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION2\$494,417.380.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK6\$1,403,308.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION1\$179,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK, NATIONAL

ASSOCIATION1\$196,175.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$318,250.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$239,237.040.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS

BANK1\$243,086.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC4\$1,256,700.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$175,750.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$377,850.000.16%0\$0.00NA0\$0.00N

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$175,750.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT \\ UNION1\$226,100.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK \\ MORTGAGE \end{tabular}$

COMPANY6\$1,579,793.820.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION2\$384,655.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$408,696.150.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY1\$191,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION2\$500,650.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING1\$190,950.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION6\$1,888,653.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE

COMPANY INC1\$194,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC4\$1,052,900.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION4\$1,042,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEA COUNTY STATE BANK 1\$237,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$544,250.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$376,675.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION3\$1,061,055.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL BANK1\$199,500.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL

BANK1\$220,842.190.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA
BANK5\$1,298,917.670.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE
BANK2\$729,201.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE
COMPANY INC1\$388,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE
BANK, NA1\$206,241.890.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT
UNION1\$315,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA
MORTGAGE, INC1\$271,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$249,850.000.1\%0\$0.00NA0\$0.$

UNION1\$357,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION1\$334,390.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC1\$208,050.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION5\$1,110,257.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1\$340,100.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$212,325.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

 $LLC1\$190,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORTHERN \ OHIOINVESTMENT$

COMPANY1\$228,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION1\$350,982.170.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$283,725.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT UNION1\$218,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$251,750.000.11\%0\$0.00NA0\0

UNION2\$451,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$212,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION5\$1,577,950.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES,

 $INC1\$245,100.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE \ AND FIRE FEDERAL CREDIT UNION2\$473,005.000.2\%0\$0.00NA0\$$

BANK1\$228,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL

FEDERAL CREDIT

UNION1\$239,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION1\$323,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUBLIC SERVICE EMPLOYEES CREDIT

UNION1\$218,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION4\$1,046,700.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$459,200.000.19\%0\$0.00NA0\$0.$

INC1\$230,375.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$383,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$489,700.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$379,250.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERHILLS BANK1\$214,370.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROBINS FINANCIAL CREDIT UNION3\$887,981.980.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKLAND FEDERAL CREDIT

 $UNION1\$296,\!400.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING \\$

CORPORATION5\$1,548,500.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION6\$1,480,175.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK2\$436,365.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST COMPANY2\$496,850.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION2\$391,803.200.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT

UNION2\$498,455.710.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION3\$896,550.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT

UNION1\$200,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$237,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION1\$387,462.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$407,924.430.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS CREDIT UNION1\$256,405.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. PAUL POSTAL EMPLOYEES CREDIT

UNION1\$342,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION 3\$814,453.000.34%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

INC13\$3,957,331.591.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC2\$579,025.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$804,175.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$834,201.680.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$253,650.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY2\$424,175.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$271,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE COMPANY OF NEW

MEXICO1\$403,750.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION8\$1,802,350.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN AMERICAN MORTGAGE COMPANY1\$217,550.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE21\$5,500,470.002.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT

UNION1\$240,350.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION3\$725,734.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

UNION1\$238,655.650.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$203,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

UNION2\$437,150.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK10\$2,709,743.981.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$228,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC3\$736,250.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$270,750.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC12\$3,629,907.891.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION2\$659,790.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION6\$1,525,851.890.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$176,225.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST

COMPANY1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION2\$583,300.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE

COMPANY2\$440,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VIRGINIA CREDIT UNION, INC1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP2\$617,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

 $\label{logovalue} LLC10\$3,081,975.001.29\%0\$0.00NA0\0

 $BANK1\$267,900.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

 $\label{thm:condition} \begin{tabular}{ll} UNION3\$754,246.000.32\%0\$0.00NA0\$0.$

UNION2\$535,959.270.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION3\$557,583.420.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERRA CREDIT UNION3\$860,157.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$208,550.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION5\$1,330,622.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$351,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable220\$57,870,881.8824.2

USA FEDERAL CREDIT

UNION1\$263,700.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC2\$688,250.001.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLSOUTH FEDERAL CREDIT

UNION1\$177,923.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$269,800.000.47%0\$0.00NA0

UNION3\$675,468.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC4\$1,133,450.001.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$245,138.320.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK, F.S.B1\$292,000.000.51\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$354,900.000.62\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA10\$1,949,283.833.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATLANTIC PACIFIC MORTGAGE \\ \end{tabular}$

CORPORATION1\$235,200.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC1\$239,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$184,579.560.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$150,450.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL4\$612,760.401.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICAN FORK2\$407,100.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$852,962.281.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$413,100.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK1\$208,050.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK4\$769,600.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION1\$144,191.940.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC10\$3,496,900.006.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$185,350.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$589,642.581.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHELSEA GROTON BANK1\$165,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$126,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST NATIONAL BANK2\$318,500.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTY CREDIT UNION OF FT.

LAUDERDALE1\$132,700.000.23%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0

UNION1\$230,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$521,250.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION2\$314,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$343,300.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$234,950.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$251,500.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$378,300.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$560,375.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY,

INC1\$303,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$710,500.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAMILY FIRST OF NY FEDERAL CREDIT

UNION1\$271,150.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$305,300.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE BANK1\$183,696.010.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC11\$2,237,694.663.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$250,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C2\$525,667.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE

CORPORATION1\$163,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$227,500.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION3\$894,650.001.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION1\$189,400.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION2\$637,900.001.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$135,700.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$229,425.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$158,200.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC2\$427,900.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK2\$462,364.210.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$176,645.120.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$1,472,750.002.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$239,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$166,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$318,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION1\$146,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$207,400.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$232,700.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY1\$223,850.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION1\$212,754.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$158,700.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$256,600.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$146,700.000.26%0\$0.00NA

INC1\$253,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION2\$309,300.050.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$209,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$245,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK1\$172,900.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$140,700.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT \\ UNION1\$152,400.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, \\ LLC2\$415,100.000.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING \\ CORPORATION1\$130,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN \\ AMERICA CREDIT \end{tabular}$

 $UNION1\$172,\!500.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE \\$

COMPANY1\$147,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT UNION2\$298,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION2\$378,800.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$235,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$328,451.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION1\$168,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$202,650.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC3\$718,841.501.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK1\$201,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMARY CAPITAL ADVISORS, LC D/B/A PRIMARY CAPITAL

MORTGAGE1\$191,000.000.34%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

INC2\$337,600.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$292,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION3\$696,250.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$125,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$335,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY1\$167,757.940.29%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

 $UNION1\$235,000.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. \ PAUL \ POSTAL \ EMPLOYEES CREDIT$

UNION1\$176,850.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND TRUST COMPANY2\$581,261.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LINCOLN1\$139,000.000.24%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

MEXICO3\$1,094,800.001.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION2\$281,800.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION2\$354,771.060.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$190,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION1\$260,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION3\$479,700.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION3\$949,144.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT

UNION1\$291,770.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK2\$455,750.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$259,500.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$199,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION4\$1,006,686.981.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

 $\label{thm:corporation:corporation:substitute} CORPORATION1\$162,500.000.29\%0\$0.00NA0$

 $LLC4\$1,\!016,\!200.001.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT$

UNION3\$728,335.681.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP1\$131,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK3\$493,000.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION2\$368,250.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERRA CREDIT UNION1\$156,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$155,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable39\$8,911,393.1415.694 CREDIT UNION2\$490,000.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

UNION1\$274,400.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION1\$197,000.000.67%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$382,500.001.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$313,000.001.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE27\$6,483,003.0022.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY COUNTY CREDIT UNION OF FT.

LAUDERDALE2\$454,000.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

FLORIDA2\$426,200.001.45%0\$0.00NA0%0.00NA0%0.

COMPANY1\$416,400.001.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT UNION2\$445,300.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$202,320.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION2\$501,000.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$223,800.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON1\$417,000.001.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO3\$889,000.003.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLORIDA CREDIT UNION1\$303,561.991.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION7\$1,846,400.006.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERAMERICAN BANK, A FEDERAL SAVINGS

BANK1\$185,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY1\$196,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$195,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MI FINANCIAL CORPORATION1\$188,933.420.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$261,750.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NRL FEDERAL CREDIT

UNION1\$208,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT UNION1\$280,000.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$368,000.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION5\$1,299,427.804.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNCOAST SCHOOLS FEDERAL CREDIT

UNION1\$224,291.120.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK1\$388,000.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOTALBANK2\$549,000.001.87%0 AMERICAN MORTGAGE COMPANY,

LLC4\$926,470.003.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION8\$2,351,580.378.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$382,500.001.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP2\$662,000.002.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$5,945,186.7720.28% FEDERAL SAVINGS

BANK1\$261,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A1\$240,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION1\$175,491.970.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION2\$717,000.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$310,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB3\$706,700.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA1\$352,500.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$692,500.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$407,900.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST2\$834,000.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$445,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$225,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$381,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$354,400.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACSHCALL,\\ INC1\$262,500.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACSHCALL,\\ INC4\$1,168,700.001.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACCOASTHILLS FEDERAL\\ CREDIT UNION1\$262,500.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACREDIT\\ UNION MORTGAGE SERVICES, \end{tabular}$

 $INC1\$185,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS \\ FEDERAL CREDIT UNION1\$198,750.000.29\%0\$0.00NA0$

LTD1\$177,086.480.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME

 $BANK2\$415,\!750.000.62\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE$

MORTGAGE1\$225,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY4\$853,400.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU3\$710,500.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$175,356.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMINGTON BANK1\$180,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION2\$698,500.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK4\$1,454,578.662.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LLC1\$210,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION1\$208,000.000.31%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA

ALASKA1\$254,624.340.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK11\$4,019,138.585.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK8\$2,338,365.973.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION3\$727,500.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC2\$539,500.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC1\$192,750.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY2\$642,750.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE,

 $INC1\$240,000.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS\\ BANK1\$183,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH\\ HOME LENDING, LLC2\$461,000.000.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN\\ SCHOOLS FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$191,200.000.28\%0\$0.00NA0\$0.$

INC1\$198,750.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A4\$1,120,750.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$262,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC4\$1,046,000.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$182,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$270,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK3\$825,600.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$263,700.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC2\$518,000.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT

UNION1\$287,250.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION6\$1,718,050.002.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE,

INC1\$338,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION3\$796,998.311.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$334,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION1\$625,000.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$242,042.900.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK4\$974,405.001.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MONTANA1\$247,425.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$318,310.850.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC
MORTGAGE1\$219,750.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA
CREDIT UNION1\$226,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN
1 CREDIT UNION2\$375,700.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK
BANK1\$216,660.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA
BANK1\$206,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN

MORTGAGE COMPANY,

 $LLC3\$808,\!594.261.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ W.J.\ BRADLEY\ MORTGAGE\ CAPITAL.$

 $LLC2\$405,\!750.000.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT$

UNION3\$572,750.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable100\$30,439,266.6445.0 MIDAMERICA CREDIT

UNION1\$194,892.500.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB2\$401,700.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION1\$180,600.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK\ TRUST\ COMPANY\ THE 1\$190,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ ADVANCIAL\ FEDERAL\ CREDIT \\ \end{tabular}$

UNION2\$592,250.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AFFILIATED MORTGAGE

COMPANY1\$287,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION5\$1,251,010.201.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK3\$606,100.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE3\$670,650.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION1\$195,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION3\$639,536.500.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$185,600.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$280,700.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$240,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA10\$2,266,550.001.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$259,625.390.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$180,000.000.15 BANK2\$629,300.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$416,250.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$1,216,300.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST6\$1,790,500.001.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF

WASHINGTON1\$357,600.000.29%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $\label{thm:cond} \begin{tabular}{l} UNION3\$1,110,000.000.92\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION1\$370,000.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$216,400.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION6\$1,576,300.001.3\%0\$0.00NA0\$0.00N$

UNION3\$681,250.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING6\$1,935,373.071.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$202,350.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK1\$363,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK2\$391,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC13\$4,590,500.003.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CBC FEDERAL CREDIT UNION1\$382,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$228,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{lem:company4} COMPANY4\$1,210,350.001\%0\$0.00NA$

LAUDERDALE2\$471,350.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$912,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,

INC1\$236,250.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CREDIT UNION OF LYNN2\$542,695.660.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC1\$340,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMANET,

LLC1\$385,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$402,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEDHAM INSTITUTION FOR SAVINGS1\$204,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT

UNION1\$272,175.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME

 $BANK3\$829,000.000.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER \ AND \ KRAMER \ MORTGAGE \ CORP. \ D/B/A \ 1ST \ ADVANTAGE$

MORTGAGE1\$417,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY2\$440,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAD $DURANT\ BANK\ AND\ TRUST$

COMPANY1\$206,600.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU2\$355,995.750.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$205,200.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL

ASSOCIATION1\$200,710.390.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$1,227,394.521.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$263,700.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC3\$872,200.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION1\$249,016.450.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE

 $\label{eq:midwest1} MIDWEST1\$356,000.000.29\%0\$0.00NA$

LAKEWOOD1\$378,671.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$443,600.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK4\$1,240,000.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC2\$451,200.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK7\$1,761,000.001.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE COMMUNITY

BANK1\$284,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION2\$642,600.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C2\$632,200.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA2\$453,262.930.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST

COMPANY1\$292,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$227,905.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$180,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$697,560.550.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK2\$572,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK OF ILLINOIS1\$203,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$810,500.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED\\ BANK1\$320,000.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO\\ RICO1\$374,471.620.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT\\ UNION2\$599,651.970.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKLIN FIRST\\ FINANCIAL, LTD1\$417,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK8\$2,539,850.002.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK,\\ NATIONAL \end{tabular}$

ASSOCIATION6\$1,672,750.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK2\$502,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GFI MORTGAGE BANKERS,

INC2\$554,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK, FSA1\$175,750.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$176,884.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$180,800.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION4\$1,242,500.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$208,050.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$198,400.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GULF COAST EDUCATORS FCU1\$179,580.450.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC4\$1,434,900.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK1\$254,957.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK

THE1\$179,740.650.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$227,050.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

 $\label{thm:condition} UNION1\$251,000.000.21\%0\$0.00NA$

UNION1\$293,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$546,924.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK4\$1,467,500.001.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$218,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION7\$2,297,861.681.89%0\$0.00NA0\$0.00N

TRUST1\$399,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$427,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A3\$1,026,200.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$261,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$752,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK & TRUST COMPANY 1\$245,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK2\$710,800.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES,

INC1\$180,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$348,989.760.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$507,375.890.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE BANK1\$245,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C2\$446,655.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC3\$651,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY, LLC1\$183,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$415,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION3\$678,850.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

 $INC1\$287,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MID-HUDSON \ VALLEY \ FEDERAL \ CREDIT$

UNION1\$242,143.950.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$282,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$350,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION1\$228,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1\$203,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF

MIDDLEBURY1\$195,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION2\$579,345.250.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT UNION1\$315,250.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT

UNION1\$188,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$548,500.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OREGONIANS FEDERAL CREDIT UNION1\$300,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$417,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION2\$503,031.730.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK & TRUST COMPANY OF PICKETT

COUNTY1\$284,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION1\$180,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES STATE BANK1\$218,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$261,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

 $\begin{tabular}{l} UNION1\$220,000.000.18\%0\$0.00NA0\$$

UNION1\$220,087.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$395,400.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION1\$213,750.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$218,900.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKLAND FEDERAL CREDIT

UNION2\$407,716.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$817,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$362,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO

COUNTY CREDIT

UNION2\$513,958.400.42%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION3\$662,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$625,476.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHELL FEDERAL CREDIT UNION1\$186,105.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPIRIT OF ALASKA FEDERAL CREDIT

UNION1\$308,750.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT UNION2\$425,200.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION1\$237,600.000.2\%0\$0.00NA$

CORPORATION7\$1,997,975.001.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT

UNION1\$595,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTERLING SAVINGS BANK2\$441,713.250.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$219,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$191,540.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$787,035.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION2\$371,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$360,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$305,600.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$187,210.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

 $\label{lem:union2} UNION2\$607,243.790.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN \& COUNTRY BANC MORTGAGE SERVICES,$

 $INC1\$190,900.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS\\ BANK1\$201,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\ BANK1\$385,000.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$214,800.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY1$215,000.000.18\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA UNITED BANK OF UNION1$276,000.000.23\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA$

CORPORATION 1\$320,000.000.26%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $\label{thm:constraint} \mbox{UNION1\$260,000.000.21\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

LLC5\$1,585,063.001.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL BANK FSB1\$352,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$394,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK2\$538,875.000.44%0\$0.00NA0\$0

LLC1\$417,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION2\$467,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$375,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$250,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION1\$240,000.000.2\%0\$0.00NA0\0.0

UNION1\$303,331.510.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable92\$25,719,529.7221.19 FEDERAL SAVINGS

BANK1\$375,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY THE8\$2,371,962.003.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC2\$572,000.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION2\$806,700.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION 6\$1,624,460.002.34%0\$0.00NA0%0.00NA0%0.0

UNION50\$16,135,870.0723.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$192,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT

UNION3\$942,400.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC9\$3,542,000.005.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY,

INC4\$771,000.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION2\$538,500.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL

ASSOCIATION2\$584,099.730.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK10\$3,901,032.295.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON1\$350,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$193,600.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK3\$1,405,256.442.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC4\$1,476,500.002.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$593,280.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION9\$2,631,499.953.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

UNION1\$319,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION16\$4,043,166.475.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK4\$1,820,000.002.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$412,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES, INC8\$2,922,750.004.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA3\$1,410,312.922.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-HUDSON VALLEY FEDERAL CREDIT

UNION1\$244,647.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP4\$1,018,500.001.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION6\$1,957,000.002.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A5\$1,392,000.002%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL

 $\label{lem:creditunion1} CREDIT \, UNION1\$205,000.000.3\%0\$0.00NA0\0.0

BANK1\$417,000.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER SAVINGS BANK3\$816,000.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RESIDENTIAL HOME FUNDING CORP1\$227,685.880.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAWYER SAVINGS BANK1\$208,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:county} \begin{tabular}{ll} UNION1\$223,200.000.32\%0\$0.00NA0\$0.00N$

 $\label{thm:constraint} \begin{tabular}{ll} UNION8$2,494,400.003.59\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA THE MONEY SOURCE, INC1$312,000.000.45\%0$0.00NA0$$

UNION1\$510,000.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK2\$670,000.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A1\$384,206.890.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA XCEL FEDERAL CREDIT UNION2\$717,950.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$6,554,956.649.45% BILBAO VIZCAYA ARGENTARIA PUERTO

RICO2\$595,346.6913.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO2\$483,619.1611.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO3\$851,894.0019.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND TRUST4\$871,400.0019.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE,

INC3\$545,758.3312.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO

RICO3\$688,396.2015.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$356,739.188.12%0\$0 FEDERAL CREDIT

UNION2\$516,000.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$280,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$237,550.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK6\$1,508,646.942.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE23\$6,902,189.7111.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LARIBA1\$350,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL3\$751,700.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC2\$525,120.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$534,450.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WHITTIER, NA1\$300,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK4\$1,131,100.001.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$186,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARNEGIE MORTGAGE, LLC1\$338,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

COMPANY1\$295,582.940.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS 1ST BANK1\$352,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENS NATIONAL BANK,

BROWNWOOD1\$404,000.000.67%0\$0.00NA0%0.00NA0%

BANK OF TEXAS,

N.A3\$735,800.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING, LLC1\$199,800.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD2\$402,706.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY11\$2,976,876.004.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS AND MERCHANTS SAVINGS

BANK1\$278,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$356,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION1\$395,700.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CONTINENTAL MORTGAGE COMPANY,

LTD1\$230,851.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C5\$1,400,979.902.33%0\$0.00NA0\$0.00N

UNION2\$407,800.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU1\$207,000.000.34%0\$0.00N INC1\$363,200.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC15\$4,392,048.367.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY1\$394,680.520.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF COMMERCE3\$668,200.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL

BANK2\$399,031.890.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C7\$1,836,977.003.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

INC3\$934,923.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OMNIAMERICAN BANK3\$1,083,850.001.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION2\$528,550.680.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION 3\$941,800.001.57%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $UNION3\$630,\!450.001.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING \\$

CORPORATION1\$179,988.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE2\$588,101.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC4\$1,105,208.691.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC
MORTGAGE20\$5,487,533.009.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS
BANK2\$622,642.681.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE
CORPORATION2\$580,850.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORP1\$258,750.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$350,923.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION7\$1,656,906.002.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable52\$14,347, MORTGAGE GROUP,

INC2\$368,300.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$652,821.781.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$540,900.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$332,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING

EMPLOYEES CREDIT

UNION1\$223,646.220.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING5\$860,032.001.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE, LLC1\$181,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC7\$2,160,600.004.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$135,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHEMICAL BANK1\$166,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHERRY CREEK MORTGAGE COMPANY2\$332,450.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO

UNION1\$215,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC2\$301,500.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$244,100.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$185,200.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$210,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK3\$376,500.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE4\$1,199,000.002.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$546,000.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CHOICE BANK2\$642,774.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC2\$273,400.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C2\$247,350.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$237,250.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK4\$1,100,296.052.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION2\$485,500.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B3\$791,548.271.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

 $INC2\$534,000.001.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND\\ BANK1\$117,375.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING\\ CENTER INC2\$355,835.000.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN\\ CENTER, INC2\$410,900.000.87\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT\\ UNION1\$106,800.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH\\ HOME LENDING, LLC1\$238,500.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B.\\ NUTTER AND$

COMPANY2\$286,850.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$227,000.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$214,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES,

INC1\$297,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$161,175.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$209,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION1\$271,100.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CENTER, LLC3\$427,500.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION2\$445,750.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$90,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

 $\label{eq:company2} {\rm COMPANY2\$623,900.001.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHEAST BANK, FSB1\$196,000.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK1\$170,500.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO$0.00NA OPES ADVISORS, INC1\$274,000.000.58\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$496,793.001.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE$

CORPORATION13\$2,800,150.005.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$195,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC2\$474,809.961%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$158,100.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$329,565.440.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$292,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$163,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$217,503.200.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE3\$667,615.001.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION1\$172,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. PAUL POSTAL EMPLOYEES CREDIT

UNION1\$142,750.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC3\$693,350.001.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$205,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$150,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

 $\label{eq:mexico4} \mbox{MEXICO4\$1,011,450.002.14\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%$

UNION1\$133,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK2\$537,150.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC5\$1,103,791.002.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAU\$0.0

 $\label{thm:bound} \begin{tabular}{l} UNION1\$344,800.000.73\%0\$0.00NA0$

CORP2\$524,500.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC5\$1,103,665.002.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP4\$650,000.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$13,587,020.0228.74%2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$180,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$221,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIHOME MORTGAGE CORPORATION1\$112,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

STATE CREDIT

UNION1\$202,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$625,919.621.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$201,500.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$208,215.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$164,500.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS

BANK1\$145,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION4\$1,192,800.002.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$1,111,236.522.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE, LLC2\$677,750.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CASHCALL, INC3\$1,030,250.002.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC1\$322,350.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{eq:company2} COMPANY2\$523,000.001.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE COMPANY1\$285,300.000.57\%0\$0.00NA0$

INC3\$1,022,100.002.04%0\$0.00NA0\$0.00

COMPANY2\$290,200.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$389,301.530.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK1\$123,299.890.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$543,000.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY1\$390,480.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK2\$261,100.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$222,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$414,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION2\$286,303.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE6\$1,646,770.003.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$244,100.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$363,300.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$514,028.501.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C2\$183,650.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$140,650.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK4\$1,242,650.002.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY FUNDING DIVERSIFIED MORTGAGE

SERVICES1\$136,200.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B2\$421,009.600.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$142,800.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$286,500.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC6\$1,296,250.002.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$119,300.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME

SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO1\$165,300.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$292,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$156,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION3\$530,800.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$365,500.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$314,600.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$239,400.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$246,500.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK MORTGAGE COMPANY,

INC1\$154,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT UNION1\$179,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$120,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION2\$474,400.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$127,600.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$94,869.120.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY3\$531,700.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEVADA FEDERAL FINANCIAL

CORPORATION1\$128,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK3\$762,500.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$173,200.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION6\$1,223,650.002.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES.

INC1\$344,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$191,968.640.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT SAVINGS BANK1\$220,403.510.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$253,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC2\$494,800.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$615,550.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$244,454.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE BANK1\$313,213.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE3\$726,200.001.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$171,855.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$163,100.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$307,100.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$268,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$702,870.601.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

$$\label{lem:mexico4} \begin{split} \text{MEXICO4\$1,154,910.002.31\%0\$0.00NA0\$0$$

UNION1\$221,800.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$1,167,800.002.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE

CORPORATION1\$375,850.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$111,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$236,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST COMPANY1\$127,600.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP2\$547,000.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

 $LLC6\$1,\!515,\!250.003.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

 $\label{thm:condition} UNION2\$576,000.001.15\%0\$0.00NA$

UNION1\$352,400.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable49\$11,435,319.3322.819 USA FEDERAL CREDIT

UNION2\$199,200.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$86,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$105,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH1\$102,400.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC3\$303,100.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK, F.S.B1\$104,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$96,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT

 $\label{thm:community} \begin{tabular}{l} UNION1\$86,500.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA5\$508,491.701.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK4\$395,000.001\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICAN FORK1\$93,800.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST6\$573,627.821.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$101,500.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT \\ \end{tabular}$

 $UNION1\$86,\!400.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN$

FUNDING2\$204,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC5\$502,100.001.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY5\$502,817.921.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$103,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION2\$213,650.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LENDING1\$99,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK2\$188,875.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK2\$207,400.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

 $\label{lem:mortgage11} MORTGAGE11\$1,083,346.002.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION2\$186,000.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$292,114.840.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$207,040.000.53\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$100,100.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,$

 $LLC1\$105,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMER\ LOAN$

SERVICES,

LLC1\$108,800.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$100,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$100,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$96,800.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$91,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC2\$197,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION5\$477,085.761.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DORAL BANK1\$97,365.670.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$100,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY6\$587,800.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY2\$211,800.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK2\$192,700.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$103,920.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST2\$199,672.690.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$188,850.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCHANGE STATE BANK1\$87,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION1\$105,600.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS & MERCHANTS BANK1\$101,600.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$267,242.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$106,300.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$92,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION2\$176,700.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$92,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

 $LAKEWOOD1\$86,\!560.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST FEDERAL SAVINGS BANK OF$

BOSTON1\$93,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK3\$306,485.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION2\$194,599.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C14\$1,365,197.003.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION2\$191,840.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK FOX

VALLEY1\$87,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$108,804.900.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK1\$93,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION1\$108,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION3\$283,886.900.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK13\$1,292,148.503.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION3\$265,450.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$101,250.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT

UNION1\$106,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$90,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES2\$181,208.710.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$100,400.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK2\$204,035.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION1\$95,789.880.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC11\$1,092,100.002.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY1\$107,625.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$94,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$103,150.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$107,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN SCHOOLS FEDERAL CREDIT

UNION1\$106,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$276,750.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION3\$303,700.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC4\$414,800.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$187,200.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$95,479.730.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$96,750.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$105,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$100,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC3\$305,700.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO,

LLC3\$287,601.070.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MWABANK1\$94,000.000.24%0\$0.00 CREDIT UNION1\$107,900.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$99,400.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING

COMPANY1\$104,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$192,603.090.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION1\$92,196.320.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION9\$900,780.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$107,250.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORTAGE COUNTY BANK1\$93,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

UNION1\$100,480.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$98,182.810.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$108,150.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUTNAM BANK1\$96,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$99,912.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK INC1\$94,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERHILLS BANK1\$98,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION 2\$214, 249.000.54%0\$0.00 NA0\$0.00 NA0\$0.00

CREDIT UNION1\$108,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$87,379.450.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION2\$194,485.460.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO2\$190,400.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

DAKOTA1\$90,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE6\$568,170.001.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLIDARITY COMMUNITY FEDERAL CREDIT

 $\label{thm:company2} UNION1\$93,900.000.24\%0\$0.00NA0\%$

CORPORATION2\$191,250.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$98,500.000.25%0\$0.00NA0\$

COMPANY1\$88,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$100,400.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE8\$794,560.632.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$109,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$108,800.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$97,700.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANK OF QUINCY1\$88,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK7\$704,311.001.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$190,000.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$102,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC4\$393,753.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION3\$295,978.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC4\$386,250.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$108,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON TRUST BANK1\$87,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$85,400.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION5\$491,870.221.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable107\$10,449,8 FEDERAL SAVINGS

BANK1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AFFILIATED MORTGAGE

COMPANY1\$112,050.000.19%0\$0.00NA0%0.00NA0%0.

INC2\$238,400.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$116,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE3\$356,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$121,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$113,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL2\$238,800.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION4\$466,350.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN

SAVINGS BANK,

F.S.B1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION3\$351,455.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$235,587.030.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$115,847.250.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$229,436.540.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$122,025.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST13\$1,502,824.302.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION3\$348,750.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$240,150.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING3\$348,200.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$122,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT UNION1\$113,150.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC8\$952,943.991.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE.

LLC4\$467,521.430.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC2\$239,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY5\$587,900.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$120,201.870.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

MORTGAGE7\$828,851.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC5\$575,600.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC6\$700,250.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$121,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$115,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONNECTICUT RIVER BANK1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$124,355.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYPLACE MORTGAGE, LTD1\$116,000.000.19%0\$0.00NA0\$0.00N

INC1\$117,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC2\$231,450.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD2\$230,811.510.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE2\$242,\!500.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADBUQUE\ BANK\ AND\ TRUST$

COMPANY5\$585,000.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY4\$471,542.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS

CU2\$233,760.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$111,859.080.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE3\$343,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION4\$471,900.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$124,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC3\$348,950.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMONWEALTH FEDERAL CREDIT

 $\label{thm:constraint} \mbox{UNION1\$116,346.590.19\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

 $LAKEWOOD1\$116,\!250.000.19\%0\$0.00NA0\%0.00NA0\%$

UNION1\$122,082.720.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK7\$823,550.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION3\$358,500.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C11\$1,299,643.002.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION2\$231,398.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NORTHERN CREDIT

UNION1\$124,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$114,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK1\$120,240.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

LLC1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$114,100.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$121,332.600.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK19\$2,193,963.253.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION4\$466,250.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY FUNDING DIVERSIFIED MORTGAGE

SERVICES1\$114,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK5\$589,150.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION3\$356,384.290.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$110,195.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$124,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY MORTGAGE COMPANY

INC1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$114,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANNIBAL NATIONAL

 $BANK1\$112,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND\\ BANK2\$241,291.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK,\\ NATIONAL$

ASSOCIATION1\$124,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$114,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC7\$820,700.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEAMERICAN MORTGAGE

CORPORATION1\$116,250.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$225,200.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT

UNION3\$355,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY2\$230,250.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KIRTLAND FEDERAL CREDIT

UNION1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION4\$468,510.940.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$240,250.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION1\$111,711.100.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$122,400.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION2\$241,800.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN,

L.L.C2\$228,400.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL ASSOCIATION1\$110,058.150.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

INC3\$356,550.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$236,250.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC2\$243,750.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$124,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION2\$236,465.880.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL,

INC1\$111,200.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$124,631.890.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$120,317.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$119,765.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK1\$112,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY5\$571,216.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST GEORGIA BANK1\$117,300.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

BANK2\$231,800.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OMNIAMERICAN BANK1\$123,750.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION1\$116,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAPER CITY SAVINGS ASSOCIATION1\$111,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT

UNION1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION2\$237,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK2\$233,100.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL

MORTGAGE

CORPORATION11\$1,284,800.002.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC3\$341,600.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER BANK2\$232,183.370.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORTAGE COUNTY BANK1\$122,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE CORPORATION1\$112,425.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION1\$113,600.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUTNAM BANK1\$119,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A2\$230,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC2\$238,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC3\$350,920.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$116,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROBINS FINANCIAL CREDIT UNION1\$119,310.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$124,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN ANTONIO FEDERAL CREDIT UNION

(SAFCU)2\$224,604.050.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION2\$230,630.280.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$120,250.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK1\$120,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPIRIT OF ALASKA FEDERAL CREDIT UNION1\$119,584.110.2%0\$0.00NA0\$0.00N

COMPANY1\$110,250.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$121,943.480.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$121,800.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$233,900.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$119,841.360.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MONTANA1\$116,618.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION1\$115,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$352,690.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST2\$238,725.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE4\$469,250.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT UNION1\$111,750.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS BANKING COMPANY1\$119,200.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$121,600.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK1\$111,200.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$114,257.490.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} $UNION1\$124,500.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUNITED SHORE FINANCIAL SERVICES, \end{tabular}$

LLC4\$470,500.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$117,250.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$355,593.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION1\$112,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$231,750.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE.

CORPORATION 6\$702,198.001.16%0\$0.00NA0%0.00NA0%0.00N

UNION1\$115,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY1\$110,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VISIONS FEDERAL CREDIT UNION1\$122,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP3\$358,925.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC5\$587,700.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE,

LLP1\$110,907.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE
MORTGAGE CORP2\$225,520.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST
GATE BANK1\$112,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY
BANK2\$235,200.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE
CORPORATION1\$117,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable145\$17,060,3
SECURITY BANK OF

WASHINGTON1\$143,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

UNION1\$140,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$145,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$139,950.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK3\$424,389.750.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$128,100.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$142,700.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICASH1\$131,575.000.28%0\$0 FINANCIAL

CORPORATION5\$664,890.001.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT

UNION1\$147,445.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$571,211.921.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC2\$276,071.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$272,905.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST14\$1,938,039.454.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK1\$131,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION2\$266,100.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$128,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$144,400.000.31\%0\$0.00NA0\$0.$

FUNDING6\$831,670.001.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$140,800.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACASTLE COOKE MORTGAGE,

LLC3\$396,100.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CENTENNIAL LENDING,

LLC1\$138,750.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$128,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY3\$433,217.110.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE COMPANY4\$531,669.831.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CIS FINANCIAL SERVICES,

INC2\$275,564.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENS FIRST WHOLESALE

 $\label{eq:mortgage12} MORTGAGE12\$1,659,817.003.51\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOASTHILLS FEDERAL CREDIT$

 $\label{thm:constraint} UNION1\$148,000.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,\\ INC9\$1,276,223.002.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME\\ LOANS INC1\$147,750.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS\\ FEDERAL CREDIT$

 $UNION4\$542,\!537.141.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA$

BANK1\$132,800.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$148,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY4\$565,100.001.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY4\$566,300.001.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU1\$140,435.580.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$129,928.680.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$274,375.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF CHARLESTON,

SC1\$146,400.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$131,250.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C11\$1,515,141.003.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE

CORPORATION1\$125,200.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK5\$688,288.861.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK11\$1,478,974.913.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION4\$536,500.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY FUNDING DIVERSIFIED MORTGAGE

SERVICES1\$133,342.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$133,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$125,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$125,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$130,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$131,272.930.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC1\$125,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER

INC1\$145,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC4\$552,200.001.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$138,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC2\$287,250.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$133,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE

FINANCIAL

CORPORATION1\$131,200.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC5\$704,200.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$133,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$147,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC1\$125,360.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$143,950.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$148,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$144,154.560.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND TRUST1\$130,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA OLD FORT BANKING

COMPANY1\$139,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA ORRSTOWN BANK3\$409,400.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC UNION FINANCIAL, LLC1\$142,113.670.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA PATELCO CREDIT

UNION2\$271,500.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$138,400.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK2\$285,500.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION5\$701,100.001.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

 $INC2\$282,500.000.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLATINUM HOME \\ MORTGAGE1\$144,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE \\ MORTGAGE NETWORK$

INC2\$278,050.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$135,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$144,809.060.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK1\$143,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$142,312.350.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION4\$541,091.121.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$282,425.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE CORPORATION1\$136,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC4\$557,131.061.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$134,900.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

 $COMPANY1\$145,\!350.000.31\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

MEXICO3\$407,932.090.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE2\$279,057.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$142,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK6\$815,765.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC2\$273,600.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION2\$276,540.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK AND TRUST

COMPANY1\$132,750.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION3\$388,499.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$148,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC4\$522,900.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$142,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$294,400.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION2\$255,821.450.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$128,000.000.27%0\$0.00NA0%0.00NA

BANK1\$132,041.250.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable94\$12,856,962.1527.21 FEDERAL CREDIT

UNION1\$153,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE PLUS FEDERAL CREDIT

UNION1\$160,650.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION2\$323,400.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK3\$490,300.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION6\$982,125.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B3\$460,900.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION2\$334,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$172,900.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$166,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$636,467.620.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$150,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$160,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST15\$2,377,575.092.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK2\$327,700.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION3\$486,450.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT

 $UNION1\$165,\!000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN \\$

FUNDING6\$975,770.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$165,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP2\$329,400.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC14\$2,274,463.562.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC9\$1,426,379.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$

COMPANY1\$150,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING2\$327,700.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK2\$308,400.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

 $COMPANY1\$150,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITIZENS\ FIRST\ WHOLESALE$

MORTGAGE12\$1,958,928.002.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENSFIRST CREDIT UNION2\$313,745.380.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

UNION1\$160,050.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC6\$985,114.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$162,750.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

 $LLC1\$160,\!500.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACORNERSTONE\\ MORTGAGE INC1\$174,\!250.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACREDIT\\ UNION OF$

COLORADO1\$160,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY,

 $INC2\$328,187.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS \\ FEDERAL CREDIT UNION2\$321,410.000.38\%0\$0.00NA0$

LTD1\$163,967.660.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY5\$809,965.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$170,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY6\$950,199.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$150,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION2\$316,010.770.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$317,376.520.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$154,500.000.18\%0\$0.00NA0\0

SC1\$159,030.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF BOSTON1\$150,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$159,794.050.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE \\ BANK1\$157,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE \\ COMPANY, L.L.C13\$2,092,963.002.45\%0\$0.00NA0\$0.00N$

ALASKA1\$156,484.110.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK11\$1,755,043.582.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK2\$306,730.150.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$157,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK30\$4,854,737.085.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION5\$806,150.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK2\$324,425.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$151,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$160,300.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES,

INC1\$167,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$161,990.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA GTE FEDERAL CREDIT

UNION2\$307,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC2\$327,300.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$155,950.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$170,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$820,500.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$166,300.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY2\$325,250.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$164,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$156,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$154,300.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$158,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JUSTICE FEDERAL CREDIT UNION1\$155,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION1\$174,600.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC5\$839,350.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$331,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$150,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$162,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC9\$1,447,225.001.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES,

 $INC1\$156,\!000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE$

CORPORATION1\$157,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY

 $INC1\$157,\!000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL$

ASSOCIATION2\$315,574.340.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION2\$327,045.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK5\$797,375.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

 $UNION1\$153,\!750.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO BANKING \\$

COMPANY1\$168,300.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC2\$315,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC2\$328,750.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$153,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$157,287.850.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL,

 $INC2\$334,400.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE,\\ LLC1\$170,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE\\ BANK, N.A2\$324,480.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTH SHORE\\ TRUST AND$

SAVINGS1\$150,525.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE COMPANY1\$162,450.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES

ADVISORS, INC1\$171,750.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$169,600.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$161,400.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT

UNION2\$321,802.470.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$171,100.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION12\$1,916,110.002.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC2\$329,250.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$165,760.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF JACKSONVILLE1\$172,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$153,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT UNION1\$170,050.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $INC3\$486,200.000.57\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT \\ UNION3\$482,800.000.57\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT \\ BANK1\$162,400.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START \\ MORTGAGE, INC1\$160,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERHILLS \\ BANK1\$166,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT \\ MORTGAGE SERVICING$

CORPORATION 2\$323,254.000.38%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

COMPANY1\$170,080.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

 $\begin{tabular}{l} UNION4\$636,551.660.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$337,950.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$169,500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$312,500.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$166,589.910.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$171,500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW \\ \end{tabular}$

MEXICO5\$799,862.630.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE4\$666,250.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE2\$330,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MONEY SOURCE, INC1\$173,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$150,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$803,070.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK1\$169,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES.

LLC3\$505,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$499,460.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK2\$306,400.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION3\$494,500.000.58%0\$0.00NA0\$0.

CORP3\$474,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC6\$976,850.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE,

 $LLP1\$150,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$161,000.000.19\%0\$0.00NA0\0

CORPORATION 4\$655, 180.000.77%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

COMPANY1\$155,750.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable153\$24,641,610.88 MIDAMERICA CREDIT

UNION2\$115,817.880.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION1\$73,150.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE PLUS FEDERAL CREDIT

UNION1\$60,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL3\$222,400.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO2\$113,100.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$156,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK4\$302,010.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$62,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$81,827.340.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS1\$79,150.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$52,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH1\$77,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC1\$58,800.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK.

TERRELL2\$132,639.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION4\$276,922.770.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION 18\$1,056,926.001.44%0\$0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION1\$83,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$133,860.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANDREWS FEDERAL CREDIT UNION1\$47,870.460.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT

UNION4\$215,435.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC1\$39,750.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA23\$1,523,739.602.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$81,440.000.11% FINANCIAL GROUP

 $INC2\$142,\!460.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA$ BANCO SANTANDER PUERTO

RICO2\$152,201.200.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK12\$834,850.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL3\$175,450.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$75,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST41\$2,594,385.473.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $WASHINGTON1\$76,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NABANK\ TEXAS,\ NATIONAL$

ASSOCIATION1\$76,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK3\$224,620.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$147,980.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$56,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK6\$385,650.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION3\$189,100.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$110,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT

UNION1\$80,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL CORPORATION13\$939,000.001.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$52,425.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK4\$272,867.260.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$67,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE,

LLC15\$1,064,021.011.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$58,425.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$50,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK ILLINOIS1\$84,268.640.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE

 $COMPANY 10\$604,\!811.480.82\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

UNION1\$84,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK4\$259,335.430.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$64,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHEMICAL BANK2\$136,920.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHERRY CREEK MORTGAGE

COMPANY2\$164,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK1\$54,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE14\$1,043,407.001.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION2\$152,278.870.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY NATIONAL BANK OF SULPHUR

SPRINGS1\$60,075.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$162,800.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC13\$870,020.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION1\$30,400.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYPLACE MORTGAGE, LTD4\$241,606.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

 $INC1\$77,300.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CU CHANNELS,\\ LLC2\$140,950.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE,\\ INC1\$63,913.790.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT UNION3\$225,868.120.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY,$

INC1\$84,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION6\$389,044.010.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEVON BANK1\$76,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION2\$128,450.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD2\$146,910.040.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$69,750.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY16\$1,014,990.791.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY11\$729,405.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$77,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU6\$374,762.650.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION2\$125,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$80,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$45,600.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCHANGE STATE BANK1\$61,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION3\$210,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$68,850.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE9\$532,175.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$67,425.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CHOICE BANK1\$50,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA7\$378,413.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK3\$206,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST3\$171,200.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SC1\$65,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD3\$164,320.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK2\$145,910.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$94,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC1\$82,204.240.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK12\$811,206.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION7\$384,685.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C31\$2,129,565.002.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION10\$709,495.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

CARMI1\$42,400.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$61,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$115,305.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION 2\$148,250.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

LLC2\$98,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK1\$52,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$64,318.980.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS

BANK1\$66,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION2\$122,054.220.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & TRUST1\$41,250.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK15\$1,144,112.811.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION10\$605,744.640.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK4\$252,970.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC2\$161,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$55,725.390.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT SOUTHERN SAVINGS BANK1\$66,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$116,250.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES3\$181,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION2\$112,887.380.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$78,750.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$77,619.710.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$82,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$78,300.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC7\$494,057.850.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANNIBAL NATIONAL BANK1\$42,800.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK4\$272,850.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK, NATIONAL ASSOCIATION1\$74,160.000.1%0\$0.00NA

 $INC3\$184,550.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER,\\ INC8\$592,000.000.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEBANC\\ N.A1\$48,750.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE\\ COMPANY1\$62,375.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT\\ UNION2\$113,555.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL\\ CREDIT UNION2\$86,220.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS\\ NATIONAL BANK1\$62,400.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B.\\ NUTTER AND$

COMPANY2\$163,850.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN SCHOOLS FEDERAL CREDIT

UNION1\$82,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC11\$732,800.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$62,920.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION2\$128,700.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$60,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$67,409.070.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$77,250.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION1\$78,451.940.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK2\$124,640.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK3\$236,076.680.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$121,963.130.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$76,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARSHALL COMMUNITY CREDIT

UNION1\$43,875.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$75,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$31,500.000.004\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, \\ L.L.C6\$444,350.000.61\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE \\ COMPANY INC1\$76,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST \\ MORTGAGE COMPANY, \end{tabular}$

LLC1\$81,100.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$57,300.000.008\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT \\ UNION1\$61,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA \\ MORTGAGE, INC4\$217,290.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND \\ STATES BANK2\$93,090.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST \\ COMMUNITY \end{tabular}$

BANK3\$169,050.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK1\$25,600.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION2\$89,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO BANKING

 $\label{lem:company2} COMPANY2\$136,500.000.19\%0\$0.00NA0$0.00NA0$0.00N$

INC2\$124,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC5\$290,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$72,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL.

 $INC2\$131,652.550.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAINONE\\ BANK1\$69,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE,\\ LLC1\$67,819.750.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF\\ OHIO3\$169,080.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL\\ COOPERATIVE BANK,$

 $N.A2\$132,\!600.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND$

TRUST1\$83,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD HOUSING SERVICES SILICON

VALLEY1\$82,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW REPUBLIC SAVINGS BANK1\$47,077.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTH SHORE TRUST AND

SAVINGS2\$127,075.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY6\$396,120.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST GEORGIA

BANK3\$161,250.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$61,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT UNION1\$60,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION2\$147,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY2\$113,567.780.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL

BANK1\$70,475.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OMNIAMERICAN BANK1\$49,682.290.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$76,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION3\$230,105.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

 $UNION3\$180,\!350.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL \\$

ASSOCIATION 4\$304,396.660.41%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

CORPORATION15\$1,003,015.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLATINUM HOME MORTGAGE1\$41,750.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC3\$175,243.870.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

UNION1\$82,450.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST4\$225,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION2\$125,900.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION1\$80,650.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUTNAM
BANK1\$65,911.100.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK,
N.A3\$175,750.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE,
INC1\$75,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE
NETWORK INC4\$262,650.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD
CREDIT UNION1\$50,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT
BANK2\$119,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY
BANK1\$80,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY
BANK2\$132,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROBINS FINANCIAL
CREDIT UNION3\$198,275.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO
CREDIT UNION1\$59,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT
UNION3\$225,656.350.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN ANTONIO
FEDERAL CREDIT UNION

(SAFCU)2\$136,542.100.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION1\$63,915.720.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION1\$82,400.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$66,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE10\$647,263.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHORE FINANCIAL SERVICES, INC. DBA SHORE

MORTGAGE1\$66,530.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLIDARITY COMMUNITY FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION2\$109,100.000.15\%0\$0.00NA0\$0.00N$

CORPORATION1\$41,250.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND TRUST

COMPANY2\$104,750.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$60,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$60,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC1\$39,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC4\$303,250.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK5\$322,400.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

 $\label{thm:company} {\rm COMPANY}1\$76,000.000.1\%0\$0.00{\rm NA}0\$0.00{\rm NA}0.00{\rm NA}0.00{\rm NA}0.00{\rm NA}0.00{\rm NA}0.00{\rm NA}0.00{\rm NA}0.00{\rm$

MEXICO1\$76,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN AMERICAN MORTGAGE

COMPANY2\$109,700.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION1\$84,175.930.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC

MORTGAGE9\$562,770.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK &
TRUST1\$36,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TECHE FEDERAL
SAVINGS BANK1\$72,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS
BANK1\$54,375.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF
MAINE2\$93,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA
CREDIT UNION1\$65,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS
BANKING COMPANY1\$48,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$66,975.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION1\$82,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC3\$133,100.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK18\$1,208,229.141.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY1\$44,320.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC3\$196,175.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION2\$153,872.400.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC5\$327,291.430.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK4\$224,170.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION1\$49,931.110.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST COMPANY1\$36,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION7\$423,812.000.58%0\$0.00NA

CORP3\$212,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC6\$392,625.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE, LLP1\$75,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON TRUST BANK3\$242,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP11\$675,820.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$68,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK2\$118,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK2\$104,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$70,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION4\$243,600.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

TRUST1\$69,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$80,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YADKIN VALLEY BANK AND TRUST

COMPANY1\$43,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable326\$21,232,126.492 MORTGAGE GROUP,

INC1\$202,131.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC1\$129,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$274,533.370.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$126,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$801,136.151.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$294,500.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$921,000.002.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK1\$186,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION3\$867,400.002.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING3\$665,543.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE, LLC2\$500,650.001.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC9\$2,274,007.785.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$181,100.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHELSEA GROTON BANK1\$179,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$150,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE COMPANY2\$315,400.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO

INC3\$644,050.001.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYPLACE MORTGAGE, LTD1\$258,418.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$540,350.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY1\$277,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD1\$332,000.000.77%0\$0.00NA

 $\label{thm:bound} MORTGAGE1\$218,200.000.51\%0\$0.00NA0$

SC3\$505,678.171.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$217,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C2\$397,900.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK8\$1,838,135.394.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION 2\$872,100.002.03%0\$0.00 NA0\$0.00 N

 $SERVICES1\$241,950.000.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAGMAC MORTGAGE, \\ LLC1\$173,800.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAGMAC MORTGAGE \\ MORTGAGE$

SERVICES1\$260,000.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B3\$739,078.611.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$369,000.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL CORPORATION3\$609,550.001.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$188,700.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$404,000.000.94<math>%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$185,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$306,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION2\$486,000.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES,

 $INC1\$210,000.000.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA\\ BANK1\$251,000.000.58\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE\\ MORTGAGE$

CORPORATION1\$294,700.000.69%0\$0.00NA

 $INC2\$416,000.000.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, \\ NA1\$142,924.040.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$399,000.000.93\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE$

COMPANY2\$592,800.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION9\$2,059,750.004.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$194,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$322,600.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$236,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$132,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$174,527.680.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$214,500.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$153,787.830.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE5\$991,480.002.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION 1\$137,200.000.32%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $\label{eq:maxico3} MEXICO3\$645,171.001.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC\\ MORTGAGE1\$162,500.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$204,000.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY1\$179,050.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$142,471.900.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$884,700.002.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,$

LLC1\$265,300.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY BANK1\$246,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC1\$256,600.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$220,500.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION1\$252,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$253,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC7\$2,083,970.004.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$181,677.280.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$327,290.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

UNION1\$227,500.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable42\$9,656,100.0022.519 PACIFIC MORTGAGE

CORPORATION5\$1,451,825.001.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC1\$316,350.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC2\$601,397.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$176,346.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$194,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT UNION1\$369,550.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRAND MORTGAGE GROUP,

LLC1\$324,950.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING3\$1,125,700.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK1\$204,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

 $PARTNERSHIP3\$746,700.000.91\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC5\$1,348,400.001.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE, LLC5\$1,204,721.001.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL\\ MORTGAGE$

 $\label{lem:company1} COMPANY1\$231,800.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$300,700.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$270,000.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE COMPANY1\$402,550.000.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$579,500.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$191,090.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOBALT MORTGAGE, INC17\$4,734,144.005.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACORNERSTONE MORTGAGE INC2\$488,300.000.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADHI MORTGAGE COMPANY, \end{tabular}$

LTD2\$520,951.420.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$194,750.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY2\$420,755.000.51%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

MORTGAGE6\$1,456,730.001.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE12\$3,469,630.294.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CONTINENTAL MORTGAGE COMPANY,

LTD1\$242,250.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$203,700.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION2\$559,065.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $L.L.C5\$1,262,211.001.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE \\ CORPORATION2\$583,067.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE \\ BANK10\$2,660,033.633.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS \\ BANK1\$298,775.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT \\ BANK2\$651,700.000.8\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL$

 $ASSOCIATION3\$791,100.000.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP,\\INC1\$175,750.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN\\BANK1\$321,611.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE\\COMPANY4\$841,000.001.03\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING\\CENTER INC1\$224,200.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN\\CENTER, INC4\$1,036,850.001.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET\\BANK1\$208,550.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU\\HOMELOANS,$

INC1\$354,050.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY1\$300,675.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$828,250.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$321,775.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$224,883.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$181,450.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL.

INC1\$283,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY2\$517,600.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$333,680.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$417,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION15\$4,366,890.005.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

 $INC2\$531,989.000.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE \ AND FIRE FEDERAL CREDIT UNION1\$249,375.000.3\%0\$0.00NA0$

INC1\$228,950.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$456,400.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$598,500.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION3\$701,120.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$449,493.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE13\$3,640,062.004.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$189,050.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT

UNION1\$291,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$590,932.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK1\$227,525.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$355,300.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$250,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$965,523.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION1\$252,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION1\$274,550.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP2\$613,700.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC4\$845,975.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE,

LLP2\$530,760.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$660,250.000.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $UNION1\$394,\!250.000.48\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

CORPORATION2\$604,324.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable105\$28,054,3 CREDIT UNION1\$219,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION1\$576,108.581.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC2\$620,700.001.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION2\$296,950.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA3\$674,498.521.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$714,268.632.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$132,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$493,500.001.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$1,097,000.003.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC10\$2,463,700.007.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY2\$309,800.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$213,225.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$800,600.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY,

 $INC1\$161,700.000.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DESERT \ SCHOOLS \ FEDERAL \ CREDIT$

UNION1\$164,200.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEVON BANK1\$306,800.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$618,649.161.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST3\$538,200.001.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$175,400.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$431,512.841.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$150,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$493,951.741.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT \\ UNION1\$150,500.000.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT \\ BANK4\$1,205,025.503.45\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL \\ \end{tabular}$

ASSOCIATION1\$154,850.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY FUNDING DIVERSIFIED MORTGAGE

SERVICES1\$207,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$314,600.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$221,700.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$178,475.170.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK2\$274,641.050.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER,

INC2\$339,200.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL CORPORATION1\$331,400.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOR BANK2\$434,900.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$300,000.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$261,500.000.75%0\$0.00NA

CORPORATION1\$144,900.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$992,500.002.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$374,500.001.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK MORTGAGE COMPANY,

INC1\$167,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

INC1\$150,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT UNION1\$185,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION2\$476,200.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC2\$243,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY3\$623,300.001.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION10\$2,215,750.006.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$166,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$182,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$256,048.790.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC3\$802,252.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$192,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$113,644.120.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION1\$314,000.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$134,800.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$142,500.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$550,050.001.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO2\$619,200.001.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$346,000.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$758,240.002.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE CORPORATION1\$160,600.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORP2\$404,700.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC7\$1,513,908.124.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$6,706,365.3419.17% SECURITY BANK OF

WASHINGTON1\$235,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK3\$666,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AKT AMERICAN CAPITAL, INC1\$390,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $UNION2\$503,\!500.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL$

CREDIT UNION1\$210,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE3\$845,012.080.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION10\$2,559,937.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B5\$1,809,550.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA6\$1,791,261.510.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATLANTIC PACIFIC MORTGAGE

CORPORATION1\$214,716.880.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$1,069,750.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST13\$3,561,883.081.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK1\$183,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$876,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$409,460.090.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING16\$4,575,300.001.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE, LLC1\$293,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC38\$10,552,553.464.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC2\$429,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$856,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

 $\label{thm:company4} COMPANY4\$1,585,173.520.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE MORTGAGE3\$709,966.000.3\%0\$0.00NA0\0

LTD1\$309,734.820.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$348,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$216,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY11\$2,591,250.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$221,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU4\$932,727.590.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD1\$198,707.480.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$410,977.770.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$595,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$685,419.450.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIREFIGHTERS FIRST CREDIT UNION1\$325,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$365,709.340.15%0\$0.00NA0

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$227,000.000.1\%0\$0.00NA0\$0.$

BOSTON2\$360,920.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN

BANK2\$947,500.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK4\$975,500.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C4\$756,334.510.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE

CORPORATION2\$495,920.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$272,648.590.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK3\$697,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK12\$4,176,995.991.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION1\$217,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$240,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOSTER BANK1\$300,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK61\$16,280,225.696.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION6\$1,466,100.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK2\$528,450.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC3\$714,525.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK, FSA1\$213,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE SERVICES2\$485,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

 $UNION1\$185,625.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD\ MORTGAGE\ COMPANY 1\$457,500.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME\ FINANCING\ CENTER\ INC 1\$300,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME\ LOAN\ CENTER,\ INC 2\$575,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEBANC\ N.A 1\$191,250.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU\ HOMELOANS,\ INC 1\$625,500.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ INTERNATIONAL\ CITY\ MORTGAGE,\ INC 2\$595,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ INVESTORS\ BANK 1\$200,000.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ J.G.\ WENTWORTH\ HOME\ LENDING,\ LLC 3\$835,250.000.35\%0\$0.00NA0\0.0

INC4\$902,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A15\$4,683,950.001.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$397,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC47\$15,579,726.006.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$190,811.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION2\$436,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION2\$424,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$491,250.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

UNION2\$532,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION1\$196,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC5\$1,893,800.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$444,742.550.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK3\$965,250.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION15\$3,548,058.001.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC4\$1,071,800.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES, INC1\$262,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A3\$664,700.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH SAVINGS BANK1\$224,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$177,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CAPITAL BANK1\$256,875.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$457,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC4\$1,212,500.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$240,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$347,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION2\$526,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION20\$4,530,266.581.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

DANBURY1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE2\$549,165.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL

CORPORATION1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$241,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$255,000.000.11%0\$0.00NA0\$0.00N

MEXICO1\$412,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$1,211,875.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$283,725.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MONEY SOURCE, INC1\$242,680.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK9\$2,100,450.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES.

LLC1\$210,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$811,612.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$337,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP12\$3,613,394.001.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC8\$2,300,550.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE, LLP2\$543,875.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

BANK1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$201,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION2\$651,475.360.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$220,701.230.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB1\$264,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable318\$94,546,332.9340.05%

2ND MORTGAGE COMPANY OF NEW JERSEY,

INC2\$504,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$184,400.000.1%0\$0.00NA

BANK4\$1,272,950.870.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

UNION2\$613,525.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $\begin{tabular}{l} UNION10\$2,454,535.141.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC1\$172,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$206,400.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$549,600.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK5\$1,170,110.490.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE5\$1,076,290.320.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., \end{tabular} \label{tabular}$

INC1\$166,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC2\$467,600.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION8\$1,946,615.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK, F.S.B5\$966,550.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANZ GUAM, INC1\$279,221.120.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA9\$2,071,308.671.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK6\$1,217,600.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$142,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST13\$2,539,342.051.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$403,800.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$189,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK2\$543,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$157,700.000.008\%0\$0.00NA0\0

UNION1\$360,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL CORPORATION1\$128,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRIDGEWATER CREDIT UNION1\$222,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING2\$518,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$228,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

 $PARTNERSHIP1\$175,800.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC16\$5,123,900.002.64\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE, LLC8\$1,808,611.000.93\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL\\ MORTGAGE$

COMPANY4\$684,502.450.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK2\$403,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$136,000.000.07% FEDERAL CREDIT

UNION3\$483,850.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK1\$150,321.640.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING2\$315,900.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK

MORTGAGE

 $\label{lem:company} {\bf COMPANY}1\$396,185.610.2\%0\$0.00{\bf NA}0\$0.00{\bf NA}0\$0.0$

LYNN1\$188,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC3\$1,110,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$227,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$381,400.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC1\$352,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$184,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION1\$238,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$139,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DHI MORTGAGE COMPANY,

LTD7\$1,693,327.810.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK2\$455,\!000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER \ AND \ KRAMER \ MORTGAGE \ CORP. \ D/B/A \ 1ST \ ADVANTAGE$

MORTGAGE2\$375,100.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY11\$2,848,470.001.47%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

COMPANY6\$1,258,921.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU5\$1,030,798.030.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$379,920.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$147,150.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$599,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$370,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC4\$1,172,942.010.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$782,950.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$356,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION3\$496,970.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE

 $\label{eq:midwest1} MIDWEST1\$125,600.000.06\%0\$0.00NA$

 $LAKEWOOD2\$484,\!570.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\ FEDERAL\ SAVINGS\ BANK\ OF$

BOSTON3\$1,026,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST GUARANTY MORTGAGE

 $CORPORATION1\$151,\!568.000.08\%0\$0.00NA0\$0.00N$

CORPORATION6\$907,750.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C21\$4,183,837.002.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION3\$803,420.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$161,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD1\$167,983.900.09%0\$0.00NA0\$0.00

CORPORATION1\$318,400.000.16%0\$0.00NA0%0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION2\$353,300.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK \& TRUST1\$176,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$233,600.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK9\$2,068,643.491.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL \\ \end{tabular}$

ASSOCIATION18\$4,692,301.832.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC2\$512,600.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$130,150.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK SSB1\$243,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT SOUTHERN SAVINGS BANK1\$396,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK3\$952,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT NEVADA MORTGAGE

SERVICES1\$145,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION2\$398,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC2\$448,620.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY7\$1,587,750.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANNIBAL NATIONAL

BANK1\$135,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK2\$356,579.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$135,575.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC3\$713,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC7\$1,731,000.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION2\$346,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$162,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEBANC N.A1\$417,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$332,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

 $\label{thm:cond} \begin{tabular}{l} UNION1\$171,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT \\ UNION1\$209,600.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL \\ CREDIT UNION3\$544,300.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS \\ NATIONAL \end{tabular}$

BANK1\$165,830.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERAMERICAN BANK, A FEDERAL SAVINGS

 $BANK1\$175,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS\\ BANK2\$795,511.830.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH\\ HOME LENDING,$

LLC5\$1,237,500.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JUSTICE FEDERAL CREDIT UNION1\$131,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SCHOOLS FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$244,000.000.13\%0\$0.00NA0\0

INC6\$1,662,900.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$302,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$339,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC6\$2,153,843.051.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$127,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$128,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION1\$223,531.070.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL BANK1\$132,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$210,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$251,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$192,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$999,442.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$494,450.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC5\$833,055.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$234,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$286,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK3\$535,200.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

 $\label{thm:consumption} UNION1\$414,000.000.21\%0\$0.00NA0\0.00

INC2\$296,889.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$240,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

 $UNION1\$250,\!500.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NATIONAL \ COOPERATIVE BANK,$

N.A1\$274,621.130.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$188,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT UNION1\$166,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$227,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OMNIAMERICAN BANK1\$279,300.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$190,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION2\$315,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION 3\$449,427.580.23%0\$0.00 NA0\$0.00 N

CORPORATION 11\$2,961,550.001.53%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

INC5\$1,154,491.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER BANK2\$689,499.600.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION1\$131,575.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER SAVINGS

BANK1\$168,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$352,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$228,950.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUBLIC SERVICE EMPLOYEES CREDIT

UNION1\$181,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION1\$350,300.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH SAVINGS

BANK1\$393,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION1\$339,300.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$296,250.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC6\$1,638,300.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$199,730.600.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$464,750.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$298,120.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$130,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$389,680.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$549,360.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAHARA MORTGAGE1\$412,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT

UNION2\$255,329.470.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SANTA CLARA COUNTY FEDERAL CREDIT

UNION1\$385,955.520.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION3\$1,075,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO2\$353,654.060.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE8\$1,825,850.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$209,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL

CORPORATION2\$486,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND TRUST

COMPANY2\$616,800.000.32%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION2\$453,739.260.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC1\$261,520.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$175,200.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC1\$160,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$556,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK6\$1,637,817.230.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

 $\label{lem:company2} COMPANY2\$602,000.000.31\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00N$

COMPANY2\$370,400.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

$$\label{eq:maxico4} \begin{split} \text{MEXICO4\$1,066,333.830.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUFFOLK COUNTY \\ \text{NATIONAL BANK1\$235,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC \\ \text{MORTGAGE15\$3,654,314.001.88\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS \\ \text{FEDERAL CREDIT UNION2\$568,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE \\ \text{BANK OF MAINE1\$188,300.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST \\ \text{NATIONAL BANK1\$182,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE \\ \text{MONEY SOURCE, INC3\$899,604.200.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE \\ \text{NATIONAL BANK OF} \end{split}$$

INDIANAPOLIS2\$568,160.000.29%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$179,592.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY1\$140,150.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK11\$2,296,980.001.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF UNION1\$136,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES, \end{tabular}$

LLC1\$143,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$210,300.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY BANK1\$138,600.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC7\$1,923,300.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$150,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$129,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION4\$868,200.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VIRGINIA CREDIT UNION, INC1\$186,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP7\$1,679,200.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC7\$1,619,150.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE, LLP1\$202,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$133,082.350.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$579,336.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

UNION2\$588,400.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$135,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION9\$2,275,730.701.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK,

FSB2\$538,600.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable232\$54,615,029.6228.12% FEDERAL SAVINGS AND LOAN

ASSOCIATION1\$625,500.006.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC3\$1,550,846.0015.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK1\$620,000.006.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GFI MORTGAGE BANKERS, INC1\$513,000.005.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK2\$1,143,000.0011.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES, INC1\$887,000.008.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$500,000.004.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

N.A1\$668,884.796.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$3,667,580.6136.05%0\$0 FEDERAL SAVINGS AND LOAN

ASSOCIATION 1\$266, 250.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACONTINENTAL

HOME LOANS INC7\$1,848,350.0012%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAMILY FIRST OF NY FEDERAL CREDIT

UNION1\$331,303.132.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION1\$528,000.003.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKLIN FIRST FINANCIAL, LTD1\$380,000.002.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GFI MORTGAGE BANKERS,

 $INC2\$636,000.004.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS\\ BANK1\$206,250.001.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE\\ SERVICES, INC3\$1,415,500.009.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE\\ BANK, NA1\$275,228.751.79\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND\\ MORTGAGE CORP4\$1,204,500.007.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORGAN\\ STANLEY PRIVATE BANK, NATIONAL$

ASSOCIATION1\$366,862.822.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION2\$549,459.723.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION4\$1,230,500.007.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MONEY SOURCE, INC1\$250,000.001.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE

CORPORATION1\$215,000.001.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$5,703,818.2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$217,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB1\$165,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION2\$524,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$202,798.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC2\$435,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE6\$1,208,509.580.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION12\$2,326,091.181.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$170,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS

BANK1\$175,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC5\$1,079,500.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION4\$929,494.750.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION4\$727,215.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB13\$2,577,500.001.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$208,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA11\$2,249,827.431.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATLANTIC PACIFIC MORTGAGE

CORPORATION2\$350,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$250,0 FINANCIAL GROUP

INC1\$264,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK3\$504,600.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL3\$516,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD2\$349,919.390.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WASHINGTON1\$157,100.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION4\$793,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION3\$529,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$278,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$217,442.970.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$212,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING3\$680,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

 $THE1\$175,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS \\ BANK1\$185,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT \\ UNION1\$157,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON \\ BANK2\$343,400.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, \\ INC76\$16,731,740.4611.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL \\ MORTGAGE$

COMPANY 5\$1,063,250.000.75%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

UNION3\$533,500.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS BANK1\$274,127.940.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK3\$486,325.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING2\$364,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK3\$589,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$154,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC3\$648,610.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLE TAYLOR BANK3\$601,919.430.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

 $FLORIDA1\$218,100.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY\\ MORTGAGE FUNDING,$

LLC1\$195,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK1\$150,768.970.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION3\$605,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$425,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE CORPORATION1\$202,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK2\$328,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK1\$160,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENMARK STATE BANK1\$242,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$373,209.720.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$186,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK2\$460,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE5\$976,500.000.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY3\$642,950.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION3\$671,115.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK4\$884,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$538,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$150,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN

 $INTERNATIONAL\ BANK2\$554,000.000.39\%0\$0.00NA$

UNION2\$331,700.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD1\$245,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN OF BUCKS

COUNTY1\$162,445.960.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON5\$1,050,422.550.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK5\$1,530,325.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA2\$346,381.200.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

 $ASSOCIATION1\$210,431.640.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK6\$1,125,150.000.79\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOSTER\\ BANK1\$168,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE\\ BANK2\$421,100.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK &\\ TRUST1\$172,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK31\$6,776,596.474.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK,\\ NATIONAL$

ASSOCIATION12\$2,302,107.001.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$173,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION1\$210,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES,

INC4\$749,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$210,100.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$200,000.000.14%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

UNION2\$362,386.040.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY LOAN AND REAL ESTATE

COMPANY1\$150,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$238,398.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$157,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC2\$534,600.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY3\$712,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST,

FSB1\$169,528.290.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$175,200.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC6\$1,553,500.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$172,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK2\$321,035.210.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK2\$350,265.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$201,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK1\$158,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY2\$422,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY2\$422,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION5\$1,078,000.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$182,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$176,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$386,218.750.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT UNION1\$250,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A7\$1,426,000.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$192,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEOMINSTER CREDIT UNION4\$763,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK11\$2,359,975.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$184,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$166,200.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC2\$321,401.590.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC3\$642,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$158,855.030.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC4\$793,250.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION5\$918,954.950.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC3\$736,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$194,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST LOAN SERVICES

INC1\$167,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK2\$442,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC2\$460,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC4\$702,250.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING CORPORATION1\$180,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$263,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION1\$186,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$170,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$275,836.180.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC1\$181,100.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK2\$412,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY2\$354,665.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION4\$826,284.340.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

 $\label{thm:condition} \begin{tabular}{l} UNION2\$354,800.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION3\$568,500.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY2\$335,000.000.24\%0\$0.00NA0\0.0

BANK2\$480,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$250,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION1\$168,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT

UNION2\$321,700.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$181,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION27\$5,524,983.633.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$198,587.290.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION1\$177,500.000.13%0\$0.00NA

TRUST1\$231,775.950.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION2\$429,600.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

UNION1\$160,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROGRESSIVE SAVINGS BANK

FSB1\$186,397.840.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION8\$1,706,188.821.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RAYNE BUILDING AND LOAN

ASSOCIATION1\$150,000.000.11%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

INC1\$161,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT

UNION4\$799,290.810.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK1\$198,000.000.14% MORTGAGE SERVICING

CORPORATION13\$2,826,400.001.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB2\$408,100.000.29%0\$0.00NA0\$0.0

UNION2\$348,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK1\$165,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK SAVINGS AND LOAN

ASSOCIATION1\$161,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION1\$249,700.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$164,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION1\$240,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$261,608.820.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE

 $LAKES2\$347,500.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTEARNS\ LENDING,\\INC2\$337,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTILLWATER\ NATIONAL\ BANK\ \&\ TRUST$

COMPANY1\$165,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY2\$352,650.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$250,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$198,497.360.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUFFOLK COUNTY NATIONAL BANK1\$220,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION4\$637,900.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN WEST MORTGAGE COMPANY

INC1\$199,750.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL

CREDIT UNION5\$956,947.920.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$266,900.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION1\$211,800.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MERCHANTS NATIONAL

BANK1\$205,600.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF INDIANAPOLIS1\$256,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NORTHUMBERLAND NATIONAL

BANK1\$183,200.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$190,634.930.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION1\$204,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TINKER FEDERAL CREDIT

UNION1\$158,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$414,015.920.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY1\$180,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$258,570.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK4\$827,700.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$343,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK1\$227,746.600.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE CORPORATION1\$151,706.540.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$168,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$186,750.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$177,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK2\$427,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION5\$886,900.000.63\%0\$0.00NA0\$0.$

UNION1\$185,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC3\$728,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION4\$747,432.390.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP1\$205,323.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEBSTER BANK, N.A1\$152,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FEDERAL BANK1\$171,753.940.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION3\$638,303.160.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$179,200.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION2\$465,204.690.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION2\$347,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YOLO FEDERAL CREDIT

UNION1\$200,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable101\$20,209,428.6414.2 MIDAMERICA CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION5\$443,750.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$66,000.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS \\ \end{tabular}$

BANK1\$140,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

 $SSB9\$778,000.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK\ TRUST\ COMPANY\ THE 3\$174,748.960.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL\ FEDERAL\ CREDIT$

UNION1\$95,100.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION3\$303,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION3\$338,400.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL3\$297,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$95,200.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC2\$250,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE7\$752,848.540.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION 36\$3,505,637.582.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS4\$260,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER2\$210,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH2\$152,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A4\$286,041.200.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS BANK4\$405,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE

LARIBA6\$518,770.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$88,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION11\$1,017,813.850.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION19\$1,867,407.031.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL3\$306,750.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS 2\$149,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$123,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B2\$173,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION5\$443,700.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB65\$5,930,321.593.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION6\$467,450.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION4\$365,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA35\$3,051,413.941.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION2\$219,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK3\$218,80 FINANCIAL GROUP

INC1\$100,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$255,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL7\$704,587.610.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD22\$1,716,519.681.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY7\$615,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$127,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WASHINGTON3\$229,060.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

STAFF FEDERAL CREDIT

UNION1\$120,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKFINANCIAL FSB3\$228,900.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA2\$149,700.000.09%0\$0.0 CREDIT UNION11\$984,360.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK3\$247,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION3\$287,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK3\$331,859.680.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETTER BANKS2\$166,334.570.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK16\$1,427,729.070.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$98,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL ASSOCIATION2\$177,134.970.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL.

CORPORATION 1\$71,000.000.04%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA

THE2\$249,300.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK1\$85,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT UNION2\$183,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP2\$158,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK5\$446,300.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC18\$2,177,200.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC5\$428,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK3\$265,700.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK ILLINOIS5\$369,451.420.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT

UNION2\$138,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CENTRAL MORTGAGE COMPANY25\$2,090,059.331.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0

UNION4\$330,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$334,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK2\$185,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$45,300.000.03%0 BANK6\$385,275.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$37,400.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT UNION1\$108,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK11\$869,480.580.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

 $COMPANY1\$87,\!300.000.05\%0\$0.00NA0\%0.00NA0\%0.$

COMPANY1\$123,800.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK OF NORTHERN

KENTUCKY1\$75,700.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS COMMUNITY BANK2\$94,129.500.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS NATIONAL BANK

BROWNWOOD1\$60,500.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY STATE BANK1\$118,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC1\$90,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLE TAYLOR BANK4\$295,693.970.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CREDIT UNION OF

LYNN1\$120,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST

CREDIT UNION OF

FLORIDA2\$166,580.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

 $LLC2\$102,\!500.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK 2\$167,\!000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK OF ROCK \\$

FALLS3\$196,462.530.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMER LOAN SERVICES, LLC2\$150,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

 $\begin{tabular}{l} UNION8\$736,300.000.45\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL\ HOME\ LOANS\ INC1\$120,400.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONVERSE\ COUNTY\ BANK1\$56,050.000.03\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE\ MORTGAGE\ INC1\$90,850.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST\ BANK5\$461,500.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ COVANTAGE\ CREDIT\ UNION1\$85,000.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ CREDIT\ UNION\ MORTGAGE\ SERVICES, \end{tabular}$

 $INC6\$415,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CU COMMUNITY,\\ LLC1\$68,999.420.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND SECURITY\\ BANK2\$167,800.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE\\ CORPORATION13\$1,168,365.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO\\ MORTGAGE.$

INC3\$270,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DAKOTALAND FEDERAL CREDIT UNION5\$281,100.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE

BANK2\$237,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELMAR FINANCIAL COMPANY1\$85,740.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK2\$234,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENMARK STATE BANK1\$135,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$107,311.820.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION16\$1,308,400.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK2\$160,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DOW LOUISIANA FEDERAL CREDIT

UNION1\$140,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE2\$223,800.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY5\$451,495.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION6\$447,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION9\$904,883.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$68,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST WOOD BANK3\$305,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EATON NATIONAL BANK AND TRUST

COMPANY1\$81,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY,

INC1\$132,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$77,196.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT UNION2\$205,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL

ASSOCIATION1\$75,684.720.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS &

MERCHANTS BANK1\$57,798.080.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS AND MERCHANTS SAVINGS

BANK1\$92,250.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS BANK & CAPITAL TRUST1\$131,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$205,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE

BANK6\$588,850.500.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$81,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$139,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

UNION5\$335,800.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL BANK1\$90,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING4\$262,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK RICHMOND, NA2\$113,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CENTURY BANK, INC3\$215,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$274,600.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$100,000.000.06%0\$0.00NA0\$0.00

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$153,500.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL\\ BANK2\$96,700.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL\\ BANK OF OHIO1\$79,200.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL\\ BANK OF THE \end{tabular}$

MIDWEST11\$820,200.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK2\$257,400.300.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON6\$711,739.780.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF CHAMPAIGN

URBANA1\$40,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT UNION2\$119,664.920.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL.

LLC6\$625,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK11\$865,750.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C5\$447,923.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA6\$580,039.500.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF CARMI5\$480,039.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF <math display="block">ALASKA6\$580,039.500.35%0\$0.00NA0\$0.00N

WATERLOO4\$441,650.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$98,576.210.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NORTHERN CREDIT

 $\begin{tabular}{l} UNION2\$192,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK13\$1,125,643.090.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED\\ BANK1\$64,000.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO\\ RICO7\$576,248.830.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS\\ BANK5\$423,000.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLORIDA CREDIT\\ UNION1\$39,900.000.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOSTER\\ BANK3\$244,100.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE\\ BANK2\$238,300.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & \end{tabular}$

TRUST1\$90,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION4\$345,800.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK12\$1,537,113.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION53\$4,974,566.253.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION7\$738,750.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION3\$225,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT SOUTHERN SAVINGS

BANK1\$21,500.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$67,900.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES5\$638,200.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION5\$635,569.100.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

UNION3\$272,912.130.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION3\$325,800.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC10\$916,900.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY3\$258,184.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAWTHORN BANK4\$271,597.410.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION5\$260,579.160.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK, NATIONAL

ASSOCIATION1\$98,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERSHEY STATE BANK1\$40,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST,

FSB6\$462,467.080.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION3\$295,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK3\$183,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$148,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC3\$347,300.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK2\$185,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMETOWN BANK1\$59,500.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOR BANK4\$364,703.490.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION2\$167,700.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT UNION2\$123,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK9\$500,176.560.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK6\$514,231.280.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INSIGHT CREDIT UNION4\$274,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK2\$175,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK2\$175,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION2\$89,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK4\$380,497.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND

 $\label{thm:company:sites} COMPANY2\$178,700.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING3\$329,500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION5\$569,750.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION11\$1,011,869.000.62\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST5\$420,200.000.26\%0\$0.00NA0\$0.00N$

 $INC3\$243,700.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ LAND\ /HOME\ FINANCIAL$

SERVICES, INC1\$113,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION5\$434,203.060.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION7\$613,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A3\$325,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION2\$210,200.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEOMINSTER CREDIT UNION1\$120,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK 1\$95,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$95,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$107,300.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOGAN FINANCE CORPORATION1\$118,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK12\$1,084,900.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$111,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE

 $BANK1\$108,600.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS\\ BANK AND TRUST CO1\$41,000.000.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE\\ BANK8\$558,851.040.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT\\ UNION3\$206,200.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MECHANICS SAVINGS\\ BANK1\$75,500.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST\\ MORTGAGE.$

LLC22\$1,934,712.671.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC7\$768,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION18\$1,523,168.070.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$104,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK2\$166,050.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION10\$1,001,278.050.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MICHIGAN TECH EMPLOYEES FEDERAL CREDIT

UNION1\$86,700.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC6\$570,229.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK4\$313,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST BANK OF WESTERN

ILLINOIS5\$272,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK9\$830,383.410.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK9\$752,050.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION1\$60,000.000.004%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT

 $\label{thm:company2} \begin{tabular}{l} UNION1\$90,200.000.005\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO\\ BANKING COMPANY2\$167,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORRILL\\ \& JANES BANK AND TRUST\\ \end{tabular}$

COMPANY2\$123,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC11\$817,550.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING

CORPORATION1\$28,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL SAVINGS ASSOCIATION

FSA1\$135,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC9\$848,275.610.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION2\$272,616.970.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF MIDDLEBURY1\$104,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$87,300.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$78,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST6\$516,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC4\$377,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWFIELD NATIONAL BANK1\$110,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK2\$169,783.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY6\$675,250.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION3\$347,489.780.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY14\$1,177,441.350.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK2\$244,380.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

 $\begin{tabular}{l} UNION4\$306,200.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NRL FEDERAL CREDIT \\ UNION3\$310,500.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT \\ UNION2\$176,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL \\ CREDIT UNION2\$239,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OAK \\ BANK1\$72,380.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING \\ COMPANY5\$341,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND \\ NATIONAL BANK1\$79,500.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL \\ BANK AND TRUST4\$248,200.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL \\ FEDERAL CREDIT \\ \end{tabular}$

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$208,650.000.13\%0\$0.00NA0\0

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$44,000.000.003\%0\$0.00NA0\0

COUNTY2\$154,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION 3\$228,000.000.14%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $BANK1\$92,000.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES STATE\\ BANK2\$158,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES TRUST\\ COMPANY OF ST.$

ALBANS2\$165,207.500.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC6\$303,452.950.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK14\$1,135,500.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST11\$895,595.070.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT

UNION2\$191,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF JACKSONVILLE3\$167,354.100.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMARY CAPITAL ADVISORS, LC D/B/A PRIMARY CAPITAL

MORTGAGE1\$40,000.000.02%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

MORTGAGE

CORPORATION1\$115,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

UNION4\$218,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT FEDERAL SAVINGS BANK1\$60,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK3\$177,319.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION6\$578,628.270.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH SAVINGS BANK3\$221,800.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$85,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION22\$1,933,787.031.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION22\$1,933,787.031.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIDDELL NATIONAL BANK1\$41,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$88,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB2\$143,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB2\$143,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION36\$3,205,739.011.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN ANTONIO FEDERAL CREDIT UNION

(SAFCU)1\$49,446.270.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$112,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO6\$373,045.530.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEASONS FEDERAL CREDIT

UNION4\$425,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY CREDIT UNION1\$67,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH DAKOTA1\$110,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$118,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT UNION1\$50,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION5\$389,639.370.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLIDARITY COMMUNITY FEDERAL CREDIT

UNION1\$67,510.220.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN COMMERCIAL BANK1\$115,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK1\$80,000.000.05%0\$0.00NA0\$

CORPORATION5\$539,825.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK5\$527,900.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. PAUL FEDERAL CREDIT UNION1\$90,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND TRUST

COMPANY2\$222,000.000.13%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION4\$393,485.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$146,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS7\$716,704.640.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$48,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF NEW PRAGUE1\$145,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES4\$380,900.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY6\$488,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA2\$164,020.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION23\$2,291,685.001.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR

FEDERAL CREDIT

 $\label{thm:comparison} \begin{tabular}{l} UNION9\$637,066.270.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUTTON\\ BANK1\$70,000.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK &\\ TRUST2\$207,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TAYLOR COUNTY\\ BANK1\$27,000.000.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS\\ BANK3\$301,200.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS\\ BANKING COMPANY1\$50,000.000.03\%0\$0.00NA0\$$

COMPANY4\$259,350.000.16%0\$0.00NA0\$0.

AMBOY1\$48,229.450.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK OF DENNISON3\$150,100.000.09%0\$0.00NA0\$0

SYCAMORE2\$164,284.390.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$100,256.250.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PEOPLES BANK1\$47,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION4\$393,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE TRADERS NATIONAL BANK2\$170,251.370.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION3\$168,545.670.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC2\$244,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANK OF QUINCY2\$100,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK2\$113,570.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRISTAR BANK1\$56,350.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$248,336.470.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST6\$611,900.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF UNION2\$131,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK20\$1,428,702.980.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED NATIONS FEDERAL CREDIT

UNION2\$174,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

 $LLC1\$86,152.140.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL\ AMERICAN\ MORTGAGE\ COMPANY,$

LLC4\$365,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION3\$305,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$129,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST

COMPANY1\$87,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VERMONT FEDERAL CREDIT

UNION2\$186,000.000.11%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

 $\label{thm:conform} \begin{tabular}{l} UNION1\$73,000.000.004\%0\$0.00NA0\$0.00N$

UNION3\$335,487.860.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$237,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK AND TRUST

COMPANY3\$241,700.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FEDERAL BANK5\$517,847.490.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION13\$1,592,611.590.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK2\$248,800.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK6\$630,500.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$36,400.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERRA CREDIT UNION1\$65,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$34,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

 $\label{thm:contour} \begin{tabular}{ll} UNION10\$638,614.580.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB2\$205,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION2\$79,224.250.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK, \end{tabular}$

FSB4\$327,566.660.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable265\$23,792,321.6114.45%0 NATIONAL BANK2\$148,525.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$415,000.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$417,000.002.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

RICO1\$83,800.940.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK5\$391,450.001.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$52,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$61,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL ASSOCIATION2\$182,650.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

 $FUNDING1\$216,600.001.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE\\ SAVINGS BANK1\$100,000.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE\\ BANK1\$140,825.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT\\ UNION1\$215,000.001.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS\\ FEDERAL CREDIT$

UNION2\$242,479.581.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY2\$570,000.002.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAD DURANT BANK AND TRUST

COMPANY2\$335,300.001.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL

ASSOCIATION1\$408,115.752.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$70,003.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMINGTON BANK2\$274,536.521.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$346,000.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT

 $UNION1\$81,000.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK4\$655,900.003.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS\\ BANK1\$85,000.000.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK15\$2,343,744.4911.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS,\\ LLC1\$340,250.001.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK,\\ FSA1\$60,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN\\ BANK1\$100,000.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT\\ UNION1\$162,168.910.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN$

MORTGAGE COMPANY

 $INC2\$318,000.001.59\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME\\ BANK1\$80,000.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER,\\ INC4\$453,000.002.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE\\ BANK1\$196,000.000.98\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INSIGHT CREDIT\\ UNION1\$71,500.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK\\ OF COMMERCE1$264,133.301.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B.\\ NUTTER AND$

COMPANY1\$72,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION2\$322,000.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$170,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$375,000.001.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C1\$71,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$185,000.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$98,250.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO,

LLC1\$56,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL, INC1\$265,000.001.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$74,400.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$200,000.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$115,957.810.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST2\$176,362.410.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$93,600.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$250,000.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$320,000.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN WEST MORTGAGE COMPANY

 $INC1\$270,750.001.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC\\ MORTGAGE1\$109,700.000.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK \& TRUST2\$241,000.001.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS\\ BANKING COMPANY2\$104,000.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE\\ NATIONAL BANK OF$

INDIANAPOLIS1\$50,000.000.25%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA

COMPANY1\$50,400.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$87,500.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$501,500.002.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC1\$312,000.001.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VERMONT FEDERAL CREDIT UNION1\$200,000.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP1\$56,400.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$4,285,981.1921.48%0 STATE CREDIT

UNION1\$153,500.004.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT

CORPORATION1\$218,000.006.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL

CREDIT UNION3\$687,700.0019.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$281,250.007.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE,

LLC1\$97,204.002.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$94,000.002.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

 $UNION1\$141,\!200.003.94\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT \\$

UNION6\$1,465,650.0040.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$3,583,049.23100%0\$** 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$244,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST MIDAMERICA CREDIT UNION1\$85,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF

WASHINGTON1\$201,000.000.23%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$351,800.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE\\ BANK1\$149,400.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL\\ CREDIT UNION1\$256,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED\\ MORTGAGE GROUP, \end{tabular}$

INC2\$558,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$152,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE LARIBA1\$163,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC4\$928,400.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$127,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$154,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT

UNION9\$1,958,233.452.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA3\$573,586.670.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO3\$708,982.010.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$148,036.400.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$213,100.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK2\$545,300.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$255,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$221,800.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING5\$1,241,150.001.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE, LLC1\$111,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC4\$1,109,200.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CBC FEDERAL CREDIT UNION1\$268,186.850.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK OF PROVO1\$131,900.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$66,300.130.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$243,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK1\$198,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE

LAUDERDALE1\$158,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$373,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE, INC2\$534,700.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION2\$522,200.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVENTRY CREDIT UNION1\$337,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC5\$931,757.231.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION1\$95,767.880.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$566,375.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$232,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE3\$583,500.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$233,359.040.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK DBA FIRST BANK

MORTGAGE1\$275,700.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC2\$241,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$183,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST3\$700,400.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD1\$129,350.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$378,950.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION5\$556,075.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C5\$803,800.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NEW ENGLAND FEDERAL CREDIT

 $\label{thm:constraint} UNION1\$249,000.000.28\%0\$0.00NA0\$0.00N$

UNION1\$263,628.020.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK2\$210,900.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK6\$1,458,180.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE SERVICES3\$595,144.560.68%0\$0.00NA0\$0.

 $\label{thm:constraint} \begin{tabular}{ll} UNION3$573,850.000.65\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA GUILD MORTGAGE COMPANY 12$2,970,750.003.38\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA HEARTLAND BANK 1$182,200.000.21\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA HOME POINT FINANCIAL \\ \end{tabular}$

CORPORATION1\$228,100.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$265,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK4\$1,345,251.001.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$85,500.000.1%0\$0.00NA0\$

UNION1\$259,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$111,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT

UNION5\$1,078,300.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK5\$869,304.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INSIGHT CREDIT UNION1\$161,250.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC2\$743,200.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

B. NUTTER AND

COMPANY3\$380,300.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN SCHOOLS FEDERAL CREDIT

UNION2\$493,900.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST2\$520,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$324,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION6\$1,371,200.001.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$181,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$329,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$326,100.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE,

LLC1\$140,390.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK MORTGAGE COMPANY, INC2\$408,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$219,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT UNION1\$185,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST LOAN SERVICES INC1\$192,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

UNION1\$295,900.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC7\$1,047,100.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

 $N.A1\$296,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORTHERN \ OHIOINVESTMENT$

COMPANY8\$1,363,451.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION3\$929,650.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY2\$338,398.680.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA OCEANFIRST BANK1\$268,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK2\$286,600.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0

UNION1\$346,100.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$321,600.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$258,100.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$699,625.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION20\$4,749,618.005.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC9\$1,858,227.712.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$201,300.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK12\$1,981,440.832.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$154,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK2\$519,000.000.59% CREDIT UNION1\$170,764.410.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$257,300.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$196,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLIDARITY COMMUNITY FEDERAL CREDIT

UNION1\$69,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH CAROLINA FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$104,700.000.12\%0\$0.00NA0\$0.$

UNION1\$203,200.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE CORPORATION9\$1,501,040.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$267,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE CORPORATION1\$211,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN

UTAH2\$748,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC3\$579,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$492,765.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$229,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

$$\label{lem:mexico1} \begin{split} \text{MEXICO1}\$174,&419.000.2\%0\$0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0$$

INC1\$217,975.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT UNION2\$197,700.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION4\$1,110,950.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL B&T OF

SYCAMORE1\$283,784.590.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$114,700.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION1\$251,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA TOWNE MORTGAGE

COMPANY1\$222,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$110,650.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$286,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$488,200.000.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS \\ BANK1\$184,500.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA \\ BANK17\$4,194,400.004.77\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST3\$366,400.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE CORPORATION1\$199,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY, \end{tabular}$

LLC1\$186,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$229,100.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$195,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC5\$1,004,700.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION2\$296,828.180.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP1\$210,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

UNION1\$284,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$127,600.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable76\$18,335,561.8020.832 Under Company of New Jersey,

INC1\$282,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST MIDAMERICA CREDIT UNION1\$100,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$224,190.690.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC2\$520,900.000.57\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO7\$852,184.520.93\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIANA BANK1\$110,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, \end{tabular}$

INC6\$1,630,780.001.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION1\$127,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICASH1\$310,200.000.34% MORTGAGE

CORPORATION2\$296,650.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT

UNION11\$2,006,417.002.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA3\$420,100.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$232,500.000.25%0\$0.000 FINANCIAL GROUP INC1\$360,166.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$316,900.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKFINANCIAL FSB1\$178,100.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$461,793.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING7\$1,666,197.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

 $PARTNERSHIP1\$223,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC3\$904,000.000.98\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE\\ COMPANY2\$212,200.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL\\ BANK1\$121,647.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE,\\ INC8\$1,949,750.002.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,\\ INC3\$807,000.000.88\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS\\ FA5\$1,296,907.611.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT\\ UNION1\$250,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST\\ CREDIT UNION OF$

FLORIDA2\$588,336.400.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CONSUMERS COOPERATIVE CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION2\$350,300.000.38\%0\$0.00NA0\0

INC2\$331,348.430.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST1\$209,200.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION2\$400,248.370.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY3\$737,600.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$228,725.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$432,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

 $\label{lem:mortgages} MORTGAGE3\$776,400.000.85\%0\$0.00NA0\0.0

MORTGAGE1\$229,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC4\$675,298.060.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$148,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$154,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

MINNESOTA BANK2\$384,123.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $L.L.C3\$464,900.000.51\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE \\ CORPORATION1\$439,000.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE \\ BANK7\$1,610,935.481.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK \\ MORTGAGE COMPANY,$

LLC2\$349,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$86,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLORIDA CREDIT UNION1\$138,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK7\$1,740,258.001.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION2\$606,500.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$150,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES,

INC2\$165,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRANITE STATE CREDIT UNION1\$257,636.480.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION1\$146,250.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE SERVICES2\$372,600.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

UNION7\$1,134,300.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY10\$2,673,365.062.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HIWAY FEDERAL CREDIT

UNION2\$557,300.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$94,700.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK10\$2,344,783.002.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$112,850.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION5\$678,900.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK1\$89,325.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC3\$963,875.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND

COMPANY1\$216,050.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN SCHOOLS FEDERAL CREDIT UNION1\$278,600.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$194,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY

INC2\$494,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES, INC1\$308,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$137,097.720.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

 $BANK1\$207,\!500.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL$

ASSOCIATION1\$137,610.150.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS

BANK1\$200,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$208,300.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA2\$455,501.560.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$163,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID MINNESOTA FEDERAL CREDIT

UNION1\$246,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT UNION1\$202,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST

COMMUNITY BANK1\$357,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST LOAN SERVICES INC2\$401,480.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

UNION1\$353,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC7\$1,074,820.001.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION1\$252,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA FEDERAL CREDIT

UNION2\$364,600.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$101,800.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA BANK1\$128,350.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY4\$581,475.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION3\$1,000,009.421.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT UNION1\$123,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$77,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK2\$403,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ON Q FINANCIAL, INC1\$172,400.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ONE NEVADA CREDIT

UNION1\$278,250.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT UNION1\$104,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$447,477.580.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION11\$2,668,850.002.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE,

INC11\$2,179,355.842.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION2\$379,700.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE,

INC1\$234,600.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS

 $BANK14\$2,\!663,\!200.572.9\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NARIVERMARKCOMMUNITYCREDIT$

UNION1\$323,750.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK2\$366,300.000.4% NATIONAL

MORTGAGE2\$530,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION1\$114,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK2\$448,500.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

 $CORPORATION5\$672,450.000.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS\\ BANK1\$236,500.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND\\ TRUST COMPANY1\$214,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD\\ MORTGAGE$

CORPORATION 1\$182,800.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$357,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$136,700.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC6\$1,840,000.002%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK4\$811,000.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$214,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN AMERICAN MORTGAGE

COMPANY2\$493,900.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT

UNION2\$310,200.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION2\$512,600.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MORTGAGE HOUSE,

INC1\$328,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$182,200.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY2\$351,600.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$135,085.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$210,400.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

UNION1\$246,900.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK14\$2,732,300.002.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE CORPORATION1\$227,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC3\$734,050.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY

BANK1\$322,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$210,300.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VIRGINIA CREDIT UNION, INC1\$190,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP2\$535,255.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC2\$542,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$151,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$221,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable91\$21,780,426.1223.72 NATIONAL BANK3\$662,950.002.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM2\$654,455.002.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION2\$370,993.711.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY33\$8,332,780.0029.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION10\$2,286,020.008.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY3\$802,750.002.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY9\$2,527,996.009.05%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

OMAHA6\$1,463,231.005.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC18\$5,042,190.5518.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK1\$256,500.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE BANK1\$356,250.001.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE.

INC1\$187,759.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE,

LLP1\$257,223.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$4,733,008.5716.95%0\$ INTERNET MORTGAGE, INC DBA

AIMLOAN.COM6\$1,689,500.0011.02%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION10\$3,222,950.0021.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE COMPANY1\$206,800.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$219,375.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC6\$1,565,500.0010.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$8,428,082.5054.97% NATIONAL BANK5\$811,480.007.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$165,000.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION5\$799,800.006.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE COMPANY1\$151,632.001.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION12\$1,944,577.0016.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC2\$321,023.692.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE COMPANY4\$642,884.005.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

NATIONAL BANK OF

OMAHA10\$1,585,083.0013.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC5\$805,920.746.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC1\$173,454.001.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$4,159,349.6235.98%0\$0 NATIONAL BANK4\$767,150.002.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$417,000.001.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION5\$1,138,486.684.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY13\$3,130,965.0011.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION13\$3,495,566.2012.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC1\$127,662.250.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY2\$484,935.271.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY7\$1,647,180.006.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

OMAHA4\$866,725.003.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM,

INC12\$2,372,933.638.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK1\$225,\!000.000.83\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA\ MORTGAGE,$

INC1\$314,361.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable46\$12,053,936.3844.57%0 MORTGAGE COMPANY1\$394,250.004.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION 6\$1,465,166.0016.15%0\$0.00NA0%0.00NA0%0.

COMPANY2\$482,131.005.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA3\$705,725.007.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC5\$1,451,078.4116%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC3\$1,451,078.4116%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,
INC1\$291,872.003.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,281,231.5647.19%0\$

INTERNET MORTGAGE, INC DBA

AIMLOAN.COM4\$635,500.0014.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION1\$228,684.505.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY5\$683,575.0015.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL ASSOCIATION3\$503,601.7811.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY1\$217,000.004.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE

BANK1\$254,541.425.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,940,736.2243.49%0\$0.00NAU\$0.00NAU\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN

INTERNET MORTGAGE, INC DBA

AIMLOAN.COM7\$1,800,061.157.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION12\$2,847,300.0011.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION 2\$577, 250.002.32%0\$0.00 NA0\$0.00 NA0\$0.00

COMPANY11\$3,148,750.0012.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC7\$1,476,389.005.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC2\$591,239.002.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable49\$13,898,493.9455.81%0 INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$54,000.003.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION5\$838,000.0060.03%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

ASSOCIATION2\$314,000.0022.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$190,000.002ND MORTGAGE COMPANY OF NEW JERSEY,

 $INC2\$742,000.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 360 \ MORTGAGE \ GROUP, LLC5\$1,343,500.000.87\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACHIEVA CREDIT UNION1\$113,653.650.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC2\$391,100.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,$

INC2\$341,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK, F.S.B1\$207,558.670.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA3\$611,050.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC3\$1,040,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$260,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK1\$145,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$198,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

 $UNION3\$839,\!485.980.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN$

FUNDING7\$1,678,950.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LLC8\$2,083,100.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC21\$5,573,000.003.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC4\$1,092,585.930.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$188,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$166,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$101,662.880.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC23\$5,669,700.003.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC5\$1,387,100.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT

UNION2\$474,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$188,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION MORTGAGE SERVICES,

INC2\$285,851.530.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CROWN MORTGAGE COMPANY1\$193,854.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE13\$3,155,100.002.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY2\$465,146.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA E-CENTRAL CREDIT UNION1\$283,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE24\$6,564,275.004.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$120,700.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$298,801.960.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CHOICE BANK1\$225,700.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY MORTGAGE,

INC1\$230,175.440.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$191,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION2\$212,930.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $\label{local-loc$

ASSOCIATION2\$455,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$324,990.600.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$167,400.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$236,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$129,200.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY20\$4,679,899.153.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER

INC3\$762,750.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL CORPORATION1\$210,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK24\$6,436,453.004.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK3\$344,100.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC3\$803,834.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$401,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$332,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION2\$361,860.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION5\$1,554,885.001%0\$0.00NA0

CORPORATION 1\$295,000.000.19%0\$0.00NA0%0.00NA0%0.00N

LLC2\$589,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION3\$828,900.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR

MORTGAGE,

LLC1\$204,511.120.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY24\$4,890,400.003.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEVADA FEDERAL FINANCIAL

CORPORATION1\$143,706.170.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHEAST BANK, FSB1\$160,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

 $\label{lem:company} $$1,102,466.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK5\$780,900.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ON Q FINANCIAL, INC6\$1,660,650.001.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ONE WASHINGTON$

FINANCIAL2\$348,250.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$264,575.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION45\$11,586,926.007.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES.

INC1\$185,470.650.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$181,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK,

N.A10\$2,485,700.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE,

INC1\$324,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC4\$907,021.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION3\$862,600.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK17\$2,814,111.571.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKLAND TRUST COMPANY1\$238,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$341,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$198,057.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE MORTGAGE COMPANY,

 $LLC3\$840,\!400.000.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL$

CORPORATION3\$573,020.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION3\$792,100.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION2\$207,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK2\$431,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC16\$4,040,990.002.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO10\$2,563,700.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST3\$519,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY3\$552,653.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$101,700.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$281,060.530.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$99,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE CORPORATION1\$211,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

 $LLC8\$1,\!548,\!000.001\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL\ AMERICAN\ MORTGAGE\ COMPANY,$

LLC1\$193,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK2\$316,042.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION1\$167,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VERITY CREDIT UNION1\$181,500.000.12%0\$0.00NA0\$0.0

CORP1\$354,400.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC23\$5,838,590.003.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION3\$718,800.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP7\$1,649,400.001.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable176\$44,674,891.6428.2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$119,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB1\$160,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION1\$185,200.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK\ TRUST\ COMPANY\ THE 1\$207,200.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ ALASKA\ USA\ FEDERAL\ CREDIT \end{tabular}$

UNION4\$820,000.001.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL1\$138,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO5\$431,544.600.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION4\$439,885.930.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$53,637.170.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION3\$426,724.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$130,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., INC1\$306,500.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS1\$45,000.000.09%0\$0.00NA0

UNION2\$483,360.630.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS1\$115,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$260,800.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION2\$300,550.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT UNION1\$82,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION2\$323,490.420.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL2\$310,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$287,600.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD4\$699,817.001.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK IOWA1\$77,000.000 MUTUAL SAVINGS

BANK1\$128,300.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION7\$1,905,250.003.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION1\$324,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT UNION1\$384,000.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$212,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK2\$203,420.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$160,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CREDIT UNION1\$149,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$305,000.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK2\$285,500.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CATLIN BANK1\$242,250.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY2\$246,400.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT UNION1\$150,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$296,000.000.59\%0\$0.00NA0\$0.$

UNION1\$280,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$161,100.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$154,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION3\$419,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$100,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND SECURITY BANK1\$200,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$45,200.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK1\$75,276.250.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY2\$201,340.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constant} \begin{tabular}{l} UNION2\$130,900.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$262,500.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION7\$682,275.001.36\%0\$0.00NA0\0.00

 $\label{thm:constraint} $$UNION1\$260,000.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST$$BANK1\$100,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF SC2\$250,800.000.5\%0\$0.00NA0\$0.00N$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$229,650.000.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK1\$162,000.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$384,500.000.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE COMMUNITY \\ \end{tabular}$

BANK1\$120,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA1\$395,000.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

CARMI1\$90,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF HARTFORD1\$155,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

WATERLOO1\$79,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$178,191.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$349,000.000.69\%0\$0.00NA0\0

ASSOCIATION9\$1,711,111.003.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION1\$82,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$348,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS

BANK1\$236,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGIA'S OWN CREDIT UNION1\$115,950.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION2\$345,800.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION2\$222,100.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

UNION1\$200,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION2\$248,600.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAMPDEN BANK1\$100,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$78,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAWTHORN BANK2\$271,684.470.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERSHEY STATE BANK1\$153,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST, FSB1\$73,241.210.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$79,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$171,427.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$211,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$341,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

 $\label{thm:condition} UNION3\$219,800.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$57,740.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISLAND FEDERAL CREDIT UNION1\$212,000.000.42\%0\$0.00NA0\$0.$

UNION5\$442,600.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$417,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A5\$1,064,000.002.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEOMINSTER CREDIT UNION1\$177,972.550.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$238,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$192,032.370.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARSHALL COMMUNITY CREDIT

UNION1\$144,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MECHANICS SAVINGS BANK1\$269,600.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$43,379.720.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY

 $INC1\$277,000.000.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE\\ BANK2\$111,541.040.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY\\ SAVINGS BANK2\$390,200.000.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO\\ CREDIT UNION3\$498,621.480.99\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND\\ STATES BANK1\$74,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE\\ BANK2\$205,000.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK,\\ THE1\$50,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL SAVINGS\\ ASSOCIATION$

FSA1\$242,250.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$172,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC2\$311,200.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW MEXICO EDUCATORS FEDERAL CREDIT

UNION1\$103,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT UNION1\$80,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

 $BANK1\$413,400.000.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ OLD \ FORT \ BANKING \ COMPANY1\$200,000.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ PEOPLES \ TRUST \ COMPANY \ OF \ ST.$

ALBANS1\$140,000.000.28%0\$0.00NA0%0.00NA0%0.0

BANK3\$452,600.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$104,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEBANK1\$130,000.000.26%0 FEDERAL SAVINGS

BANK1\$130,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAQ

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$113,\!575.000.23\%0\$0.00NA0\0

CORPORATION5\$1,373,402.002.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION10\$1,313,208.642.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY2\$187,617.030.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$60,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEASONS FEDERAL CREDIT

UNION2\$385,500.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

DAKOTA1\$73,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE1\$525,500.001.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN COMMERCIAL BANK1\$85,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. PAUL POSTAL EMPLOYEES CREDIT

 $\label{thm:company:bound} \begin{tabular}{l} UNION1\$76,000.000.15\%0\$0.00NA0\$$

CORPORATION4\$693,700.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC1\$223,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$67,808.850.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$72,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN WEST MORTGAGE COMPANY INC1\$157,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION2\$173,793.630.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUTTON BANK1\$113,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION1\$200,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$159,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FARMERS STATE BANK AND TRUST

COMPANY1\$72,800.000.14%0\$0.00NA0\$0.0

BANK1\$117,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION1\$140,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

UNION3\$489,828.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$98,700.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANK

OF QUINCY1\$194,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$417,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRISTAR BANK1\$114,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION2\$444,200.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS BANK1\$100,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST

COMPANY2\$245,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY

BANK1\$48,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION1\$118,200.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO3\$421,000.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$77,781.300.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION3\$737,584.401.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION3\$737,584.401.47%0\$0.00NA

UNION1\$133,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable60\$8,442,667.4916.73° MIDAMERICA CREDIT

UNION1\$33,250.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB3\$475,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION1\$175,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL2\$233,200.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO2\$262,433.450.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$371,950.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION 4\$438,608.540.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS1\$291,335.000.52%0\$0.00NA

UNION2\$474,944.910.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, TERRELL1\$133,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$108,698.620.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB9\$1,469,573.002.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION4\$617,220.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT

UNION1\$86,295.150.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION1\$110,000.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

RICO1\$107,656.680.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK

MUTUAL3\$564,543.231.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF

STANLY2\$266,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$33,500.000.06%0 FEDERAL CREDIT

UNION6\$1,548,000.002.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY

 $BANK3\$427,\!500.000.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS$

BANK2\$484,500.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$62,100.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC2\$590,000.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LLC1\$251,370.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT UNION1\$66,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0

COMPANY2\$244,507.250.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$66,500.000 FEDERAL CREDIT

UNION2\$184,700.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHARLES RIVER BANK1\$331,875.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT UNION1\$215,050.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS 1ST BANK1\$102,393.390.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY STATE BANK1\$131,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$220,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$196,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO2\$544,330.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND SECURITY BANK1\$220,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$291,500.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE \\ \end{tabular}$

 $MORTGAGE1\$380,000.000.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY2\$278,400.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION3\$272,900.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$211,210.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$180,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION4\$462,100.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$120,700.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$392,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK2\$308,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$410,000.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK1\$615,000.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK RICHMOND, NA1\$46,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$311,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMONWEALTH FEDERAL CREDIT

 $\label{thm:community} \begin{tabular}{l} UNION1\$180,000.0000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION3\$624,800.001.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE \\ \end{tabular}$

 $\label{eq:midwest2} \begin{tabular}{ll} MIDWEST2\$380,000.000.68\%0\$0.00NA0\$0.$

LAKEWOOD1\$205,634.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF CHAMPAIGN

 $\label{thm:condition} \begin{tabular}{l} URBANA1\$145,000.000.26\%0\$0.00NA0\$0.$

CORPORATION 4\$468,000.000.83%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

MORTGAGE COMPANY,

L.L.C1\$128,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF WATERLOO1\$60,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK OF ILLINOIS2\$160,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3$582,550.001.04\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA FIRST UNITED BANK & TRUST1$104,200.000.19\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA FIRSTBANK PUERTO RICO1$64,800.000.12\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA FIRSTRUST SAVINGS BANK2$405,000.000.72\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA FRANDSEN BANK & TRUST1$120,000.000.21\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA FULTON BANK, NATIONAL$

ASSOCIATION8\$1,224,700.002.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$165,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

UNION2\$423,152.890.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST, FSB1\$110,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK2\$252,500.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO1\$51,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMETOWN BANK1\$132,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$150,100.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT UNION4\$447,150.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK1\$78,381.840.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION2\$367,794.860.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JMAC LENDING INC1\$393,392.470.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$297,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION3\$258,800.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL CREDIT

UNION1\$368,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$399,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE

BANK1\$204,600.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$350,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$119,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

BANK1\$242,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$105,266.140.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION4\$1,163,200.002.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC2\$388,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$152,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK1\$155,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK2\$278,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE1\$170,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION3\$384,800.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC2\$201,700.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$112,100.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION1\$240,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST1\$95,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA BANK1\$96,300.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK1\$312,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$59,900.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE COMPANY2\$186,900.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

UNION1\$91,900.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAPER CITY SAVINGS ASSOCIATION1\$179,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$328,646.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION1\$106,197.200.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION1\$114,400.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

BANK3\$300,586.880.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION1\$115,000.000.21%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$320,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST2\$176,258.920.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT

UNION1\$241,250.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEBANK1\$115,000.000.21% FEDERAL SAVINGS

 $BANK1\$108,694.280.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE\\ BANK1\$182,000.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUORUM FEDERAL\\ CREDIT$

UNION1\$183,975.300.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKSFEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$337,760.000.6\%0\$0.00NA0\$0.$

UNION1\$134,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION4\$1,053,000.001.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION8\$664,348.251.18%0\$0.00NA0\$0.

 $\label{thm:constant} \begin{tabular}{l} UNION1\$380,800.000.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHELL FEDERAL CREDIT UNION1\$203,850.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIR FEDERAL CREDIT UNION1\$257,700.000.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN BANK & TRUST COMPANY1\$115,000.000.21\%0\$0.00NA0$

UNION1\$128,400.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION2\$347,500.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC1\$295,050.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL

CREDIT UNION1\$385,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$100,700.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC3\$534,000.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUFFOLK COUNTY NATIONAL BANK1\$250,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

 $\label{thm:condition} UNION1\$93,500.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT \\ UNION1\$175,750.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA \\ CREDIT UNION1\$375,000.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT \\ FEDERAL CREDIT UNION1\$119,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE \\ TRADERS NATIONAL$

BANK1\$192,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$224,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

 $\begin{tabular}{l} UNION2$640,900.001.14\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA TRAVIS CREDIT UNION1$291,377.000.52\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA UMPQUA BANK1$221,000.000.39\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA UNITED BANK & TRUST1$76,800.000.14\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA UNITED BANK AND TRUST COMPANY1$242,720.000.43\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA UNITED BANK OF UNION1$209,000.000.37\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA$

BANK3\$285,518.500.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$245,000.000.44\%0\$0.00NA0\0

UNION1\$150,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$100,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$200,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION6\$843,246.461.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERN CREDIT UNION,

INC1\$92,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$11,098,528.7319.81%0\$2ND MORTGAGE COMPANY OF NEW JERSEY,

INC3\$840,466.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT UNION1\$165,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL1\$65,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP,

 $INC4\$808,650.001.61\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPENA ALCONA AREA CREDIT UNION2\$304,700.000.61\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO3\$392,450.000.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$240,100.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT <math display="block"> \frac{1}{1000} \frac{1}$

UNION5\$834,179.551.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE LARIBA1\$137,600.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION2\$425,784.490.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB3\$353,932.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT UNION1\$108,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK,

NA6\$706,260.691.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK2\$259,000.000.52%0\$

FINANCIAL GROUP

INC1\$79,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$155,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$166,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICAN FORK1\$228,800.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$282,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY1\$144,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WASHINGTON1\$94,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$488,700.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$168,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION4\$921,000.001.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$130,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION2\$376,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING2\$448,900.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC2\$423,500.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY3\$306,500.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$160,425.00 BANK7\$1,011,775.002.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION1\$125,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION2\$330,350.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

 $FLORIDA2\$487,600.000.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE\\ MORTGAGE INC1\$125,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT\\ SCHOOLS FEDERAL CREDIT$

 $\label{thm:community} \begin{tabular}{ll} UNION2\$302,414.050.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAD$ DHCU COMMUNITY CREDIT UNION2\$137,400.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAD$ DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE \\ \end{tabular}$

MORTGAGE1\$244,804.890.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY3\$472,850.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$120,560.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION2\$314,650.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT UNION1\$111,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

UNION1\$196,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING2\$114,900.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CENTURY BANK, INC1\$211,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC5\$722,800.001.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA2\$342,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$126,500.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK 1\$91,700.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO1\$127,900.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE \\ \end{tabular}$

 $\label{thm:midwest9} MIDWEST9\$1,300,772.172.59\%0\$0.00NA0\0.0

CORPORATION9\$1,304,250.002.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$319,588.760.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF WATERLOO1\$100,800.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK9\$1,765,040.303.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION2\$481,600.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION7\$1,484,613.692.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC1\$347,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$91,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$244,500.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$278,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

OHIO1\$135,828.110.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOR BANK1\$129,900.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

 $\label{thm:condition} UNION1\$219,278.670.44\%0\$0.00NA$

UNION1\$208,461.830.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK1\$325,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION1\$216,742.980.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION1\$141,400.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$137,100.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK4\$647,300.001.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$114,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAINSTREET CREDIT UNION1\$241,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK2\$360,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$171,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY

 $INC2\$301,700.000.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE \\ BANK1\$60,289.910.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, \\ NATIONAL$

ASSOCIATION 2\$356,400.000.71%0\$0.00NA0\$0.00N

UNION1\$227,248.450.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK2\$326,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK1\$98,700.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION1\$271,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$146,700.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK2\$420,500.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$45,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA BANK1\$68,677.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$162,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY8\$1,021,000.272.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMARK CREDIT UNION2\$410,800.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$88,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

UNION2\$233,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATHWAYS FINANCIAL CREDIT UNION,

INC1\$195,243.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

 $\label{thm:corporation:signature} CORPORATION1\$213,000.000.42\%0\$0.00NA0\0.00

BANK1\$180,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$81,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK1\$146,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$100,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION1\$43,170.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$285,400.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$54,743.630.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$328,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK1\$236,900.000.47% MORTGAGE SERVICING

 $\label{thm:corporation:corporation:corporation:so$

TEXAS1\$317,700.000.63%0\$0.00NA0\$0.00

 $UNION1\$373,\!800.000.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTANDARD BANKAND TRUST$

COMPANY1\$81,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$107,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN UTAH1\$77,700.000.15%0\$0.00NA0\$0.00

UNION4\$668,923.891.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT UNION2\$262,600.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$190,750.490.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$232,875.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THREE RIVERS FEDERAL CREDIT

UNION1\$157,900.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION2\$556,567.711.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE

COMPANY1\$222,500.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS BANK1\$224,440.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST7\$937,770.001.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF UNION1\$278,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK3\$352,038.850.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC2\$194,400.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY BANK1\$155,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF

WISCONSIN CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$370,300.000.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$170,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VENTURE BANK1\$211,200.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY1\$148,123.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT \\ \end{tabular}$

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$546,300.001.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT \\ UNION10\$1,516,639.603.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM \\ EDUCATIONAL CREDIT \end{tabular}$

UNION1\$163,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION3\$606,442.551.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$4,745,344.779.5%0 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC2\$424,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB1\$177,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

 $\label{thm:constraint} UNION1\$110,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ ADVANTAGE \\ BANK1\$227,589.090.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ ALLIED \ MORTGAGE \\ GROUP, INC1\$202,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ ALLSOUTH \\ FEDERAL CREDIT$

UNION1\$113,800.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO8\$834,252.791.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$129,700.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$110,650.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION3\$488,547.990.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$198,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION1\$156,982.680.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION1\$223,038.450.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRSTFINANCIAL

CORPORATION1\$93,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB6\$1,382,900.002.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANDREWS FEDERAL CREDIT

UNION1\$280,935.280.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCHEMPLOYEES CREDIT

UNION1\$187,250.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA14\$2,037,002.743.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$143,596.240.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION1\$320,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$276,447.700.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$95,100.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL5\$599,550.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$653,700.001.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION3\$734,000.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING2\$612,300.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT UNION1\$174,250.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMMUNITY CREDIT

 $\label{thm:condition:con$

COMPANY4\$750,307.831.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS BANK1\$177,729.600.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} UNION1\$91,500.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE\\ BANK2\$322,259.220.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT\\ UNION1\$84,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE,\\ INC2\$405,350.000.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL\\ CREDIT UNION2\$290,721.490.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA\\ CREDIT UNION1\$129,350.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY\\ MORTGAGE FUNDING,$

LLC1\$192,890.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK OF ROCK

FALLS2\$204,162.340.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION2\$335,950.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$157,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

 $INC1\$115,\!650.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA$ DESERT SCHOOLS FEDERAL CREDIT

UNION1\$310,479.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$85,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE2\$454,\!300.000.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST$

COMPANY2\$486,503.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$261,000.000.45%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

COMPANY1\$73,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU1\$180,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION1\$116,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION3\$439,882.640.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE

COMPANY1\$133,700.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$382,550.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FALL RIVER FIVE CENTS SAVINGS BANK DBA

BANKFIVE1\$167,902.890.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAMILY FIRST OF NY FEDERAL CREDIT

UNION1\$71,374.230.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT BANK1\$208,389.080.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

UNION1\$86,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC8\$984,100.001.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO2\$142,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK

OF THE MIDWEST4\$371,200.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD1\$237,400.000.41%0\$0.00NA0\$0

CORPORATION12\$1,743,950.002.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY.

L.L.C1\$194,930.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST COMPANY2\$179,700.000.31%0\$0.00NA0\$0.00

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$130,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT \\ UNION1\$110,758.470.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE \\ BANK1\$238,800.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT \\ BANK1\$136,770.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL \\ \end{tabular}$

ASSOCIATION5\$881,900.001.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$190,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU3\$698,086.001.199 FINANCIAL SERVICES.

INC1\$172,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION1\$133,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$88,900.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

 $\label{thm:credit} UNION1\$77,282.700.13\%0\$0.00NA0\$0.$

INC2\$206,650.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$199,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK4\$516,200.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC1\$238,750.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO3\$400,217.740.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMETOWN BANK1\$49,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$160,900.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$254,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOR BANK1\$170,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION1\$165,057.210.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$337,300.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$37,400.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$246,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION2\$350,400.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$270,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION1\$225,374.420.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KERN SCHOOLS FEDERAL CREDIT

UNION1\$124,300.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$141,150.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME

FINANCIAL SERVICES,

INC2\$435,950.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$333,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK2\$168,250.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK2\$327,536.140.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK1\$249,500.000.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS\\ BANK AND TRUST CO1\$89,800.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE\\ BANK1\$61,167.770.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT\\ UNION1\$120,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE\\ COMPANY INC1\$134,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS\\ BANK, NATIONAL$

ASSOCIATION4\$903,392.251.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC3\$419,900.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$303,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK2\$223,900.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE1\$250,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK1\$338,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC3\$420,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1\$117,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$153,750.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY4\$400,400.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT

UNION2\$487,955.170.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE COMPANY6\$766,879.091.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$74,800.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK1\$221,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$105,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND TRUST1\$67,299.950.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION5\$999,500.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION1\$240,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES TRUST COMPANY OF ST.

ALBANS1\$221,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC2\$302,117.800.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK1\$236,300.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF JACKSONVILLE1\$113,921.150.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$94,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAQUALSTAR CREDIT \\ UNION1\$157,900.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH SAVINGS \\ BANK1\$197,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS \\ FEDERAL CREDIT \end{tabular}$

 $UNION1\$83,\!450.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT$

 $UNION1\$136,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ ROEBLING \ SAVINGSAND$

LOAN1\$90,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK2\$369,000.000.63%0 MORTGAGE SERVICING

CORPORATION3\$614,500.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL

CREDIT UNION1\$201,932.210.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK1\$180,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY2\$495,000.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION2\$357,300.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$127,100.000.22%0\$0.00NA0\$0.00

PRAGUE1\$240,500.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$214,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC2\$503,000.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$141,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION4\$697,460.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION2\$173,788.100.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION1\$392,000.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT UNION1\$181,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION1\$65,450.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THREE RIVERS FEDERAL CREDIT

 $\begin{tabular}{ll} UNION1$72,000.000.12\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA TOWER FEDERAL CREDIT UNION3$692,000.001.18\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA TOWN & COUNTRY BANK OF \\ \end{tabular}$

 $\label{eq:comparison} QUINCY1\$91,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE\ CITY\\ STATE\ BANK3\$294,000.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\ BANK2\$232,500.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED\ BANK\ \&\\ TRUST4\$656,650.001.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ UNITED\ BANK\ OF\\ UNION1\$157,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ UNITUS\ COMMUNITY\\ CREDIT\ UNION1\$203,950.870.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ UNIVERSAL\\ AMERICAN\ MORTGAGE\ COMPANY,$

LLC2\$470,900.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION2\$233,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$212,400.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VIRGINIA CREDIT UNION, INC3\$397,350.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION4\$721,700.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION4\$775,450.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$171,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION3\$782,510.271.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB1\$180,950.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB1\$282,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$5,376,347.939.18%0\$0 FED BANK2\$260,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

SSB1\$133,840.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS BANK1\$111,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACHIEVA CREDIT UNION1\$135,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

TRUST COMPANY

THE2\$219,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT UNION1\$72,299.530.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$115,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION6\$634,780.760.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$32,683.800.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$127,706.490.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., INC1\$75,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC2\$189,800.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION1\$54,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, TERRELL1\$109,100.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS2\$207,650.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION3\$301,650.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$182,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$67,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$71,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC1\$122,050.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT UNION1\$84,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA60\$6,385,975.147.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION2\$235,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$120,00 FINANCIAL GROUP

INC1\$141,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO1\$93,743.710.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$104,782.960.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK6\$616,700.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$66,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL7\$701,859.520.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AKRON2\$250,900.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$86,870.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$115,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION1\$98,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$114,000.000.13%0\$ CREDIT UNION3\$299,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$120,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS

BANK1\$101,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK2\$200,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION2\$132,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION4\$402,907.700.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$130,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK2\$214,300.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE \ COD \ FIVE \ CENTS \ SAVINGS$

BANK1\$103,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$100,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC1\$145,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC7\$617,750.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY11\$1,061,482.191.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$179,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK2\$237,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$143,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT UNION2\$190,800.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHARLES RIVER BANK1\$135,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$48,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT UNION1\$94,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS 1ST BANK1\$119,087.980.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

 $\label{eq:mortgages} Mortgages $298,900.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS STATE BANK $1896,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK $18137,337.640.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC $1879,400.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION $3802,470.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, $1800.00NA0\$0.00NA$

INC2\$133,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

FLORIDA2\$227,475.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK1\$99,537.780.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$149,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION2\$187,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC2\$221,250.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$38,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DAKOTALAND FEDERAL CREDIT UNION1\$107,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT

UNION1\$122,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAD\$0.00

BANK1\$100,970.040.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE1\$144,500.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY5\$590,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION1\$85,100.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$119,250.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY8\$986,488.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU1\$142,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION1\$90,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION2\$265,425.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE

COMPANY1\$67,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$110,597.640.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION2\$242,100.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$74,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$418,456.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC3\$300,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$144,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION3\$324,300.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO1\$43,200.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE

 $\label{eq:midwest4} \mbox{MIDWEST4\$387,} 400.000.46\%0\$0.00NA0\%0.00NA0\%0.00NA$

 $LAKEWOOD2\$83,728.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\ FEDERAL\ SAVINGS\ BANK\ OF$

BOSTON2\$229,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC9\$1,000,200.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK6\$560,300.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION5\$556,550.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C1\$105,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST COMPANY1\$103,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

CARMI3\$212,699.000.25%0\$0.00NA0\$0.00

 $FCU1\$129,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK11\$1,192,232.001.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY\\ FEDERAL CREDIT$

UNION2\$188,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$66,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLORIDA CREDIT UNION1\$131,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$112,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK10\$1,175,183.711.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION9\$1,071,106.191.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS

BANK1\$120,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU1\$65,535.730.08%0\$0.00NA INC1\$110,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION3\$363,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRANITE STATE CREDIT UNION1\$142,610.110.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK7\$682,500.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

 $UNION4\$425,\!000.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT \\$

 $UNION3\$314,\!461.700.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY$

INC2\$264,650.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$102,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

NATIONAL BANK1\$70,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$84,100.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK9\$938,238.421.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$110,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC13\$1,573,900.001.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$129,400.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMETOWN BANK1\$130,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK

THE3\$345,900.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION1\$84,764.980.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION8\$804,034.340.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION2\$111,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK2\$144,765.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$137,618.420.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$75,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KIRTLAND FEDERAL CREDIT UNION2\$155,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} \begin{tabular}{l} UNION2\$145,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK \& TRUST1\$102,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$121,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL \\ \end{tabular}$

CORPORATION1\$145,250.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES,

INC1\$60,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$105,421.020.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK4\$276,519.210.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$137,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARSHALL COMMUNITY CREDIT

 $\label{thm:constraint} UNION1\$58,043.530.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT\\ UNION1\$83,100.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN,\\ L.L.C2\$218,800.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE\\ COMPANY INC1\$125,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS\\ BANK, NATIONAL$

ASSOCIATION1\$101,150.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION1\$130,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

 $INC2\$193,\!150.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MID-HUDSON \ VALLEY \ FEDERAL \ CREDIT$

 $\label{thm:company} \begin{tabular}{l} UNION1\$127,646.080.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES\\ BANK1\$107,500.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY\\ BANK1\$70,200.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO BANKING\\ COMPANY1\$77,200.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE\\ SOLUTIONS OF CO,\\ \end{tabular}$

LLC1\$82,900.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$103,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MWABANK1\$68,000.000.08%0\$ LLC9\$837,660.880.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST4\$410,950.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC2\$214,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW MEXICO EDUCATORS FEDERAL CREDIT

UNION3\$373,650.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWFIELD NATIONAL BANK1\$110,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK2\$207,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY2\$182,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY9\$787,940.440.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$87,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OHIO UNIVERSITY CREDIT

UNION1\$104,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY2\$203,300.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK1\$50,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION2\$171,920.360.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION4\$349,800.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES TRUST COMPANY OF ST.

ALBANS1\$123,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$102,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION5\$488,200.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC13\$1,223,583.961.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

UNION1\$73,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$140,732.920.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMARY CAPITAL ADVISORS, LC D/B/A PRIMARY CAPITAL

MORTGAGE

ADVISORS, LC D/B/A PRIMARY CAPITAL MORTGAGE1\$143,450.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEBANK1\$71,250.000.

CORPORATION 3\$313,100.000.37%0\$0.00 NA0\$0.00 N

UNION1\$82,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION2\$225,700.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUTNAM BANK1\$97,725.220.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH SAVINGS BANK1\$133,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$137,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RED CANOE CREDIT UNION1\$97,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION3\$245,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL BANK1\$120,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIDDELL NATIONAL BANK1\$74,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$102,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROBINS FINANCIAL CREDIT UNION3\$200,685.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION2\$197,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION6\$612,998.960.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK10\$969,150.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$49,859.810.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF

PUERTO RICO8\$773,880.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

 $\label{eq:dakota} DAKOTA3\$280,\!200.000.33\%0\$0.00NA0\%0.00NA0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%$

MORTGAGE2\$186,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION1\$84,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY3\$320,500.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$75,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$41,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK6\$584,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. PAUL POSTAL EMPLOYEES CREDIT

UNION1\$123,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES2\$203,200.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$119,677.400.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

 $\label{lem:company} {\tt COMPANY7\$648,650.000.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION3\$251,575.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$113,400.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$145,500.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS BANKING COMPANY2\$264,890.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$127,500.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT$

UNION3\$360,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TINKER FEDERAL CREDIT UNION2\$200,425.810.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TLC COMMUNITY CREDIT

UNION1\$120,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$65,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$120,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$279,900.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY1\$79,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK1\$59,659.480.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT

UNION6\$685,776.640.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC1\$112,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION1\$127,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO3\$301,400.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST

COMPANY1\$128,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION1\$100,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VIRGINIA CREDIT UNION, INC1\$128,000.000.15%0\$0.00NA0\$0.00

LLC1\$75,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION2\$175,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON TRUST BANK1\$141,600.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE

MORTGAGE CORP2\$199,850.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAYNE BANK2\$184,313.190.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION2\$196,850.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$134,072.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION3\$329,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$119,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION1\$112,200.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION3\$342,619.550.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB1\$88,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$115,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB2\$232,396.150.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable236\$23,875,018.8628.04% 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC3\$839,600.005.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$175,800.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$142,000.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA6\$1,057,489.406.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$266,400.001.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$317,400.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$107,532.010.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION1\$364,000.002.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$156,000.001.02%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

COMPANY1\$151,300.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION1\$72,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK2\$315,807.812.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$320,500.002.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$329,000.002.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{lem:union2} UNION2\$243,\!437.741.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADRAPER\ AND\ KRAMER\ MORTGAGE\ CORP.\ D/B/A\ 1ST\ ADVANTAGE$

MORTGAGE1\$191,000.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST2\$563,500.003.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC3\$786,700.005.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE CORPORATION2\$285,416.111.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK7\$1,039,700.006.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$149,000.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK1\$174,100.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC1\$115,200.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$142,500.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$396,700.002.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION2\$538,000.003.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$409,043.612.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$78,352.550.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA,

 $INC2\$345,500.002.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, \\ LLC3\$246,700.001.62\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT \\ UNION1\$257,950.001.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA \\ FEDERAL CREDIT \\ \\$

UNION1\$269,263.851.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION1\$245,700.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$146,599.210.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$196,000.001.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE1\$141,700.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$110,100.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

 $\label{lem:mexico1} \begin{tabular}{ll} MEXICO1\$310,700.002.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\0.0

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$62,000.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\ BANK1\$200,000.001.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED MORTGAGE\\ CORPORATION1\$220,050.001.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED\\ SHORE FINANCIAL SERVICES, \end{tabular}$

LLC1\$140,400.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$264,317.231.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$252,000.001.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,573,624.3010.3%0\$0.2ND MORTGAGE COMPANY OF NEW JERSEY, INC1\$385,700.003.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL

INC1\$385,700.003.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, TERRELL1\$160,900.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANDREWS FEDERAL CREDIT

UNION1\$400,848.773.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$251,000.002.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$256,300.002.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CASHCALL, INC2\$412,900.003.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$180,000.001.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA2\$347,449.832.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE BANK1\$179,000.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$100,500.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MINNESOTA BANK1\$137,000.001.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK3\$383,500.003.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$273,900.002.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC1\$198,100.001.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC3\$643,500.005.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK1\$150,250.001.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$168,100.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK2\$269,590.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$245,000.002.08%0\$0.00NA0\$0.00

COMPANY1\$195,150.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES, INC1\$82,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

AMERICA MORTGAGE,

INC1\$123,000.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$161,000.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC4\$461,550.003.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$82,725.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION2\$527,800.004.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK3\$517,947.074.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$169,555.621.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE MORTGAGE COMPANY,

LLC1\$183,883.651.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$140,150.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT UNION3\$305,700.002.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY1\$118,500.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$78,900.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$170,000.001.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY

BANK1\$218,100.001.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT

UNION1\$112,400.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$2,966,915.0025.25

FEDERAL CREDIT

UNION1\$187,700.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION1\$201,500.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$347,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$175,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$186,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION4\$824,000.001.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION1\$292,500.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERITRUST MORTGAGE

CORPORATION1\$165,000.000.33%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$198,700.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA20\$3,768,176.667.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATLANTIC PACIFIC MORTGAGE

CORPORATION1\$152,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$163,600.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$355,700.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$255,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$174,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION1\$154,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING 2\$477,958.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

THE1\$249,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK1\$209,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$258,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP2\$318,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC4\$809,000.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$215,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$158,101.810.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION1\$155,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$227,200.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK2\$333,332.450.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION3\$599,660.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,

INC2\$441,650.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$226,550.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC1\$278,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST1\$166,400.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$180,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$451,000.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$206,400.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$241,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL CREDIT UNION1\$210,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK

MORTGAGE1\$279,486.540.56%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

UNION1\$208,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$195,200.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK1\$204,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL.

LLC3\$483,000.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$216,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C1\$175,870.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$228,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$151,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK6\$1,152,102.172.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\begin{tabular}{l} UNION1\$353,000.000.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$190,400.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$175,000.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$150,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB1\$184,000.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK9\$1,884,355.003.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL \\ \end{tabular}$

ASSOCIATION3\$625,600.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$213,600.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES, INC1\$247,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC1\$173,700.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$182,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$150,945.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING

CENTER INC1\$275,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC4\$861,400.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$230,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$226,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$198,300.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A3\$927,000.001.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$284,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$230,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$185,350.370.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

BANK1\$200,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$413,900.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS

BANK1\$178,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK2\$415,150.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO BANKING

COMPANY1\$170,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC2\$494,400.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$150,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

 $TRUST1\$152,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND \\ NATIONAL BANK1\$150,000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE \\ CAPITAL MORTGAGE$

CORPORATION2\$474,000.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$150,001.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$198,550.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION2\$532,200.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

 $\label{thm:contain} UNION1\$168,220.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAROCKY MOUNTAIN MORTGAGE$

COMPANY1\$182,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$337,300.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION1\$296,100.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$229,857.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$174,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$168,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$231,500.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN AMERICAN MORTGAGE COMPANY1\$217,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$268,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

 $\label{thm:condition} UNION4\$1,064,549.592.12\%0\$0.00NA0\0.00

LLC1\$162,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$184,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

AMERICAN MORTGAGE COMPANY,

LLC1\$216,750.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE FEDERAL CREDIT UNION1\$208,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK4\$817,128.371.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC2\$374,800.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$392,200.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$286,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$175,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$153,117.680.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB1\$256,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION3\$529,500.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YOLO FEDERAL CREDIT

UNION1\$154,070.910.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable62\$13,359,629.2826.53 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$298,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$191,450.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS1\$227,170.000.33%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$160,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$193,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$226,397.380.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$217,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA12\$2,309,750.003.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC1\$151,365.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$224,500.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL2\$398,706.830.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$266,450.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION2\$511,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$195,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION7\$1,493,150.002.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$253,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$150,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK5\$1,229,810.061.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC3\$1,167,000.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY3\$573,085.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$184,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$152,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$211,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$195,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY STATE BANK1\$177,600.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK1\$364,856.020.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION1\$175,200.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$499,500.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$203,400.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION1\$160,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$300,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$195,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$157,668.950.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$242,250.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU2\$444,750.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$423,280.640.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE

 $BANK1\$156,\!300.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT$

BANK1\$240,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$191,250.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

 $SC4\$1,066,900.001.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\ COMMONWEALTH\ FEDERAL\ CREDIT$

UNION1\$190,471.890.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION1\$160,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$232,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST2\$414,900.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$479,500.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC2\$404,300.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK7\$1,472,400.002.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION3\$494,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C1\$272,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD1\$207,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK5\$1,054,950.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$486,600.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$150,920.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$176,000.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK9\$2,256,392.303.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL \\ \end{tabular}$

ASSOCIATION5\$1,189,000.001.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU1\$174,400.000.26 FINANCIAL SERVICES,

INC1\$171,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$384,445.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE SERVICES1\$151,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY 4\$878, 150.001.29%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

BANK3\$903,300.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST, FSB1\$195,641.940.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$1,300,400.001.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION1\$153,624.050.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK3\$724,000.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$182,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION5\$1,524,000.002.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KIRTLAND FEDERAL CREDIT UNION1\$269,550.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE REGION BANK1\$294,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$296,800.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$166,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$228,800.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$739,750.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$181,400.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$275,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$351,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK1\$163,345.250.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK1\$163,345.250.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$150,787.760.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION2\$413,500.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA2\$403,258.870.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION1\$300,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$192,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$264,700.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP2\$621,000.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

 $\label{thm:condition} UNION1\$197,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC3\$571,000.000.84\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$172,785.930.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF MIDDLEBURY1\$182,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW MEXICO EDUCATORS FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$170,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWFIELD NATIONAL BANK1\$200,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK1\$225,000.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE \\ \end{tabular}$

BANK1\$282,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK2\$333,500.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$235,200.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$245,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION4\$1,078,797.771.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

 $UNION1\$165,\!316.640.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE$

CORPORATION2\$590,801.220.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$252,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST

MORTGAGE

CORPORATION2\$506,250.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION2\$538,150.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$603,900.000.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$372,622.290.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK1\$297,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$207,848.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEASONS FEDERAL CREDIT

UNION1\$244,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$150,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHWEST AIRLINES FEDERAL CREDIT UNION1\$187,750.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$150,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$165,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$328,275.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION1\$200,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$176,900.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$211,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$194,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK2\$487,500.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY1\$385,000.000.56%0\$0.00NA0\$0.00N

LLC1\$168,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$568,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$256,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK4\$1,011,833.701.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$200,000.000.29%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $\label{thm:contraction} UNION1\$174,800.000.26\%0\$0.00NA0\0.00

CORP1\$367,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$196,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$232,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable73\$16,358,823.6724%0 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$192,000.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$65,600.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC1\$140,900.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT

UNION1\$125,600.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA15\$2,199,050.0011.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK6\$733,276.523.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$210,750.001.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$231,000.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION7\$1,204,706.166.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON

BANK1\$79,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC1\$255,000.001.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY7\$720,269.083.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$303,000.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING, LLC1\$349,250.001.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$169,842.170.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$107,700.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE3\$736,000.003.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY1\$163,100.000.86%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

 $\label{lem:mortgage1} MORTGAGE1\$161,\!500.000.85\%0\$0.00NA0\$0.$

SC1\$132,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$94,689.350.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

 $\label{lem:corporation:sty:c$

OHIO1\$262,990.631.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$131,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$120,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$95,700.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$111,800.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$340,000.001.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$71,263.820.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$150,598.930.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$99,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$143,500.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$135,600.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA2\$354,556.001.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-HUDSON VALLEY FEDERAL CREDIT

UNION1\$191,917.741.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK1\$128,250.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$65,326.380.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK1\$104,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$129,600.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION2\$234,850.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND

FIRE FEDERAL CREDIT

UNION2\$333,925.001.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$134,220.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY1\$121,145.840.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE **BANK AND TRUST**

COMPANY1\$218,300.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$61,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$181,570.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES2\$315,700.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$195,678.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE2\$146,000.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$174.500.000.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$151,597.090.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$215,000.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,978,503.7515.68%0\$ AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$228,000.007.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$341,000.0011.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$288,600.009.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$187,500.006.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK. NA1\$152,393.905.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC1\$198.872.586.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC **FINANCIAL**

CORPORATION1\$279,000.009.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK & TRUST2\$349,500.0011.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SHORE FINANCIAL SERVICES, LLC1\$287,900.009.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$698,090.9023.17%0\$0.00

INC1\$393,000.0011.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$489,700.0014.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLE TAYLOR

BANK1\$180,000.005.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK

F.S.B1\$97,972.962.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS

BANK1\$372,773.2410.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING,

INC1\$312,000.008.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC4\$510.800.0014.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,118,996.4532.19%0\$0 BANK, NA1\$93,000.003.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON

BANK1\$108,400.004.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,

INC1\$203,500.008.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT

BANK1\$211,445.968.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT SOUTHERN SAVINGS BANK1\$120,649.005.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SERVICES,

INC2\$1,036,000.0043.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, **NATIONAL**

ASSOCIATION1\$60,000.002.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$56,250.002.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY

MORTGAGE CAPITAL,

LLC2\$231,002.009.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$288,691.0011.97%0\$0.00 BANK OF THE

NORTH1\$70,918.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$240,814.242.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY2\$242,720.152.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL CORPORATION1\$222,600.002.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BROWNWOOD1\$68,000.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK1\$76,900.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DAKOTALAND FEDERAL CREDIT UNION3\$258,540.002.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT

UNION8\$1,195,560.0012.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$754,691.198.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$215,000.002.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA2\$209,411.002.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$193,063.002.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$157,003.001.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C7\$985,782.3210.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$266,333.492.85%0\$0.00NA

INC1\$102,121.111.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$136,400.001.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK1\$36,062.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$112,355.991.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK & TRUST COMPANY2\$342,791.213.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA4\$738,753.397.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC2\$236,376.002.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION3\$226,785.722.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

UNION1\$68,877.550.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT SAVINGS BANK1\$279,761.983%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE,

INC1\$190,056.002.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE3\$435,810.814.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK2\$119,459.701.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BRADLEY MORTGAGE CAPITAL,

LLC2\$526,389.005.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$316,273.103.42%0\$0.00 ALCONA AREA CREDIT

UNION1\$87,700.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., INC3\$430,440.001.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH1\$29,591.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK, F.S.B1\$168,300.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA12\$1,294,437.904.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL2\$207,850.350.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD2\$129,723.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

STANLY1\$87,200.000.3%0\$0.00NA0\$0.00N

BANK1\$148,978.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC5\$793,547.002.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK ILLINOIS2\$203,394.210.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY11\$1,282,390.264.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANC MORTGAGE

CORPORATION1\$75,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT

UNION5\$532,428.891.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DAKOTALAND FEDERAL CREDIT

UNION2\$202,900.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK1\$246,098.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY5\$554,181.091.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS & MERCHANTS BANK1\$74,358.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$31,188.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$227,448.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$38,722.770.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST8\$615,619.632.12\%0\$0.00NA0$

L.L.C3\$280,368.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA1\$118,622.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST

COMPANY2\$153,060.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$130,550.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$76,530.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION4\$308,075.451.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES8\$919,408.003.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK3\$311,099.411.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$126,704.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOR BANK1\$35,204.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK2\$192,803.040.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK1\$34,592.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$606,000.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$172,633.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC2\$230,991.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$123,624.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK & TRUST

COMPANY2\$75,648.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK3\$367,598.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK4\$451,914.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC14\$1,365,583.004.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC7\$720,554.472.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHLAND AREA FEDERAL CREDIT

 $UNION2\$117,\!200.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT$

UNION1\$490,217.001.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY33\$3,515,929.0012.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION1\$120,408.160.41%0\$0.00NA0\$

 $\label{lem:company2} COMPANY2\$204,461.610.7\%0\$0.00NA$

SYCAMORE1\$152,040.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK7\$746,918.002.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST9\$963,765.003.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK, N.A1\$162,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK5\$478,268.921.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$76,928.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

 $LLC2\$445,\!261.001.53\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT$

UNION1\$168,367.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION7\$774,304.002.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable43\$4,288,843.0414.77° INTERNET MORTGAGE, INC DBA

COMPANY1\$115,000.0010.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$795,550.0069.3

AIMLOAN.COM2\$236,250.0020.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

NATIONAL ASSOCIATION1\$150,000.005.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION 1\$150,000.005.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$155,800.006.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY2\$302,956.5512.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,903,071.00° NATIONAL BANK1\$111,200.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$119,000.001.24%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

CORPORATION7\$834,539.158.69%0\$0.00NA

ASSOCIATION11\$1,283,957.0013.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS CREDIT UNION2\$222,424.982.31%0\$0.00NA0\$0.00

OMAHA12\$1,394,700.0014.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC1\$115,509.071.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$4,832,140.8250.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

AIMLOAN.COM4\$527,300.002.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION27\$3,688,300.4516.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $MORTGAGE\ COMPANY7\$950,900.004.34\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%$

ASSOCIATION16\$2,204,298.0010.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$133,600.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$130,500.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY1\$126,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE COMPANY3\$397,250.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

OMAHA29\$3,950,164.8718.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC2\$261,900.001.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$9,522,354.3743.49%0\$0 NATIONAL BANK2\$324,900.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INTERNET MORTGAGE, INC DBA

AIMLOAN.COM7\$1,129,000.005.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION22\$3,538,110.7416.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY9\$1,426,470.006.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION9\$1,438,184.006.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA19\$3,037,666.6114.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC4\$641,873.343.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable61\$9,820,070.3745.98%0\$

INTERNET MORTGAGE, INC DBA

AIMLOAN.COM12\$827,033.008.83%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

CORPORATION18\$1,265,325.3213.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE

 $COMPANY25\$1,\!618,\!954.0017.29\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00$

ASSOCIATION 17\$1,178,713.0012.59%0\$0.00NA0%0

COMPANY 1\$80,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS CREDIT UNION3\$195,000.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY 1\$66,500.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA32\$2,136,464.6322.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC2\$148,672.331.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK2\$103,200.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$1,744,269.2218.63%0 NATIONAL BANK3\$434,700.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INTERNET MORTGAGE, INC DBA

AIMLOAN.COM13\$1,746,700.006%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

CORPORATION14\$1,916,707.156.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE

COMPANY59\$8,005,875.0027.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION15\$2,130,215.007.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS CREDIT UNION1\$134,500.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY6\$806,198.292.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

CALIFORNIA MORTGAGE

COMPANY2\$294,800.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA20\$2,771,539.009.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC15\$2.091,676.437.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA

BANK2\$276,298.160.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE

BANK1\$147,100.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC2\$271,401.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP,

INC5\$672,607.752.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$7,432,427.1525.52%0\$

NATIONAL BANK2\$328,250.001.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM7\$1,105,145.004.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION12\$1,974,415.328.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE

 $COMPANY 39\$6,\!309,\!714.0025.84\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.0$

ASSOCIATION16\$2,575,969.0010.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$174,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY3\$480,924.001.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY1\$164,500.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA16\$2,582,827.0010.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC16\$2,583,287.1710.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK1\$165,760.820.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC3\$463,000.001.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP,

INC1\$152,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$5,357,000.1821.94%0\$ FEDERAL SAVINGS

BANK1\$604,000.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION 4\$2,226,000.002.96%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION1\$588,000.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF

 $HAWAII1\$720,000.000.96\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NABANK-FUND\ STAFFFEDERAL\ CREDIT$

UNION1\$544,800.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$471,850.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC20\$10,910,600.0014.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC3\$1,457,800.001.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY1\$524,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$1,474,650.001.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$508,314.360.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK4\$2,235,950.002.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:cont} \begin{tabular}{l} UNION1\$553,\!419.130.74\%0\$0.00NA0$

ASSOCIATION1\$549,000.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL

CITY MORTGAGE,

INC1\$625,500.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION6\$3,066,500.004.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$915,750.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC13\$7,397,500.009.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

 $LLC1\$625,\!500.000.83\%0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA} \text{MLD MORTGAGE,} \\ INC1\$550,\!000.000.73\%0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA} \text{NEWTOWN SAVINGS} \\ BANK1\$488,\!085.000.65\%0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA}0\$0.00\text{NA} \text{NORTHWEST FEDERAL} \\ \text{CREDIT UNION1}\$515,\!000.000.68\%0\$0.00\text{NA}0\$0.00\text{NA$

CORPORATION 1\$475, 314.170.63%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

UNION1\$515,200.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION 2\$997,000.001.33%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $UNION3\$1,710,875.002.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHLAND CREDIT UNION1\$578,000.000.77\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC \\ MORTGAGE1\$480,000.000.64\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 \\ CREDIT UNION1\$533,500.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA \\ BANK1\$474,950.000.63\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY \\ MORTGAGE CAPITAL,$

LLC2\$1,036,000.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$28,054,553.6937.299 FINANCIAL RESOURCES,

INC1\$625,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION5\$2,648,800.003.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST7\$3,779,332.944.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING3\$1,685,600.001.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC9\$4,627,400.005.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC5\$2,448,300.002.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

COMPANY1\$464,000.000.55%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION1\$573,000.000.68%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION1\$560,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$2,343,869.492.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK5\$2,845,566.893.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK5\$2,455,596.622.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEAMERICAN MORTGAGE

CORPORATION1\$519,768.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK3\$1,765,600.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION2\$916,500.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$543,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK,

N.A2\$904,331.171.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS,

LLC7\$3,797,500.004.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$625,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$620,550.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$624,618.670.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT UNION1\$522,800.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC2\$1,169,500.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION4\$2,209,000.002.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT

UNION2\$1,170,000.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION3\$1,658,750.001.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT

UNION1\$625,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$506,000.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP2\$1,130,250.001.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$532,029.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

UNION2\$1,040,531.831.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable70\$37,741,933.0944. NATIONAL BANK1\$553,280.002.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM4\$2,258,500.0011.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION12\$7,000,018.0036.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

MORTGAGE, INC2\$1,237,229.006.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$8,306,159.1442.91%0

PACIFIC MORTGAGE CORPORATION1\$498,000.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC6\$3,269,100.0010.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$1,002,000.003.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC

BANK1\$625,500.001,94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT

BANK6\$3,268,281.0010.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP,

INC1\$595,000.001.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS

BANK1\$557,000.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL

CREDIT UNION1\$625,500.001.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC2\$996,000.003.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS,

LLC6\$3,480,200.0010.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE,

INC1\$485,000.001.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$16,789,053.5552.16%0FEDERAL SAVINGS

BANK2\$868,750.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB3\$526,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY

THE1\$265,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION1\$354,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE

PLUS FEDERAL CREDIT

UNION1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE FEDERAL CREDIT UNION3\$516,900.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION1\$98,500.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION2\$431,758.730.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPENA ALCONA AREA CREDIT UNION1\$273,500.000.1%0\$0.00NA

UNION2\$340,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE4\$802,313.070.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION12\$2,607,710.780.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK3\$684,635.730.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$186,900.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$144,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A1\$96,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN EAGLE FEDERAL CREDIT

UNION2\$385,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS BANK1\$308,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC4\$1,225,000.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION5\$1,139,735.750.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$360,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

 $F.S.B4\$1,665,000.000.63\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK\\FSB34\$5,966,265.002.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH\\EMPLOYEES CREDIT$

 $\label{thm:condition} \begin{tabular}{l} UNION3\$522,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE \\ CREDIT UNION11\$1,873,960.000.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS \\ FEDERAL CREDIT \\ \end{tabular}$

 $\label{thm:bound} \begin{tabular}{l} UNION2\$532,730.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAASTORIA FEDERAL SAVINGS AND LOAN \\ \end{tabular}$

ASSOCIATION5\$1,054,705.360.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK3\$484,0 SANTANDER PUERTO

RICO2\$629,064.860.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK5\$1,248,386.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL4\$867,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL6\$1,054,371.380.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF ABBEVILLE AND TRUST

CO1\$190,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII4\$1,349,260.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$400,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD2\$388,200.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY4\$571,507.700.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$644,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$290,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION2\$436,700.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL

CREDIT

UNION7\$2,239,500.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$130,032.690.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING7\$2,241,940.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$153,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL COMMUNITY CREDIT

UNION1\$206,910.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC73\$29,159,300.0011.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC4\$1,048,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK ILLINOIS1\$193,750.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:conform} \begin{tabular}{l} UNION1\$168,000.000.006\%0\$0.00NA0\0.00

UNION2\$431,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CENTRAL PACIFIC BANK4\$1,787,581.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS BANK1\$109,751.010.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION1\$206,625.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

LENDING1\$213,826.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENS BANK OF NORTHERN KENTUCKY1\$235,644.550.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$

UNION6\$1,283,473.700.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA COASTHILLS FEDERAL CREDIT

UNION2\$538,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC4\$1,351,950.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$188,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMODORE BANK1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

FLORIDA1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK1\$45,100.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK OF ROCK

 $FALLS 2\$239,100.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACONSUMERS\\ COOPERATIVE CREDIT$

 $\label{thm:contract} UNION1\$264,100.000.1\%0\$0.00NA0\$$

BANK2\$420,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DAKOTALAND FEDERAL CREDIT

UNION1\$84,550.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT UNION3\$625,267.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD5\$1,335,596.730.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK2\$617,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK1\$98,844.200.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE3\$1,013,375.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

UNION4\$740,709.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$178,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$368,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$243,412.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRELANDS FEDERAL CREDIT UNION3\$311,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$254,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$206,176.090.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION1\$184,977.090.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION1\$249,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF LOUISIANA1\$195,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF

OHIO1\$166,250.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$226,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF CHARLESTON,

SC2\$489,400.650.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD7\$1,409,650.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON3\$915,600.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF CHAMPAIGN

 $\begin{tabular}{l} URBANA2\$452,025.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT UNION2\$214,912.940.08\%0\$0.00NA0\0

CORPORATION7\$1,704,600.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C3\$864,850.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION1\$175,000.000.007%0\$0.00NA

ALASKA3\$898,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF SUFFIELD

THE1\$161,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$610,132.480.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK9\$4,416,132.361.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION1\$195,650.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK1\$255,190.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO

RICO2\$247,720.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$337,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$130,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB2\$374,405.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK3\$1,159,503.180.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION11\$3,122,093.741.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRAFTON SUBURBAN CREDIT

UNION1\$320,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION1\$336,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK SSB1\$288,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE SERVICES1\$137,500.000.05%0\$0.00NA

UNION1\$134,497.120.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION3\$789,765.040.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY LOAN AND REAL ESTATE

COMPANY1\$84,550.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

 $INC4\$953,\!850.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD\ UNIVERSITY\ EMPLOYEES\ CREDIT$

UNION3\$731,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAWAII NATIONAL BANK2\$699,698.770.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION2\$345,100.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST, FSB1\$356,250.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK5\$881,350.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$455,150.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$615,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

 $\label{thm:convactor} \begin{tabular}{l} UNION1\$191,000.000.07\%0\$0.00NA0\0.0

UNION2\$392,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

 $\label{lem:company} COMPANY3\$809,250.000.31\%0\$0.00NA$

 $\label{thm:condition} \begin{tabular}{l} UNION2\$587,200.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$143,745.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISLAND FEDERAL CREDIT UNION3\$692,000.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND \end{tabular}$

COMPANY3\$636,706.000.24%0\$0.00NA0\$0.

 $\label{thm:constraint} \begin{tabular}{ll} UNION9$2,761,590.511.04\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA LAKE AREA BANK1$417,000.000.16\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA LAKE FOREST BANK & TRUST2$682,600.000.26\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA LAND /HOME FINANCIAL SERVICES,$

INC2\$505,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION4\$702,900.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL

CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK, N.A10\$2,580,125.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC12\$4,222,100.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK2\$546,600.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION2\$480,300.600.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$384,412.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$268,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD **COOPERATIVE**

BANK1\$187,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS **BANK AND TRUST**

CO1\$316,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$189,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK2\$286,546.770.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, **NATIONAL**

ASSOCIATION7\$1,098,704.920.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$413,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA3\$1,705,430.850.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION2\$404,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$424,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION2\$610,400.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT

UNION2\$418,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION6\$846,620.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC4\$1,490,900.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK3\$665,300.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$148,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING CORPORATION2\$715,625.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC1\$285,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION3\$780,600.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK3\$680,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU **EDUCATORS FEDERAL CREDIT**

UNION2\$409,786.680.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW BRITAIN MORTGAGE, LLC2\$685,980.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN **OHIO INVESTMENT**

COMPANY2\$557,100.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT UNION2\$347,242.230.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK1\$174,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

UNION1\$158,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NRL FEDERAL CREDIT UNION1\$189,050.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK1\$147,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND

NATIONAL BANK1\$415,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$365,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND TRUST2\$165,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FEDERAL CREDIT

UNION1\$120,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$286,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$334,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET

CREDIT UNION1\$170,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:bound} \begin{tabular}{l} UNION7\$1,833,924.620.69\%0\$0.00NA0\$0.00N$

ASSOCIATION1\$170,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION3\$862,309.580.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION1\$174,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC4\$648,640.030.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK2\$364,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

UNION3\$604,950.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION2\$583,050.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF

JACKSONVILLE1\$148,315.140.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEBANK1\$353,500 CREDIT UNION10\$3,210,250.001.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

UNION3\$747,550.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$322,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION2\$321,165.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$270,141.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RED CANOE CREDIT UNION1\$236,680.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION3\$547,899.600.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$306,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC2\$385,250.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT <math display="block">INC1\$270,141.000.1%0\$0.00NA

UNION3\$595,950.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN MORTGAGE

COMPANY1\$204,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROLLSTONE BANK & TRUST1\$204,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION11\$3,866,993.001.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION3\$639,981.480.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT

 $UNION1\$96,000.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ SAVINGS \ BANK \ OFMENDOCINO$

COUNTY1\$270,000.000.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

UNION2\$725,435.200.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO3\$460,574.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE1\$204,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHELL FEDERAL CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT

UNION1\$150,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH FLORIDA

EDUCATIONAL FEDERAL CREDIT

UNION1\$141,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$75,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT UNION4\$683,250.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. CLAIR COUNTY STATE

 $BANK1\$72,\!618.870.03\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAST. \ MARYS \ CREDIT UNION9\$2,\!674,\!398.671.01\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAST. \ PAUL \ POSTAL \ EMPLOYEES \ CREDIT$

 $UNION1\$167,\!500.000.06\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

CORPORATION 9\$2,522,334.000.95%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION3\$1,248,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$49,500.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN UTAH1\$324,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC6\$1,299,809.600.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK5\$1,485,254.930.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$102,900.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$245,500.000.009%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$371,125.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION15\$3,124,822.311.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION3\$536,786.910.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$1,386,805.610.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

 $\label{thm:contour} \begin{tabular}{l} UNION10\$2,840,600.001.07\%0\$0.00NA0\$0.$

BANK2\$384,320.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF INDIANAPOLIS1\$300,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK8\$1,926,267.550.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$223,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

 $INC1\$261,\!605.390.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATRUSTONE\ FINANCIAL\ FEDERAL\ CREDIT$

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$432,900.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\ BANK1\$200,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY\\ BANK4\$619,293.930.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED NATIONS\\ FEDERAL CREDIT\\ \end{tabular}$

UNION2\$590,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$191,433.370.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$915,713.900.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY CREDIT UNION1\$163,800.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION20\$4,045,739.761.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$150,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE

FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{ll} UNION1\$249,\!515.080.09\%0\$0.00NA0\0.0

CORPORATION1\$311,310.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION5\$870,577.290.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC2\$604,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

 $BANK2\$583,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

UNION1\$211,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION2\$414,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION1\$211,000.000.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION4\$1,066,992.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION5\$1,193,719.010.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB1\$233,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable189\$50,563,049.2419.05% 2ND MORTGAGE COMPANY OF NEW JERSEY, INC1\$152,600.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL

INC1\$152,600.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS BANK2\$654,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$123,000.000.005\%0\$0.00NA0\$$

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$504,000.720.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK \& TRUST CO6\$1,179,802.720.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$159,400.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE2\$420,942.150.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT \\ \end{tabular}$

 $\label{thm:continuous} UNION7\$1,\!519,\!510.640.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAAMERICAN\\ BANK2\$324,\!044.790.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAAMERICAN\\ BANK\&TRUST OF THE$

CUMBERLANDS1\$275,000.000.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

UNION2\$379,671.180.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC4\$1,175,480.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION1\$222,871.360.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION5\$1,262,048.550.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS3\$662,827.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION4\$1,372,793.700.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B3\$728,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION1\$400,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERITRUST MORTGAGE

CORPORATION1\$180,000.000.07%0\$0.00NA

UNION1\$153,515.060.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

 $\label{thm:condition} UNION1\$226,500.000.08\%0\$0.00NA$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$171,000.000.06\%0\$0.00NA0\$0.$

ASSOCIATION5\$1,456,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

RICO1\$99,839.150.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK7\$1,868,254.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$140,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF ABBEVILLE AND TRUST

CO1\$215,950.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$1,175,750.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS3\$811,003.470.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY4\$834,858.020.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WASHINGTON3\$547,480.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$402,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKFINANCIAL FSB1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$396,600.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION3\$521,050.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION6\$1,984,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION4\$1,144,200.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$1,377,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$252,000.000.009%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS

BANK1\$236,250.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$157,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC81\$31,546,900.0011.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE,

LLC1\$315,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC2\$434,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT UNION2\$383,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT

UNION1\$154,425.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK4\$1,783,063.340.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION1\$185,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHELSEA GROTON BANK1\$250,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS STATE BANK1\$360,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$309,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

 $\label{thm:composition} \begin{tabular}{l} UNION6\$1,69\$,505.360.63\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT\\ MORTGAGE, INC1\$200,000.000.07\%0\$0.00NA CREDIT UNION OF\\ COLORADO1\$207,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN\\ COOPERATIVE \end{tabular}$

BANK3\$914,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEDHAM INSTITUTION FOR SAVINGS4\$928,200.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT

UNION3\$493,582.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK1\$145,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY, LTD2\$670,551.850.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK3\$1,009,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE4\$829,400.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY5\$1,499,700.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

 $UNION2\$325,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT \\ UNION2\$314,863.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND \\ TRUST$

 $COMPANY2\$454,850.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS\\ CU19\$4,915,937.431.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE\\ COMPANY, INC1\$40,000.000.01\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER\\ FEDERAL CREDIT UNION2\$167,000.000.06\%0\$0.00NA0\$$

 $\label{thm:constraint} \mbox{UNION3\$644,450.000.24\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

MORTGAGE3\$1,081,768.240.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE6\$2,351,718.650.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$162,400.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$78,000.000.003\%0\$0.00NA0\0

SC10\$1,959,640.410.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$164,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$212,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION1\$244,639.070.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF LOUISIANA1\$151,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD7\$1,772,522.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK1\$285,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK8\$2,459,000.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK4\$1,108,680.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE COMMUNITY

BANK2\$425,150.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION7\$1,525,938.920.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C2\$622,250.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION 2\$633,252.000.23%0\$0.00NA

ALASKA3\$1,106,965.000.41%0\$0.00NA0\$0

 $\label{thm:condition} GILLETTE1\$230,850.000.09\%0\$0.00NA0\0.0

UNION1\$255,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION4\$1,203,400.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NORTHERN CREDIT

UNION2\$378,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PEOPLES COMMUNITY FCU1\$166,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$1,424,242.270.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK10\$3,991,297.071.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION 1\$200,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

UNION10\$2,960,683.061.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO5\$880,899.760.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB2\$543,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION2\$419,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK5\$1,751,734.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION9\$2,601,500.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU3\$206,500.000.08 MIDWEST BANK

SSB1\$197,250.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION1\$140,100.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION3\$242,634.010.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION3\$981,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC8\$2,129,125.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD UNIVERSITY EMPLOYEES CREDIT

 $\label{thm:condition} UNION3\$773,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAWAII NATIONAL \\ BANK1\$570,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK, \\ NATIONAL$

ASSOCIATION1\$192,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION2\$399,225.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS

BANK3\$748,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC1\$292,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION1\$417,000.000.15%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION1\$270,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT UNION4\$751,150.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY1\$175,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION4\$748,750.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK2\$449,385.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$359,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$318,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK1\$126,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISLAND FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION2\$371,000.000.14\%0\$0.00NA0\$0.00N$

UNION4\$925,077.520.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$400,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$150,300.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$682,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$181,226.640.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A14\$4,008,760.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC12\$3,589,460.001.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEOMINSTER CREDIT UNION1\$244,631.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS2\$175,100.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT

UNION2\$450,026.630.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LUSO FEDERAL CREDIT UNION1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK4\$1,251,100.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS BANK AND TRUST CO1\$94,400.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARSHALL COMMUNITY CREDIT

UNION1\$321,889.800.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$206,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK1\$92,011.200.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION7\$1,554,200.000.58%0\$0.00NA0%0.00NA0%0.00NA0%0.00

LLC2\$635,313.990.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA4\$1,372,155.670.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$373,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST LOAN SERVICES INC1\$351,700.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIFFLINBURG BANK & TRUST

COMPANY1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE1\$217,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION2\$572,900.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT

UNION2\$350,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION7\$892,150.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC8\$2,914,000.001.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK3\$780,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA

CREDIT UNION1\$87,500.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA FEDERAL CREDIT

UNION1\$118,702.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$723,493.210.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION1\$294,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW BRITAIN MORTGAGE, LLC2\$565,415.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA BANK1\$182,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT UNION3\$662,072.770.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT UNION1\$135,150.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$400,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$400,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$87,950.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION1\$267,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION14\$3,471,916.261.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$113,500.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES STATE BANK1\$132,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

 $UNION2\$267,\!469.270.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE$

CORPORATION2\$648,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION1\$141,550.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION1\$229,000.000.008\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLISH NATIONAL CREDIT UNION1\$152,000.000.06\%0\$0.00NA0\0.00

BANK2\$330,200.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORTAGE COUNTY BANK1\$152,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$182,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF

JACKSONVILLE1\$88,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREVAIL CREDIT

UNION2\$451,550.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEBANK1\$287,200.000.11% MORTGAGE

CORPORATION1\$295,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

UNION1\$202,245.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION9\$2,617,592.800.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION1\$351,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$179,920.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT UNION2\$278,400.000.1\%0\$0.00NA0\$0.00N$

UNION1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION2\$256,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK4\$783,050.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION2\$473,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT

MORTGAGE SERVICING

CORPORATION 18\$5, 834, 046.182.16%0\$0.00 NA0\$0.00 NA0\$0

 $COMPANY1\$327,250.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$257,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT UNION1\$276,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY2\$373,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT <math display="block"> \frac{1}{2} \frac{$

UNION4\$1,358,054.170.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO3\$402,969.200.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT

UNION1\$227,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SILVER STATE SCHOOLS SERVICE COMPANY,

LLC1\$279,587.510.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIR FEDERAL CREDIT UNION1\$98,925.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIWELL, INC., DBA CAPITAL MORTGAGE SERVICES OF

TEXAS1\$158,700.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$82,375.740.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPRATT SAVINGS AND LOAN ASSOCIATION1\$133,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT

UNION8\$1,688,535.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. CLAIR COUNTY STATE BANK1\$127,691.270.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS CREDIT UNION5\$1,396,686.400.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$204,600.000.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION5\$921,498.780.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC1\$154,300.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION1\$391,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST1\$187,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS3\$572,800.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN UTAH2\$378,100.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC12\$2,986,173.681.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$843,530.280.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$154,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO4\$1,166,168.610.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION22\$4,731,585.001.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION1\$189,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE2\$390,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION9\$1,995,262.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF EAST ASIA (U.S.A.) N.A1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK IN

AMBOY1\$220,800.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PEOPLES BANK1\$131,800.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE STATE BANK OF TOWNSEND1\$300,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL

BANK3\$776,800.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$170,095.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

 $\label{thm:constraint} UNION1\$417,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TWINSTAR CREDIT\\ UNION1\$262,612.550.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\ BANK4\$1,094,315.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK &\\ TRUST2\$446,100.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF\\ UNION1\$207,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY\\ BANK3\$647,025.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL\\ AMERICAN MORTGAGE COMPANY,$

 $LLC5\$1,\!474,\!585.000.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUNIVERSITY\ FIRST\ FEDERAL\ CREDIT$

UNION1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION19\$4,223,025.021.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO4\$1,210,115.620.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION2\$783,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION4\$964,289.790.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC4\$1,313,200.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$181,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$312,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERRA CREDIT UNION1\$187,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

 $UNION4\$1,\!230,\!250.000.46\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

TRUST1\$184,817.670.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION7\$1,933,600.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$196,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable183\$50,977,181.8018.72ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$213,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST MIDAMERICA CREDIT UNION2\$490,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS

BANK1\$436,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

 $SSB3\$692,\!352.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK\ TRUST\ COMPANY\ THE 3\$759,\!000.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE\ PLUS\ FEDERAL\ CREDIT$

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$225,766.900.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION2\$303,900.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT \\ \end{tabular}$

UNION3\$682,474.520.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL2\$233,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO3\$491,602.110.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION3\$926,750.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE3\$465,848.250.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

UNION7\$1,354,240.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$192,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH2\$352,150.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A1\$188,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN EAGLE FEDERAL CREDIT

UNION6\$1,336,821.040.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS

BANK2\$389,293.610.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC3\$764,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT

UNION1\$345,398.190.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION3\$667,393.030.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$360,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B3\$1,038,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION1\$293,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB23\$4,883,726.581.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$140,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION12\$2,235,750.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$261,478.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$363,600.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$326,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN \\ \end{tabular}$

ASSOCIATION4\$1,261,600.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$347,700.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK2\$463,5 SANTANDER PUERTO

RICO1\$212,379.640.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK7\$1,718,434.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL2\$334,050.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL3\$655,645.280.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS2\$707,393.040.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD4\$478,755.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY4\$697,283.110.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST2\$653,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FINANCIAL FSB1\$233,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$275,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$275,500.000.11%0\$0.00NA0\$0.00

BANK1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$244,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT

UNION1\$400,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION17\$5,318,800.002.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING

EMPLOYEES CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$430,400.000.17\%0\$0.00NA0\$0.$

SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING7\$2,339,600.000.94%0\$0.00NA0%

BANK2\$621,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE,

LLC1\$227,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$232,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC63\$21,020,700.008.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC1\$200,000.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$276,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK OF PROVO3\$719,250.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT

UNION2\$438,700.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK2\$478,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK1\$256,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$211,050.000.08%0 GROTON BANK1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT

UNION1\$221,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK OF NORTHERN KENTUCKY2\$432,579.450.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

 $LAUDERDALE 1\$205,500.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON\\ SAVINGS BANK 1\$200,496.510.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG\\ MORTGAGE, INC 1\$285,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOASTAL\\ FEDERAL CREDIT$

 $\label{thm:condition} \begin{tabular}{l} UNION4\$1,016,200.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOBALT\\ MORTGAGE, INC2\$832,500.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMACOLE\\ TAYLOR BANK1\$344,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMODORE\\ BANK1\$193,500.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY BANK - MISSOULA1\$190,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY\\ SAVINGS\\ \end{tabular}$

BANK1\$149,150.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC2\$590,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$445,300.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF SOUTHERN

CALIFORNIA2\$469,149.900.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST1\$244,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DAKOTALAND FEDERAL CREDIT UNION1\$119,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT

UNION1\$148,750.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK2\$422,250.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC1\$247,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

 $LTD5\$1,\!214,\!654.610.49\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

BANK1\$406,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK3\$242,558.470.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

 $MORTGAGE1\$159,000.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY5\$1,228,650.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

 $\begin{tabular}{l} UNION7\$1,379,700.000.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT \\ UNION3\$661,060.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON \\ SAVINGS BANK2\$606,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS \\ CU10\$2,958,135.801.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE \\ COMPANY, INC1\$154,750.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER \\ FEDERAL CREDIT UNION1\$147,500.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT \\ FEDERAL CREDIT UNION5\$1,008,675.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB \\ MORTGAGE COMPANY1\$240,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL \\ MORTGAGE SERVICING, INC. DBA IMPAC \\ \end{tabular}$

MORTGAGE3\$789,306.460.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL CREDIT UNION1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$164,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FALL RIVER FIVE CENTS SAVINGS BANK DBA

BANKFIVE1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS & MERCHANTS BANK2\$495,882.750.2%0\$0.00NA0\$

 $BANK1\$150,100.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK \\ MORTGAGE2\$617,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$154,000.000.006\%0\$0.00NA0\0

SC4\$1,246,631.720.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$170,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$180,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION2\$663,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK1\$161,045.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF LOUISIANA1\$173,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD6\$1,261,954.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$320,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT UNION1\$87,423.560.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK8\$1,879,500.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION10\$2,286,198.250.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C2\$566,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION1\$162,552.000.07%0\$0.00NA0

ALASKA1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$226,765.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$1,069,910.460.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK12\$4,067,599.211.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK OF ILLINOIS1\$166,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION2\$580,600.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO

RICO2\$542,021.210.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTLIGHT FEDERAL CREDIT UNION1\$166,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE BANK1\$218,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK &

TRUST1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK4\$1,073,737.100.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION10\$3,117,389.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS

BANK3\$807,518.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU2\$262,509.000.11%0\$0.00NA CREDIT UNION1\$74,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC2\$735,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK, FSA1\$289,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION2\$454,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION2\$231,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION6\$1,008,683.750.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION3\$542,646.130.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

 $INC2\$692,223.850.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD\ UNIVERSITY\ EMPLOYEES\ CREDIT$

UNION1\$364,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST,

FSB1\$189,692.310.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION2\$410,900.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$272,958.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK1\$117,300.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$667,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION2\$700,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

 $\begin{array}{l} {\rm UNION1\$250,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\,I-C\ FEDERAL\ CREDIT\ UNION2\$352,875.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ IDAHO\ CENTRAL\ CREDIT\ UNION3\$535,100.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ ILLINI\ BANK2\$397,600.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ ILLINOIS\ NATIONAL\ BANK3\$908,000.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ INVESTORS\ BANK2\$658,800.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ ISLAND\ FEDERAL\ CREDIT\ UNION1\$268,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ JAMES\ B.\ NUTTER\ AND \\ \end{array}$

COMPANY3\$635,950.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING3\$546,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

 $\begin{array}{l} {\rm UNION11\$3,171,550.001.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KODIAK ISLAND \\ {\rm HOUSING~AUTHORITY1\$184,200.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L\&N \\ {\rm FEDERAL~CREDIT~UNION1\$240,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE \\ {\rm AREA~BANK1\$179,910.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE \\ {\rm FOREST~BANK~\&~TRUST1\$308,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE \\ {\rm MORTGAGE~COMPANY} \end{array}$

INC1\$308,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND / HOME FINANCIAL LAND / HOME FINAN

SERVICES, INC1\$192,700.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION8\$1,542,562.100.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$253,700.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A10\$3,332,050.001.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC8\$2,427,000.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$209,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LUSO FEDERAL CREDIT UNION1\$255,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$726,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$150,402.120.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MECHANICS SAVINGS BANK1\$169,298.870.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$225,667.050.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C1\$175,900.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$207,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK3\$332,264.760.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION4\$603,033.360.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC4\$949,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA3\$1,103,871.360.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MI FINANCIAL CORPORATION1\$258,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$382,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID MINNESOTA FEDERAL CREDIT

UNION2\$328,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP2\$642,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$425,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE1\$189,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION2\$495,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION4\$647,350.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE.

INC3\$1,070,700.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION1\$213,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1\$329,900.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION2\$594,950.080.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT

 $UNION3\$488,\!764.960.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE \\$

 $\label{eq:company4} COMPANY4\$1,041,850.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION \\ FEDERAL CREDIT UNION2\$608,500.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST \\ BANK1\$210,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND \\ NATIONAL BANK2\$606,400.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES \\ ADVISORS, \\ \\$

INC1\$403,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPPORTUNITIES CREDIT UNION1\$295,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION2\$465,910.410.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION2\$311,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

 $UNION3\$544,\!758.400.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK \& TRUST COMPANY OF PICKETT \\$

COUNTY2\$323,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$169,644.770.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION3\$663,350.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION2\$317,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

BANK1\$386,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

 $\begin{tabular}{l} UNION4\$662,600.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK \& TRUST2\$434,682.120.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREVAIL CREDIT UNION1\$119,950.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIOR LAKE STATE BANK1\$157,500.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK1\$375,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION9\$2,887,000.001.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION9\$2,000.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION9\$2,000.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION9\$2,000.00NA0\$0.00$

 $UNION2\$560,\!800.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NARANDOLPH-BROOKSFEDERAL CREDIT$

UNION1\$117,200.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$178,730.390.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$723,500.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$415,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$163,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN MORTGAGE

COMPANY1\$188,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION8\$2,607,400.001.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$465,742.190.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY2\$735,750.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COUNTY1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY1\$193,015.230.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO7\$766,702.030.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

UNION1\$120,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN BANK & TRUST COMPANY1\$89,250.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$149,774.080.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT

UNION3\$969,700.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. CLAIR COUNTY STATE BANK2\$279,242.230.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS CREDIT UNION4\$896,200.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION8\$1,560,533.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF NEW

PRAGUE1\$142,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC8\$2,084,400.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$344,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$667,495.080.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY5\$1,176,600.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF

MONTANA3\$793,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$368,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION18\$3,621,750.001.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION2\$429,615.030.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$670,939.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TAMPA BAY FEDERAL CREDIT

UNION2\$338,392.730.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION12\$3,342,622.001.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TECHNOLOGY CREDIT UNION1\$218,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST STATE BANK1\$351,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK1\$191,200.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIB-THE INDEPENDENT BANKERSBANK2\$779,949.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$396,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION2\$440,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$300,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$315,899.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$300,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TWINSTAR CREDIT UNION1\$191,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$625,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$827,350.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK4\$528,349.740.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES.$

LLC2\$617,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$761,990.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY CREDIT UNION1\$209,690.630.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION18\$3,917,325.851.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$300,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION1\$300,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION9\$1,907,145.020.76\%0\$0.00NA0$

CORP1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY

MORTGAGE CAPITAL,

FEDERAL CREDIT

LLC5\$1,721,825.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

BANK2\$370,742.190.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEBSTER BANK, N.A1\$159,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION2\$620,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK1\$212,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION4\$740,720.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION2\$557,800.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION8\$1,902,619.210.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WILLIAMS VILLE STATE BANK AND

TRUST1\$213,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION8\$1,602,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$236,900.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB3\$936,647.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable180\$45,753,713.1118.27% 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 360 MORTGAGE GROUP, LLC1\$236,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 3RD FED

BANK1\$264,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

 $SSB2\$303,\!500.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK\ TRUST\ COMPANY\ THE 1\$230,\!610.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE\ FEDERAL\ CREDIT$

UNION1\$385,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION3\$892,496.090.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL3\$393,107.380.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$230,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO4\$1,011,153.530.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$244,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE4\$1,055,078.410.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION6\$1,244,642.320.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$177,649.920.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$203,100.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A3\$603,700.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN EAGLE FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$487,919.710.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS BANK2\$369,653.570.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, \end{tabular}$

INC2\$522,464.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION1\$334,509.880.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION4\$1,067,510.060.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC

MORTGAGE

CORPORATION4\$1,532,000.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERITRUST MORTGAGE

 $\label{thm:corporation:substitute} CORPORATION1\$188,000.000.008\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAANHEUSER-BUSCH \\ EMPLOYEES CREDIT$

UNION1\$276,550.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION2\$641,600.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT

UNION1\$154,167.450.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$574,600.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$107,000.000.04%0\$0.00NA0\$1.00NA0\$1.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$1.00N

INC1\$336,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK4\$1,077,100.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL2\$459,250.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$179,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$416,385.670.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD5\$1,116,067.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY4\$929,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$244,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT1\$405,000.0 BANK2\$412,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT1\$405,000.0 BANK2\$412,200.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION3\$1,018,920.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION3\$507,045.840.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK1\$351,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION17\$4,894,200.001.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

 $\label{thm:conjugate} \begin{tabular}{l} UNION1\$350,600.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL CORPORATION1\$380,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRIDGEWATER CREDIT UNION1\$300,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN \\ \end{tabular}$

 $FUNDING 4\$1,149,900.000.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACAPE\ COD\ FIVE\ CENTS\ SAVINGS$

BANK1\$384,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$242,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

 $LLC1\$255,600.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$200,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC56\$17,425,350.006.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK\\ ILLINOIS1\$152,000.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK OF\\ PROVO3\$492,400.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE\\ COMPANY2\$521,400.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE\\ FEDERAL CREDIT$

UNION2\$336,125.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS BANK3\$419,563.200.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT

UNION2\$481,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$165,700.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK1\$174,736.430.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$290,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$512,600.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOBALT MORTGAGE, INC1\$357,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOLE TAYLOR BANK1\$257,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOLUMBIA CREDIT UNION1\$179,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY CREDIT UNION OF \end{tabular}$

LYNN1\$268,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK3\$395,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$412,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

INC1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF SOUTHERN

CALIFORNIA1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND SECURITY BANK1\$403,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE

BANK1\$307,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEDHAM INSTITUTION FOR SAVINGS1\$183,728.930.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT

UNION1\$161,294.030.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK2\$334,250.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY, LTD6\$1,563,648.160.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DORAL BANK1\$54,913.450.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DOW LOUISIANA FEDERAL CREDIT

UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE3\$729,300.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY3\$901,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION7\$1,621,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$474,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY2\$679,992.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS

BANK3\$716,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU18\$4,562,845.991.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION2\$376,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION4\$1,093,046.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE3\$806,479.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK2\$527,699.470.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

UNION1\$145,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$93,750.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC13\$3,041,448.731.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$222,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$158,400.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$233,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY

BANK2\$716,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION2\$454,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF LOUISIANA2\$349,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF

OHIO1\$176,250.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD8\$1,942,673.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

 $BOSTON2\$516,991.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN \\ BANK6\$1,797,000.000.72\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE \\ BANK8\$2,143,400.000.86\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE \\ COMMUNITY BANK1\$406,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ MERIT MORTGAGE$

CORPORATION7\$1,752,207.110.7%0\$0.00NA0%0.00NA0%0.00NA0%0.00N

INC1\$232,750.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C6\$1,215,436.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$295,297.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA4\$982,385.090.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD2\$546,100.000.22%0\$0.00NA0\$0.

HARTFORD1\$153,000.000.06%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

THE1\$214,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION 3\$685, 180.000.27%0\$0.00 NA0\$0.00 NA0\$0.00

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$152,700.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK4\$1,231,000.000.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC\\ BANK7\$2,418,624.440.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY\\ FEDERAL CREDIT\\ \end{tabular}$

UNION4\$1,129,650.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO2\$305,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & TRUST1\$133,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK2\$707,464.950.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION13\$3,166,764.001.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$325,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU2\$248,400.000.1% INC1\$130,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK SSB1\$288,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$367,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION1\$157,134.610.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$212,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC5\$1,464,100.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT

UNION2\$381,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$151,271.820.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$231,900.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$324,950.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION1\$415,741.890.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON HERITAGE FEDERAL CREDIT

UNION1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT UNION2\$585,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY1\$251,910.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION1\$221,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$320,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISLAND FEDERAL CREDIT UNION2\$516,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND

COMPANY2\$433,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING2\$656,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JUSTICE FEDERAL CREDIT UNION1\$346,400.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION8\$2,403,000.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$134,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST2\$716,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$583,890.030.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT UNION1\$320,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$313,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A16\$5,130,966.002.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$338,974.220.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC9\$3,109,970.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$134,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$324,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION1\$192,253.530.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL BANK1\$415,104.780.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK3\$1,015,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS BANK AND TRUST

CO1\$150,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$274,043.520.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$224,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$146,090.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $INC1\$195,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE\\ BANK4\$755,038.170.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE\\ COMPANY, LLC1\$333,350.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK\\ VALLEY FEDERAL CREDIT$

UNION1\$162,750.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA

MORTGAGE, INC1\$306,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK2\$549,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

 $BANK2\$366,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE\\ BANK1\$171,700.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK,\\ THE3\$756,300.000.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL\\ CREDIT UNION7\$2,046,300.000.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA\\ FEDERAL CREDIT\\$

 $\label{thm:constraint} UNION1\$155,000.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT \\ UNION6\$943,405.000.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, \\ INC5\$1,643,000.000.66\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, \\ INC1\$360,500.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA \\ FEDERAL CREDIT \\ \\$

UNION1\$262,100.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION3\$864,036.610.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC1\$169,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY2\$612,705.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION1\$412,377.960.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$158,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK3\$629,880.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$296,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA OAK

BANK2\$787,150.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ONE UNITED BANK1\$156,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND TRUST1\$323,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$226,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$180,000.000.007\%0\$0.00NA0\0

UNION5\$1,301,933.550.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$348,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$132,091.360.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION 2\$666,900.000.27%0\$0.00NA0%0.00N

TRUST1\$81,100.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$259,608.400.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF JACKSONVILLE1\$243,750.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREVAIL CREDIT UNION2\$355,555.260.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION16\$4,877,200.001.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUBLIC SERVICE EMPLOYEES CREDIT

UNION1\$265,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL

CREDIT UNION1\$189,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$231,643.580.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION2\$366,550.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$378,400.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$167,353.090.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$150,200.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$150,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$224,000.000.009\%0\$0.00NA0\$$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$147,000.000.006\%0\$0.00NA0\0

 $\label{thm:corporation12} Corporation12\$4,069,100.001.63\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB1\$202,500.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$169,600.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$197,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION3\$594,588.980.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$215,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO$

COUNTY1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO2\$148,269.290.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT UNION1\$140,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$439,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIUSLAW BANK1\$155,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION2\$402,647.770.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION2\$354,561.890.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPC CREDIT UNION1\$166,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT UNION7\$1,535,500.000.61%0\$0.00NA0\$0.00

 $BANK2\$189,938.110.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAST. \ MARYS \ CREDIT UNION7\$2,122,196.750.85\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAST. \ PAUL POSTAL EMPLOYEES CREDIT$

 $UNION1\$151,\!050.000.06\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

CORPORATION6\$1,548,300.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC3\$762,568.490.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION1\$162,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST1\$163,800.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN UTAH2\$322,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC7\$1,452,850.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$165,900.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$657,974.860.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY2\$399,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

 $\label{thm:company} COMPANY 1\$256, 500.000.1\%0\$0.00NA0\$0.00N$

BANK2\$550,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION14\$2,889,740.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION1\$162,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE4\$1,189,672.950.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$262,883.260.11\%0\$0.00NA0\$0.$

 $COMPANY1\$360,\!300.000.14\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

DENNISON1\$227,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK5\$1,059,990.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION2\$332,300.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

UNION1\$268,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$784,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$320,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY1\$200,000.000.08%0\$0.00NA0\$0.00N

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$194,000.000.08\%0\$0.00NA0\0

LLC3\$825,817.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION19\$4,309,395.521.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$397,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE

CORPORATION1\$316,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VERITY CREDIT UNION1\$175,300.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION7\$1,319,353.260.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC2\$771,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

BANK2\$504,562.100.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION2\$401,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$167,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$185,700.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION4\$896,130.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION1\$346,702.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION2\$369,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL

FEDERAL CREDIT

UNION5\$1,046,700.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$230,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable203\$54,424,679.7521.7 INTERNET MORTGAGE, INC DBA

AIMLOAN.COM20\$3,947,558.1033.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION4\$1,346,100.0011.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE

COMPANY9\$1,313,675.0011.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION5\$792,006.006.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA2\$506,000.004.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,974,563.4433.45 INTERNET MORTGAGE, INC DBA

AIMLOAN.COM4\$1,055,200.006.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION6\$1,286,274.737.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $COMPANY15\$3,208,005.0019.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY EQUITY, \\ LLC1\$372,500.002.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL \\ ASSOCIATION4\$763,448.004.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, \\ INC2\$582,022.553.58\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK \\ OF OMAHA1\$87,000.000.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLAZA HOME \\ MORTGAGE, \\ \\$

INC1\$263,000.001.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$8,641,776.8253.14%0\$ NATIONAL BANK1\$292,500.002.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM5\$870,000.007.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

CORPORATION 20\$5,899,698.0048.05%0\$0.00NA0\$0

ASSOCIATION 3\$622,500.005.07%0\$0.00 NA0\$0.00 N

CORP1\$175,000.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$3,773,577.9230.72% NATIONAL BANK2\$192,500.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM10\$2,441,800.0010.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION5\$1,299,650.005.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY25\$3,027,515.3812.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION25\$4,354,246.0018.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS CREDIT UNION2\$205,900.000.85%0\$0.00NA0\$0.00

COMPANY3\$514,750.002.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA10\$1,482,478.786.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOCKING VALLEY

BANK1\$81,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C1\$205,933.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP,

INC3\$393,675.121.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$9,419,094.0438.95%0\$ HERITAGE FEDERAL CREDIT

 $UNION1\$148,821.352.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER \\ PUERTO RICO1\$212,719.982.95\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY \\ FIRST CREDIT UNION OF \\ \\$

FLORIDA4\$581,600.008.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$180,000.002.5%0\$0.00NA

 $\label{thm:long} \begin{tabular}{ll} UNION1\$120,044.491.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST NIAGARA BANK, NATIONAL \\ \begin{tabular}{ll} \end{tabular}$

 $ASSOCIATION 2\$636,000.008.83\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK\\ PUERTO RICO5\$634,714.028.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE\\ BANK, NA1\$106,597.001.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE,\\ INC1\$417,000.005.79\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL\\ CREDIT UNION4\$315,025.314.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR\\ MORTGAGE, INC22\$2,527,822.6435.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RBS\\ CITIZENS, NA3\$384,591.455.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK\\ OF PUERTO$

RICO6\$809,279.7411.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 53\$7,200,215.98100%0\$0.00** INTERNET MORTGAGE, INC DBA

AIMLOAN.COM6\$1,104,884.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,104,884.001**0

SANTANDER PUERTO RICO1\$282,334.783.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRAND MORTGAGE

RICO1\$282,334.783.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRAND MORTGAGE GROUP, LLC1\$251,687.483.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL

BANK1\$206,577.112.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC1\$505,215.737.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$219,807.103.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION14\$4,283,434.9160.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

(SAFCU)1\$181,924.862.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$202,017.092.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$401,216.525.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$186,371.762.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$394,855.485.54%0\$0 FEDERAL SAVINGS

BANK3\$787,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB1\$197,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION2\$414,750.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY THE6\$1,630,400.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE FEDERAL CREDIT

UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION1\$264,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $UNION3\$565,202.550.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED\ MORTGAGE$

GROUP, INC1\$290,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO3\$729,953.330.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION4\$1,014,250.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$177,375.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE10\$3,068,911.151.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION7\$1,614,173.800.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., INC1\$417,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE \\ \end{tabular}$

LARIBA1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC6\$1,708,800.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION5\$1,076,156.050.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS1\$300,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$400,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIHOME MORTGAGE

CORPORATION1\$192,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB25\$5,565,300.002.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANDREWS FEDERAL CREDIT

UNION1\$193,062.240.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCHEMPLOYEES CREDIT

UNION5\$1,210,300.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$232,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC1\$350,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$419,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION3\$679,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$225,193.310.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK8\$2,532,245.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL15\$3,305,478.181.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICAN FORK1\$187,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$466,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD2\$460,471.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY3\$627,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$185,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE UNION2\$475,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION1\$191,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT

 $\label{thm:long} UNION15\$3,944,800.001.58\%0\$0.00NA0\$$

 $UNION1\$175,\!800.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN$

FUNDING5\$1,857,825.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK3\$671,600.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK7\$1,721,209.290.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMMUNITY CREDIT

UNION1\$220,190.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP3\$753,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE.

 $LLC1\$263,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$356,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC33\$12,292,500.004.92\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE\\ COMPANY2\$404,600.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE\\ FEDERAL CREDIT$

UNION2\$452,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$180,186.480.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS BANK1\$275,777.880.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK1\$224,688.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK1\$182,600.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$231,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT UNION1\$231,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS COMMUNITY BANK1\$246,385.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC6\$1,754,500.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA1\$262,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$182,250.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

FLORIDA4\$970,500.000.39%0\$0.00NA0\$0.

UNION6\$1,592,100.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$427,750.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF SOUTHERN

CALIFORNIA1\$216,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST2\$476,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY, LTD1\$304,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK5\$1,506,000.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE8\$2,329,000.000.93%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

COMPANY8\$2,074,245.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

 $UNION2\$383,400.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT \\ UNION3\$839,850.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND \\ TRUST COMPANY3\$838,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA E-CENTRAL \\ CREDIT UNION1\$195,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON \\ SAVINGS BANK2\$865,000.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD \\ BANK1\$213,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS \\ CU10\$2,556,500.001.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE \\ COMPANY, INC2\$530,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER \\ FEDERAL CREDIT \\$

 $\label{thm:continuous} \begin{tabular}{l} UNION1\$252,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFARMERS\ AND\ MERCHANTS\ SAVINGS \end{tabular}$

BANK1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$189,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT AND DISCOUNT

BANK1\$206,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK4\$1,083,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK2\$567,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING2\$397,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA5\$1,557,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT

UNION2\$487,391.610.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$227,200.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$323,582.370.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION3\$884,400.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST2\$516,250.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN OF BUCKS

COUNTY1\$275,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$449,154.080.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK5\$1,554,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC2\$400,150.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK6\$1,473,850.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

 $\label{thm:corporation:corpo$

ALASKA2\$571,500.000.23%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

DEERWOOD2\$375,450.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK6\$1,746,395.320.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION1\$345,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO3\$728,743.670.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK2\$560,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$180,000.000.00%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOSTER BANK1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK52\$14,178,812.655.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION19\$4,990,100.002%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$233,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION1\$218,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGIA'S OWN CREDIT UNION1\$207,100.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CREDIT UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK, FSA1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION3\$644,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION3\$792,882.990.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC8\$2,069,150.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$192,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HILLTOP NATIONAL BANK1\$231,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$275,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK2\$441,048.340.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$391,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$1,452,492.930.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO1\$404,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS BANK OF ALBEMARLE SSB1\$280,000.000.11%0\$0.00NA0\$0

UNION2\$492,858.030.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT UNION1\$222,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION2\$590,810.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION2\$381,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$231,610.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK6\$2,014,600.000.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION2\$560,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} $UNION1\$207,200.000.008\%0\$0.00NA0$

INC2\$640,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$433,747.540.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL CREDIT UNION2\$711,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A13\$4,403,450.001.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

INC3\$881,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC3\$950,181.080.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$395,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK5\$988,600.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$201,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$352,172.780.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK1\$293,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$458,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

 $BANK2\$408,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST \\ MORTGAGE, LLC1\$206,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER \\ HOME LOAN, L.L.C1\$204,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS \\ MORTGAGE COMPANY$

INC2\$451,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION3\$825,395.350.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA2\$922,676.030.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION2\$409,768.020.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MICHIGAN TECH EMPLOYEES FEDERAL CREDIT

UNION1\$228,080.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE

 $\label{lem:corps} {\rm CORP3\$840,100.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT \\ {\rm UNION1\$185,900.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES \\ {\rm BANK1\$180,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY \\ {\rm BANK1\$357,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT \\ {\rm UNION1\$272,800.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, \\ {\rm INC3\$874,000.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS \\ {\rm BANK1\$240,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORRILL \& JANES \\ {\rm BANK AND TRUST}$

COMPANY1\$204,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION2\$577,040.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY

 $BANK1\$204,600.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE,\\ LLC1\$176,200.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS\\ FEDERAL CREDIT$

 $\label{thm:condition} UNION3\$848,000.000.34\%0\$0.00NA$

LLC1\$461,946.720.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

 $\label{localization} LLC1\$176,040.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA\\ BANK1\$248,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS\\ BANK2\$570,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTH SHORE BANK,\\ A CO-OPERATIVE$

BANK1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT UNION2\$644,378.530.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK3\$697,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

UNION1\$251,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION2\$549,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OAK BANK1\$229,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$235,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT

UNION1\$330,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION1\$198,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARK BANK1\$197,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION15\$3,844,329.901.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION2\$497,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION2\$397,300.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$182,185.650.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK3\$902,100.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION2\$477,700.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$230,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION8\$2,387,393.610.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUBLIC SERVICE EMPLOYEES CREDIT

 $UNION2\$507,\!500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAREAL\ ESTATE\ MORTGAGE\ NETWORK$

INC3\$936,250.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION11\$2,387,064.160.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK3\$863,900.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION12\$3,517,225.091.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$306,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION4\$1,464,930.940.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$459,250.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$192,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY1\$210,000.000.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE1\$207,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT

UNION2\$374,121.770.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION1\$364,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH FLORIDA EDUCATIONAL FEDERAL CREDIT

UNION1\$179,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT UNION1\$198,500.000.08%0\$0.00NA0\$0.00N

COMPANY2\$440,500.000.18%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION5\$1,467,200.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT

UNION4\$1,452,129.860.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST2\$420,350.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$240,944.420.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$186,673.480.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY2\$551,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$287,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION7\$1,637,357.770.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN WEST MORTGAGE COMPANY

INC1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION3\$575,215.680.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION4\$1,086,356.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$299,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF EAST ASIA (U.S.A.) N.A1\$350,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS BANKING

 $\label{thm:company} COMPANY1\$330,000.000.13\%0\$0.00NA$

 $INDIANAPOLIS1\$417,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK3\$889,658.530.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION2\$415,031.360.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT <math display="block"> \frac{1}{2} \frac{1}{$

UNION1\$208,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$257,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION3\$890,800.470.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK2\$667,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST5\$1,591,800.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF UNION2\$402,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK, N.A2\$636,900.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK6\$1,484,975.250.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

 $LLC1\$300,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUNIVERSITY\ OF\ WISCONSIN\ CREDIT$

UNION23\$5,135,304.672.06%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

UNION1\$194,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY1\$306,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$207,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK2\$395,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION8\$1,752,998.080.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK1\$224,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION3\$594,200.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION1\$415,199.250.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION3\$786,888.150.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$286,170.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB1\$290,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable158\$40,387,741.8016.2%0 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC2\$636,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST MIDAMERICA CREDIT UNION1\$175,625.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$304,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS BANK3\$1,041,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

SSB3\$574,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION3\$724,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK2\$446,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY THE4\$970,160.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

UNION3\$811,200.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION4\$835,121.920.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL2\$410,100.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$201,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO4\$838,850.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION3\$606,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK2\$410,490.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE10\$2,498,884.701%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION4\$830,359.100.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$233,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$196,132.050.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION14\$3,101,783.341.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL1\$357,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B4\$1,114,117.340.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION1\$251,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB22\$4,901,045.081.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$218,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA4\$1,296,203.080.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$181,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION3\$857,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK2\$616,90 FINANCIAL GROUP

INC1\$203,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK9\$2,727,380.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL9\$2,583,144.541.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$565,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION1\$222,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$180,000.000.07%0 BANK1\$359,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$220,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK3\$745,914.790.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$216,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK

BANK1\$386,300.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION23\$6,389,750.002.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETTER BANKS1\$349,619.120.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOSTON FIREFIGHTERS CREDIT

UNION1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING5\$1,876,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$292,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK12\$3,276,666.361.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$

 $UNION2\$375,\!750.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACARDINAL\ FINANCIAL\ COMPANY,\ LIMITED$

PARTNERSHIP2\$503,750.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK2\$594,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC32\$11,545,600.004.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$268,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT UNION2\$369,100.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY2\$648,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK2\$420,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK1\$372,200.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT UNION1\$192,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CIS FINANCIAL SERVICES,

INC1\$330,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$235,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$215,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC6\$2,143,360.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA3\$769,941.450.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$337,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANK -

MISSOULA1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

 $FLORIDA3\$693,000.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACONSUMERS\\ COOPERATIVE CREDIT$

UNION2\$510,600.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$175,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK2\$628,900.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COTTAGE SAVINGS BANK1\$301,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC3\$579,600.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$189,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK3\$640,855.190.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$352,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK2\$445,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE5\$1,605,250.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY5\$1,664,750.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMMUNITY CREDIT

UNION1\$238,100.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION3\$694,310.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$233,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU5\$1,512,539.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION4\$828,400.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$308,550.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$331,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL CREDIT UNION1\$258,750.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$834,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE

BANK2\$379,991.570.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK1\$219,900.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$782,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION3\$836,609.660.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$224,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION2\$433,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST3\$662,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD4\$1,025,264.720.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN OF BUCKS

COUNTY2\$425,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON1\$240,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK4\$1,255,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC1\$192,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK5\$954,300.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE COMMUNITY

BANK1\$284,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION5\$1,047,725.410.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C3\$1,232,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA3\$937,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

THE1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK6\$1,625,120.570.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

LLC1\$185,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$188,872.540.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK3\$640,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH CREDIT UNION1\$233,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK43\$11,444,925.004.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION15\$4,036,250.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK1\$182,700.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$285,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION1\$187,900.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$213,338.870.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS,

LLC3\$838,641.330.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRAFTON SUBURBAN CREDIT UNION1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT SOUTHERN SAVINGS

BANK1\$388,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION2\$491,100.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION1\$258,865.900.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$261,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$285,475.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$186,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

 $INC4\$990,\!650.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD\ UNIVERSITY\ EMPLOYEES\ CREDIT$

UNION1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$181,716.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK3\$1,023,200.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $INC5\$1,126,000.000.45\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEBANC \\ N.A1\$336,565.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT \\ UNION2\$482,400.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI \\ VALLEY CREDIT \\ \\$

UNION2\$389,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI BANK1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK2\$635,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$323,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND

COMPANY1\$230,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION4\$1,407,700.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION2\$464,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST3\$1,169,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY

INC1\$271,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES, INC1\$253,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT

UNION1\$222,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A9\$2,863,500.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC3\$1,051,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$624,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$392,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL

BANK4\$1,016,300.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD

COOPERATIVE BANK1\$221,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$408,347.330.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARSHALL COMMUNITY CREDIT

 $UNION1\$411,\!300.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE \\$

BANK3\$537,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$420,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION4\$966,974.520.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC2\$708,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$181,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$218,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP3\$675,950.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-PENN BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK4\$1,159,303.980.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT UNION2\$594,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION5\$1,075,200.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC4\$1,111,854.490.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK1\$278,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$214,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$214,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION1\$176,700.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOSO.00NA MT. MCKINLEY BANK1\$182,300.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION12\$2,517,838.551.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$218,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST1\$193,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

 $COMPANY1\$216,350.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW ERA\\BANK1\$192,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS\\BANK4\$1,098,000.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTH SHORE BANK,\\A CO-OPERATIVE$

 $BANK1\$400,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORTHERN \ OHIOINVESTMENT$

 $COMPANY1\$254,\!250.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT$

UNION4\$1,142,591.350.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK2\$470,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$245,500.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NRL FEDERAL CREDIT UNION4\$1,094,800.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION1\$201,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND \end{tabular}$

TRUST1\$180,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$240,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT UNION1\$174,236.660.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FINANCIAL CREDIT UNION,

INC1\$216,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION19\$5,258,831.532.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$316,417.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION3\$701,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION2\$688,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION1\$222,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES.

INC1\$404,955.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC2\$420,084.990.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK3\$656,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$442,900.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION8\$1,896,244.290.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION1\$237,000.000.009\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK \\ \end{tabular}$

INC2\$606,379.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT

UNION4\$934,836.330.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK1\$268,000.000.11% MORTGAGE SERVICING

CORPORATION14\$4,228,185.261.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION6\$1,438,740.690.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$180,300.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION3\$636,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$224,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION5\$1,770,701.560.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} \begin{tabular}{l} UNION3\$801,000.000.32\%0\$0.00NA0\0.0

COMPANY2\$564,252.780.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIUSLAW BANK1\$265,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIWELL, INC., DBA CAPITAL MORTGAGE SERVICES OF

$$\label{tem:comparison} \begin{split} \text{TEXAS1\$293,300.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA} & \text{SPACE COAST CREDIT UNION2\$376,772.900.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS \\ \text{BANK1\$189,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. CLAIR COUNTY \\ \text{STATE BANK1\$179,260.550.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS \\ \text{BANK2\$485,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND TRUST COMPANY1\$300,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD \\ \text{MORTGAGE} \end{split}$$

CORPORATION7\$1,908,650.000.76%0\$0.00NA0%0.00NA0%0.00

INC1\$281,354.620.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION5\$1,318,486.660.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK

AND TRUST2\$438,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS2\$373,200.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$233,100.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES2\$412,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$730,028.090.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY2\$565,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

 $\label{thm:company2} COMPANY2\$359,000.000.14\%0\$0.00NA0\$0.00N$

MEXICO1\$293,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION5\$1,331,100.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION4\$870,286.660.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$217,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION2\$719,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$410,000.000.16%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

COMPANY1\$231,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$240,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT

UNION2\$454,605.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MERCHANTS NATIONAL BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF

INDIANAPOLIS2\$584,800.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK2\$509,040.650.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION1\$225,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TLC COMMUNITY CREDIT

UNION1\$224,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$227,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$199,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION2\$386,097.070.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TWINSTAR CREDIT UNION1\$223,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$400,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST4\$1,078,100.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

 $LLC1\$193,\!451.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUNIVERSITY\ OF\ WISCONSIN\ CREDIT$

UNION16\$3,754,608.811.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$198,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA VANDYK MORTGAGE

CORPORATION1\$184,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

UNION2\$417,240.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY5\$1,400,600.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$246,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION1\$325,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE

MORTGAGE CORP1\$246,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$195,145.070.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

 $\label{thm:bound} \begin{tabular}{l} UNION5\$1,137,141.880.45\%0\$0.00NA0\$0.00N$

UNION3\$645,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WILLIAMSVILLE STATE BANK AND

TRUST1\$190,635.050.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION4\$989,700.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$322,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK.

FSB2\$599,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable173\$45,285,136.9518.09% 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$295,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST MIDAMERICA CREDIT UNION1\$198,900.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$178,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 3RD FED BANK2\$473,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS BANK1\$246,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION1\$327,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION1\$215,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE PLUS FEDERAL CREDIT

UNION1\$248,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $UNION4\$882,567.210.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS\\ FINANCIAL3\$747,353.960.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$237,500.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$215,200.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$258,110.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE8\$2,637,734.801.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT$

UNION8\$1,890,058.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$239,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE

 $LARIBA2\$675,\!760.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAAMERICAN FINANCIAL RESOURCES,$

INC2\$434,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION1\$293,128.670.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION13\$2,999,466.741.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS1\$333,420.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION2\$579,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$195,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB13\$3,004,347.501.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION3\$656,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE

CREDIT UNION1\$232,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA2\$450,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASTORIA FEDERAL SAVINGS AND LOAN

ASSOCIATION3\$1,040,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK2\$566, BANK11\$2,850,050.001.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL4\$1,059,100.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL10\$2,404,705.181.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$422,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD4\$928,421.970.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$817,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WHITTIER, NA2\$589,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FUND STAFF FEDERAL CREDIT

UNION1\$196,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$682,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION3\$1,091,854.240.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK1\$200,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT

UNION15\$4,290,850.002.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$177,223.580.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$1,289,950.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK3\$798,800.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS

BANK6\$1,684,876.320.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$235,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC25\$9,191,800.004.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$215,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACENTRAL\ MORTGAGE\ COMPANY5\$1,322,400.000.62\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACENTRAL\ ONE\ FEDERAL\ CREDIT \end{tabular}$

UNION1\$225,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$935,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT UNION1\$314,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$215,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS NATIONAL BANK, BROWNWOOD1\$393,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$221,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC2\$600,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA5\$1,458,651.910.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION2\$434,850.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANK -

MISSOULA1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CREDIT UNION OF

 $LYNN1\$365,\!000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY\ FIRST CREDIT\ UNION\ OF$

FLORIDA2\$568,450.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION1\$203,110.170.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST

BANK1\$366,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC2\$547,500.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK2\$515,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELMAR FINANCIAL COMPANY2\$792,250.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK2\$373,400.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENMARK STATE BANK1\$246,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME

BANK3\$1,057,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$389,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY6\$1,497,400.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$213,700.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$316,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU4\$1,312,500.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY, INC1\$255,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION2\$420,800.000.2%0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$222,136.580.1\%0\$0.00NA0\$0.$

MORTGAGE2\$622,890.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION1\$261,200.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE4\$1,065,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE

BANK2\$416,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT UNION1\$182,200.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN INTERNATIONAL

BANK4\$1,205,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK2\$508,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$322,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$261,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION1\$250,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$177,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD4\$902,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK2\$487,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON1\$210,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT UNION1\$214,052.720.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST GUARANTY MORTGAGE

CORPORATION 1\$182,800.000.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00N

LLC1\$176,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK7\$1,926,013.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION11\$2,576,550.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C2\$576,200.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA3\$757,860.740.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD1\$294,400.000.14%0\$0.00NA0\$0.

 $\label{thm:condition} GILLETTE1\$400,000.000.19\%0\$0.00NA0\0.0

UNION1\$250,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$613,528.110.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK & TRUST1\$224,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$213,763.490.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$213,763.490.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$267,450.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB1\$385,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE BANK1\$195,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE BANK1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & TRUST1\$218,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK56\$15,136,112.927.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION16\$3,828,205.291.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS, LLC1\$260,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION1\$346,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$407,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION2\$414,032.690.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC7\$1,614,500.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$223,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD UNIVERSITY EMPLOYEES CREDIT

 $\label{total content} \begin{tabular}{l} UNION1\$415,181.080.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, \\ INC5\$1,485,000.000.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS \& LOAN COMPANY OF YOUNGSTOWN, \\ \end{tabular}$

OHIO2\$407,485.620.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY1\$351,200.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION1\$194,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION1\$176,300.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$226,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS STATE POLICE FEDERAL CREDIT

 $\label{thm:cons} \begin{tabular}{l} UNION1\$292,647.490.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS\\ BANK2\$539,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY\\ BANK1\$318,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL\\ CREDIT UNION3\$1,004,000.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE\\ FOREST BANK & TRUST1\$195,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE\\ MORTGAGE COMPANY\\ \end{tabular}$

INC1\$270,800.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$179,900.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT UNION1\$185,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A6\$2,011,578.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

INC1\$252,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC5\$1,495,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE

BANK1\$362,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL

BANK6\$1,642,499.790.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK1\$244,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$356,150.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK2\$372,773.190.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$183,205.420.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C1\$263,088.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC3\$948,500.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION2\$539,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS

BANK1\$174,034.560.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$588,315.640.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION3\$780,716.480.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC2\$643,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$239,400.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK2\$571,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC5\$1,421,550.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK2\$430,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION6\$1,658,600.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1\$250,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$214,183.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION4\$1,325,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST1\$205,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$176,000.000.08%0\$0.00NA0%0.

COMPANY3\$669,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY2\$375,453.330.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK1\$199,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

 $\begin{tabular}{l} UNION2\$584,000.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION4\$933,750.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY2\$591,500.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$417,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION2\$512,600.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND \\ \end{tabular}$

TRUST1\$178,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$238,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$379,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$417,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATHWAYS FINANCIAL CREDIT UNION,

INC1\$264,300.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION19\$5,218,395.982.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

CORPORATION2\$522,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLISH NATIONAL CREDIT

UNION1\$189,050.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC3\$707,459.360.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK2\$372,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORTAGE COUNTY BANK1\$189,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

 $\label{thm:condition:con$

CORPORATION1\$296,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION4\$1,290,151.370.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION2\$429,429.950.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$226,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC2\$636,635.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION5\$1,000,569.210.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$276,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIDDELL NATIONAL BANK1\$196,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$237,520.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION6\$1,484,400.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$220,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$184,201.100.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$260,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION3\$1,001,138.280.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} \begin{tabular}{l} UNION2\$493,000.0000.23\%0\$0.00NA0\$0.$

 $\label{eq:mortgage} MORTGAGE 1\$362,\!500.000.17\%0\$0.00NA0\0.0

CORPORATION 3\$775,000.000.37%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

UNION3\$882,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST5\$1,123,000.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY3\$840,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$304,900.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION5\$1,082,300.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION3\$758,200.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$350,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$337,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS

BANK1\$252,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT UNION3\$747,963.590.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS BANKING COMPANY1\$378,342.580.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FARMERS STATE BANK AND TRUST

COMPANY1\$193,000.000.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION2\$386,550.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL B&T OF SYCAMORE1\$236,826.250.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF

INDIANAPOLIS1\$347,750.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK4\$996,269.260.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION3\$797,300.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT

UNION1\$254,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$374,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$176,120.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION4\$846,009.840.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

UNION1\$237,300.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$675,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST1\$408,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND TRUST COMPANY2\$421,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$230,954.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY BANK1\$376,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL BANK FSB1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION11\$2,535,976.541.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$458,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$577,600.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION7\$1,741,187.260.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK2\$434,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION2\$409,880.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION2\$557,336.430.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION3\$626,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION2\$467,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$259,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable118\$31,729,117.8215.0 MIDAMERICA CREDIT

UNION1\$246,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON2\$738,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 3RD FED BANK1\$253,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABACUS FEDERAL SAVINGS BANK2\$492,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

 $UNION5\$1,052,600.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACHIEVA CREDIT \\ UNION1\$360,900.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST \\ UNION1\$360,900.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST \\ UNION1\$360,900.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \\ UNION1\$360,900.000.17\%0\$0.00NA0\0.00

 $COMPANY\ THE 3\$676,800.000.31\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00$

UNION2\$511,200.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE FEDERAL CREDIT UNION1\$355,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION5\$1,348,492.620.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL2\$573,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP,

INC1\$247,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO2\$584,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK4\$928,990.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY

MORTGAGE7\$2,240,637.861.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION4\$1,030,500.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE NORTH1\$249,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS \\ \end{tabular}$

BANK1\$225,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE LARIBA1\$236,688.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC4\$790,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION17\$4,405,378.362.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL1\$184,950.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS2\$631,160.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$270,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK.

F.S.B2\$433,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB16\$3,606,950.001.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA3\$792,419.330.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION2\$565,800.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION3\$831,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$210,00 FINANCIAL GROUP

INC2\$404,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO2\$420,415.420.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK5\$1,283,334.950.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$185,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL7\$1,754,255.290.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$631,300.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD2\$405,900.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY2\$472,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK3\$808,998.130.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT

UNION23\$6,191,750.002.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK2\$439,848.450.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION1\$194,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER

SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$417,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

THE3\$1,070,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY

BANK1\$316,390.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK5\$1,188,478.810.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP2\$461,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE,

LLC1\$268,885.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$183,700.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC27\$8,498,811.713.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$193,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$376,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT

UNION1\$223,281.430.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK2\$664,225.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$237,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$196,999.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$394,280.530.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$176,227.940.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$672,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

 $\label{thm:condition:con$

FLORIDA4\$1,122,900.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$178,200.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION1\$274,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST1\$267,350.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND SECURITY BANK1\$176,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENMARK STATE BANK2\$392,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME BANK2\$527,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DOW CHEMICAL EMPLOYEES CREDIT

UNION1\$176,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE9\$2,899,400.001.33%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $\label{lem:company2} COMPANY2\$464,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$233,500.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY, INC2\$672,000.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT$

UNION3\$653,477.010.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT UNION1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS BANK & CAPITAL TRUST1\$219,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE2\$639,786.980.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY CO-OPERATIVE

 $BANK1\$198,819.950.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY DEPOSIT\\ AND DISCOUNT BANK1\$406,000.000.19\%0\$0.00NA0\$$

BANK2\$610,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING2\$369,400.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$777,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION1\$189,179.510.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION2\$640,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST2\$556,233.880.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

 $LAKEWOOD3\$858,086.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\ FEDERAL\ SAVINGS\ AND\ LOAN\ OF\ BUCKS$

COUNTY1\$254,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK2\$697,000.000.32%0\$0.00NA0

LLC3\$650,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$366,100.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION8\$2,171,100.001%0\$0.00NA0%0.00NA0

ALASKA3\$916,187.670.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF SUFFIELD THE1\$218,655.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $WATERLOO1\$232,050.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST\\ SAVINGS BANK1\$197,500.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLORIDA\\ CREDIT UNION1\$312,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM\\ CREDIT UNION2\$719,000.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD\\ FINANCIAL BANK$

 $SSB1\$194,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFREMONT\\ BANK33\$8,883,979.164.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFULTON BANK,\\ NATIONAL$

ASSOCIATION15\$4,174,451.361.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$207,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGIA'S OWN CREDIT UNION1\$348,473.330.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$174,244.290.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GFI MORTGAGE BANKERS, INC1\$417,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES,

INC1\$216,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GLASS CITY FEDERAL CREDIT UNION1\$214,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS, LLC1\$301,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT LAKES CREDIT UNION1\$383,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$384,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION1\$214,900.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION1\$260,359.360.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION2\$747,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC5\$1,185,496.150.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY2\$435,950.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$199,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$534,100.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC3\$803,400.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION1\$235,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION1\$234,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINI
BANK1\$184,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL
BANK1\$176,925.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS
BANK4\$928,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS
MORTGAGE

 $\label{lem:corporation} CORPORATION1\$200,000.000.009\%0\$0.00NA0\$0.00N$

LLC1\$368,999.620.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND COMPANY1\$175,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING1\$189,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION3\$866,600.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

TRUST4\$1,100,700.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$260,908.740.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A5\$1,533,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC4\$1,425,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$445,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION2\$650,212.160.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$261,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK1\$214,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$201,565.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN, L.L.C1\$213,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER MORTGAGE COMPANY

INC3\$825,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK1\$205,250.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION3\$730,836.010.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$400,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION4\$1,143,935.090.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$224,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$309,200.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$190,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY

BANK1\$186,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT UNION1\$234,560.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI

CREDIT UNION2\$380,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE,

INC4\$1,055,400.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION5\$1,183,900.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY

 $BANK1\$189,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, \\ LLC1\$212,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS \\ FEDERAL CREDIT$

UNION4\$1,195,085.240.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST1\$196,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$204,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK3\$852,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTH SHORE BANK, A CO-OPERATIVE

BANK1\$245,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY2\$570,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION2\$670,075.840.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY5\$1,362,450.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE

BANK1\$238,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION2\$476,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$410,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$244,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$178,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION5\$1,418,500.000.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT \\ \end{tabular}$

UNION10\$2,656,338.271.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$208,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$199,136.330.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION1\$310,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES,

INC1\$360,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLISH NATIONAL CREDIT UNION1\$239,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC3\$574,738.320.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK2\$491,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST2\$440,900.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$310,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$247,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK1\$203,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION10\$2,950,271.211.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$211,200.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION6\$1,252,244.380.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$400,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$240,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

 $UNION1\$257,\!800.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN MORTGAGE$

COMPANY1\$245,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION7\$2,152,600.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION5\$1,044,431.030.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$345,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION2\$593,724.970.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$210,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$187,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY1\$386,345.470.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY3\$634,796.820.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT

UNION1\$177,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION3\$587,019.940.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK1\$193,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE CORPORATION3\$1,001,125.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION5\$1,288,408.920.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT

UNION1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST3\$1,030,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS4\$1,185,000.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN UTAH1\$181,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LAKES1\$336,400.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY2\$387,300.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$341,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION9\$1,934,125.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

 $\label{thm:constraint} UNION1\$278,000.000.13\%0\$0.00NA0\$0.00N$

COMPANY3\$828,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$187,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

DENNISON1\$228,400.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION3\$770,608.750.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF

INDIANAPOLIS2\$617,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK3\$714,869.550.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION3\$644,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT

UNION1\$260,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION1\$267,818.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

 $INC1\$417,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE\ MORTGAGE\ COMPANY 1\$250,250.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK\ FINANCIAL\ CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$803,400.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAU$. ULSTER SAVINGS BANK1\$225,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK4\$1,186,000.000.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST4\$864,000.000.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED NATIONS FEDERAL CREDIT \\ \end{tabular}$

UNION1\$245,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION20\$4,780,396.642.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$202,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UTAH COMMUNITY FEDERAL CREDIT

UNION1\$196,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST COMPANY1\$417,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$365,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$225,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP2\$681,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$176,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION4\$973,137.130.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION2\$553,900.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION5\$1,173,858.600.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$194,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YOLO FEDERAL CREDIT

UNION1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable157\$42,823,797.0519.7
NATIONAL BANK3\$765,100.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN

AIMLOAN.COM33\$8,083,906.006.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION88\$27,788,932.4221.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY8\$1,811,460.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

INTERNET MORTGAGE, INC DBA

COMPANY1\$213,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN BANK1\$247,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC1\$225,422.330.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE.

INC1\$221,772.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable320\$92,597,325.0470.17%

SANTANDER PUERTO

COOPERATIVE

RICO1\$187,993.693.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAMILY FIRST OF NY FEDERAL CREDIT

UNION1\$176,318.343.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION3\$555,828.4010.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$448,967.728.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LONE STAR NATIONAL BANK3\$823,288.5515.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK3\$599,104.6611.38\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR\\ MORTGAGE, INC1\$389,596.467.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED\\ COMMUNITY$

BANK2\$382,827.227.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION3\$588,462.5011.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,111,106.1021.129 SECURITY BANK OF

WASHINGTON4\$874,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK1\$318,631.970.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION2\$599,600.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AKT AMERICAN CAPITAL,

INC2\$704,950.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT UNION2\$477,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP,

INC1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLSOUTH FEDERAL CREDIT UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$202,100.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK5\$1,304,990.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE2\$507,700.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$322,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION8\$2,107,500.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B2\$535,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION1\$213,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA19\$4,880,015.111.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC2\$591,499.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA AVIDIA BANK1\$297,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA BANCO SANTANDER PUERTO

RICO1\$215,085.850.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK9\$2,664,205.381.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST22\$5,866,920.722.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$865,000.000.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER\\ BANK1\$244,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT\\ UNION1\$218,700.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL\\ SAVINGS BANK4\$1,101,500.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE\\ FEDERAL CREDIT\\ \end{tabular}$

UNION1\$270,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES

CREDIT UNION9\$2,087,226.050.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING 4\$1,049,650.000.42%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $THE 2\$553,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE\ MORTGAGE, \\ LLC 1\$480,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON$

BANK1\$221,240.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,

 $INC40\$9,593,800.003.84\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE \ COOKE \ MORTGAGE, LLC2\$623,200.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL \ MORTGAGE$

COMPANY9\$2,093,975.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$865,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

COMPANY5\$1,217,920.020.49%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

MORTGAGE4\$1,019,416.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC10\$2,514,250.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC11\$3,852,573.001.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA2\$446,554.090.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$214,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$176,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELMAR FINANCIAL COMPANY1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY,

INC1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT UNION1\$258,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

MORTGAGE10\$2,679,832.541.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY6\$1,760,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY6\$1,607,060.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU2\$423,821.070.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL ASSOCIATION1\$198,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST2\$421,195.890.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

 $MORTGAGE1\$178,860.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFARMERS\ AND\ MERCHANTS\ SAVINGS$

BANK1\$296,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE6\$1,664,100.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK1\$388,850.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST GUARANTY MORTGAGE

CORPORATION1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK2\$422,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION3\$739,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C11\$2,631,069.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK7\$1,582,323.870.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK1\$560,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$353,482.340.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION6\$1,393,713.380.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE BANK1\$187,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK129\$36,074,445.7714.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION4\$867,068.930.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION2\$426,380.830.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRANITE STATE CREDIT UNION1\$182,026.360.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$197,148.360.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC5\$1,158,069.220.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY5\$1,566,786.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$223,850.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC15\$3,506,700.001.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$210,000.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT UNION4\$772,450.000.31%0\$0.00NA0

UNION2\$480,450.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF

COMMERCE1\$233,000.000.09%0\$0.00NA0\$0

LLC1\$325,100.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION7\$1,788,100.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST2\$557,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC5\$1,597,950.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$408,400.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A11\$3,137,000.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION5\$1,223,002.230.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC13\$3,618,400.001.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$380,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION3\$977,926.950.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK2\$488,100.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA\\BANK3\$853,150.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE\\MORTGAGE$

CORPORATION1\$399,000.000.16%0\$0.00NA

INC2\$491,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$253,942.450.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS

BANK1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION2\$398,149.260.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA3\$1,269,246.820.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION7\$1,419,710.340.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

 $INC3\$709,885.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE\\ BANK1\$200,900.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE,\\ INC6\$2,171,500.000.87\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA,\\ INC2\$495,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER,\\ LLC1\$200,700.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA\\ CREDIT UNION1\$190,400.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL\\ EXCHANGE BANK AND$

TRUST1\$193,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$219,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW MEXICO EDUCATORS FEDERAL CREDIT

UNION1\$211,450.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING1\$198,547.540.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHMARK BANK1\$273,544.770.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION3\$614,600.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0

BANK1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC3\$966,000.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION2\$533,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$450,911.900.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION1\$241,910.830.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK2\$762,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION10\$2,658,135.131.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$182,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$178,117.030.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMARY CAPITAL ADVISORS, LC D/B/A PRIMARY CAPITAL

MORTGAGE1\$175,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

CORPORATION2\$773,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A2\$546,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC2\$444,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$664,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$360,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK2\$536,546.470.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION3\$781,250.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL

CREDIT UNION2\$698,902.870.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$232,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$415,217.280.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO2\$611,901.690.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$377,920.890.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$247,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPIRIT OF ALASKA FEDERAL CREDIT UNION1\$176,873.000.07%0\$0.00NA0\$0.

UNION1\$181,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION 2\$507, 200.000.2%0\$0.00 NA0\$0.00 N

UNION2\$1,007,342.340.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST6\$1,469,750.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES4\$992,300.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$391,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$460,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$177,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

MEXICO2\$633,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUN WEST MORTGAGE COMPANY

 $INC1\$212,388.130.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC\\ MORTGAGE13\$3,907,515.001.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER\\ BANK \& TRUST3\$692,300.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS\\ FEDERAL CREDIT UNION1\$270,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE\\ CALIFORNIA CREDIT\\ \\$

UNION2\$579,678.810.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOPLINE FEDERAL CREDIT UNION1\$212,425.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT

UNION8\$2,205,572.350.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS BANK1\$625,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK7\$1,785,200.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC6\$1,284,500.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$202,132.160.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$680,985.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$568,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE FEDERAL CREDIT

 $\label{thm:condition} UNION1\$214,500.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK4\$846,086.470.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION3\$801,450.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL$

CORP2\$647,300.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC6\$1,747,700.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE, LLP1\$259,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$292,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

STATE EMPLOYEES CREDIT

UNION1\$417,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP4\$866,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION2\$582,284.130.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK,

FSB1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable225\$63,415,467.9225.35%0 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC3\$777,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$180,500.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION3\$672,545.330.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP,

INC3\$716,052.600.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$213,800.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK2\$370,845.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGA GE3\$700.222.430.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE3\$790,222.430.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK & TRUST OF THE

CUMBERLANDS1\$192,888.800.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE

LARIBA1\$250,220.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$625,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION4\$1,080,500.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B2\$494,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION2\$499,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$179,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES, LLC1\$199,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA25\$5,938,505.992.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC2\$425,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO3\$854,929.370.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK5\$1,217,520.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL3\$589,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$807,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST21\$6,048,421.762.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION2\$896,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS

BANK4\$1,004,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NABLACKHAWKCOMMUNITYCREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$175,000.000.008\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\\ CREDIT UNION7\$1,660,450.000.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\\ BOSTON FIREFIGHTERS CREDIT \\ \end{tabular}$

UNION1\$300,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING6\$1,772,500.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

THE1\$253,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK3\$562,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$185,000.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP3\$839,700.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY6\$1,221,975.190.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$209,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK3\$581,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$254,000.000.11%0\$0.00NA0%0.00NA0%0.

MORTGAGE5\$1,116,223.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY STATE BANK1\$218,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$954,300.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC7\$2,349,300.001.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA4\$1,193,310.670.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$189,100.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION1\$179,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC2\$503,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CU CHANNELS, LLC1\$199,742.420.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK1\$185,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC1\$386,100.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DFCU FINANCIAL2\$529,250.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE7\$2,134,000.000.95%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

COMPANY1\$191,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA E-CENTRAL CREDIT UNION1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY,

INC1\$274,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$242,145.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD1\$256,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$305,350.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS BANK, NATIONAL

ASSOCIATION1\$202,554.610.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST1\$372,417.170.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$503,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION1\$217,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS AND MERCHANTS SAVINGS

BANK1\$390,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE5\$1,320,423.310.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK1\$185,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$428,072.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION3\$849,400.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C9\$2,608,870.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GRANT PARK1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK5\$1,294,663.460.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

 $\label{logovalue} LLC1\$190,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT\\ UNION4\$1,013,272.700.45\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKENMUTH\\ CREDIT UNION1\$180,300.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK100\$27,155,484.7912.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK,\\ NATIONAL$

ASSOCIATION8\$2,378,724.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC3\$709,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GILPIN FINANCIAL SERVICES, INC1\$398,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$719,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER SPRINGFIELD CREDIT

UNION1\$178,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC5\$985,791.270.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY2\$367,230.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK5\$1,112,162.090.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$203,200.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK1\$331,920.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$260,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC15\$4,154,450.001.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$215,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION3\$737,788.440.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY3\$699,791.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK1\$265,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JONAH BANK OF WYOMING1\$288,750.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

 $\label{thm:contour} \begin{tabular}{ll} UNION12\$3,257,212.001.45\%0\$0.00NA0\0

INC2\$838,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$436,392.470.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A12\$3,432,000.001.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$234,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION2\$673,400.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC10\$3,929,900.001.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$284,000.000.13%0\$0.00NA

BANK3\$591,200.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES, INC1\$223,200.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK3\$769,436.100.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$473,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$1,090,000.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$184,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$399,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION12\$2,848,606.331.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC2\$566,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$272,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$317,200.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE.

INC5\$1,625,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$189,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$191,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$217,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$454,370.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$218,200.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING1\$198,287.560.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

 $\label{eq:company2} COMPANY2\$383,200.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHMARK\\ BANK1\$192,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL\\ CREDIT UNION1\$215,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST\\ BANK1\$275,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS,\\ INC7\$2,566,000.001.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S\\ CREDIT UNION2\$424,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO\\ CREDIT UNION8\$2,304,445.561.03\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON\\ FEDERAL CREDIT$

UNION2\$456,579.050.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$282,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION9\$1,801,084.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$291,050.380.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$221,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANLIFE, INC1\$269,200.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

UNION2\$499,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION10\$2,204,600.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$232,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

 $\label{thm:company} $$ COMPANY1$186,600.000.08\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA SAFE CREDIT UNION2$666,000.000.3\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA SCOTIABANK OF PUERTO RICO1$367,438.330.16\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA SECURITY FIRST BANK OF NORTH$

DAKOTA1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE2\$741,300.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEVERN SAVINGS BANK FSB1\$220,575.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$218,979.830.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$182,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE, INC1\$231,769.800.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT

UNION4\$2,154,832.430.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST4\$1,075,900.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$997,268.580.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY2\$756,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$1,327,900.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST4\$979,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT UNION1\$434,400.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CITIZENS BANKING COMPANY1\$376,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$192,000.000.009\%0\$0.00NA0\0

 $\label{thm:continuous} UNION7\$1,840,400.000.82\%0\$0.00NA0\0.0

LLC6\$1,300,150.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$501,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

 $\label{thm:cosh} \begin{tabular}{l} UNION1\$290,096.690.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$550,000.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK6\$1,542,951.630.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE \\ \end{tabular}$

 $\label{thm:corporation:corporation:so:corporation$

CORP5\$1,454,230.950.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

 $LLC6\$1,\!748,\!900.000.78\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT$

UNION3\$685,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP4\$917,833.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CENTRAL CREDIT

UNION1\$191,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY

BANK3\$581,800.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION7\$1,766,028.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable189\$52,620 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$267,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK1\$392,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADIRONDACK TRUST COMPANY THE1\$212,826.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

UNION1\$494,800.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $UNION3\$709,\!462.320.34\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.0$

FINANCIAL1\$180,000.000.09%0\$0.00NA0%0.00NA0%0.00NA0%

INC2\$600,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$321,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL

BANK2\$834,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY

MORTGAGE7\$2,150,731.081.04%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

BANK1\$212,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES, INC1\$417,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION3\$705,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$320,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION2\$500,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES,

LLC2\$821,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA12\$3,079,951.601.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$232,000.000.119 FINANCIAL GROUP

INC1\$358,460.960.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO1\$250,692.520.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK8\$2,138,902.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$644,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF LANCASTER1\$184,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$370,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST21\$6,286,922.683.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION6\$2,081,599.251%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$521,400.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION3\$731,750.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK5\$1,239,000.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION3\$788,133.500.38%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION1\$258,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING8\$2,571,765.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

 $THE2\$505,000.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS \\ BANK2\$448,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS \\ SAVINGS BANK1\$250,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL \\ FINANCIAL COMPANY, LIMITED \\$

PARTNERSHIP4\$955,850.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC20\$5,714,200.002.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC2\$672,200.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$350,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY9\$2,391,040.301.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$493,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTREBANK1\$235,200.000.11% MORTGAGE COMPANY, D/B/A CENTURY

LENDING1\$383,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHEMICAL BANK1\$228,095.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY3\$1,037,023.120.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK1\$380,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE2\$455,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC7\$2,151,100.001.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA1\$310,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$235,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

 $\label{localization} LLC2\$814,600.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK1\$212,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$188,800.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC1\$253,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT$

UNION1\$296,400.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DFCU FINANCIAL5\$1,391,800.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK1\$395,302.780.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE8\$2,560,500.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY3\$899,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$251,421.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$350,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU1\$250,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD1\$377,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST2\$773,017.380.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

 $\label{thm:credit} MORTGAGE4\$1,358,250.000.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F\&A FEDERAL CREDIT UNION1\$407,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$216,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE6\$1,946,100.000.94\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CHOICE BANK1\$191,165.700.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$350,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK1\$275,500.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$721,050.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK3\$697,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST$

MERIT MORTGAGE

CORPORATION5\$1,248,193.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $L.L.C6\$2,177,600.001.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK6\$1,672,741.030.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK82\$23,462,683.7111.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL$

ASSOCIATION1\$254,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$400,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK3\$628,800.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION1\$350,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC6\$1,452,900.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY5\$1,686,042.380.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$417,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC1\$288,700.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC5\$1,382,700.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION5\$1,601,995.470.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$481,613.030.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERAMERICAN BANK, A FEDERAL SAVINGS

BANK1\$195,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$325,700.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK3\$940,000.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ISB COMMUNITY BANK1\$250,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$364,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION2\$418,668.260.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST2\$375,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES, INC2\$429,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$228,000.000.011\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, \\ N.A15\$3,918,950.001.89\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE \\ COMPANY INC7\$2,095,500.001.01\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE \\ FINANCIAL \end{tabular}$

CORPORATION 3\$660, 300.000.32%0\$0.00NA0\$0.00

CORPORATION1\$347,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK,

FSB1\$306,683.270.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION2\$522,822.710.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOGAN FINANCE CORPORATION1\$221,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$210,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES, INC2\$1,044,950.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA

BANK2\$607,400.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$220,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$887,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$193,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION2\$530,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION8\$2,205,880.501.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

 $INC1\$294,\!375.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MID-HUDSON \ VALLEY \ FEDERAL \ CREDIT$

UNION1\$205,227.630.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT UNION1\$187,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE.

INC4\$1,226,000.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$300,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION1\$250,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$462,250.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY3\$876,800.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION1\$237,300.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

BANK1\$180,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC6\$1,936,000.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION1\$226,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND

TRUST1\$243,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK3\$681,200.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$417,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION4\$1,124,805.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION4\$1,325,034.070.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

 $UNION1\$178,\!334.330.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE \\$

CORPORATION7\$1,874,350.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES,

INC1\$230,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$288,226.800.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$181,260.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION1\$190,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$183,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC4\$1,490,500.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$286,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK4\$1,126,350.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROLLSTONE BANK & TRUST1\$312,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

 $\label{lem:corporation} CORPORATION6\$1,689,990.000.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION3\$885,500.000.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$200,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$330,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT UNION1\$215,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$286,500.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO$

COUNTY1\$264,914.160.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEVERN SAVINGS BANK FSB2\$821,400.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SFMC L.P1\$217,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$243,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL

CORPORATION 1\$308,000.000.15%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

CORPORATION1\$186,100.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$400,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST2\$442,400.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$655,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$176,500.000.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

INC1\$336,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION1\$270,300.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$1,193,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST3\$804,900.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE1\$221,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MONEY SOURCE, INC1\$250,933.500.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION5\$1,416,612.320.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$281,590.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK9\$2,740,500.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES.

LLC3\$902,740.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$423,550.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK2\$485,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK3\$685,088.260.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION1\$334,400.000.16%0\$0.00NA0\$0.00N

CORP3\$981,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC5\$1,316,325.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$198,750.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP5\$1,501,400.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTBURY BANK1\$178,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION1\$383,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FSB1\$400,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable159\$45,757,189.3622.11% NATIONAL BANK OF

OMAHA1\$182,266.9010.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,576,166.7189.63

NATIONAL BANK1\$231,800.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM15\$3,893,683.003.15%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION115\$32,580,378.0626.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY18\$4,298,641.003.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY EQUITY, LLC1\$214,099.250.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL ASSOCIATION39\$10,849,793.008.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY4\$1,558,025.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

OMAHA38\$9,302,480.757.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC1\$311,998.950.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK3\$784,969.210.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE

BANK2\$670,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE,

INC5\$1,243,300.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable203\$57,590,340.9146.63 USA FEDERAL CREDIT

UNION1\$199,920.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$228,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC1\$185,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$174,308.150.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST3\$1,124,397.874.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$200,800.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING1\$260,000.000.97%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

THE1\$356,000.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC12\$2,957,900.0010.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC1\$303,000.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$238,000.000.88%0\$0.00NA0%0.00NA0%0.00NA0%0.

MORTGAGE2\$429,680.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY1\$231,000.000.86%0\$0.00NA0\$0.

MORTGAGE1\$176,250.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF CHARLESTON,

SC1\$293,000.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE CORPORATION1\$209,000.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK1\$267,000.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION 2\$917,500.003.41%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

BANK1\$200,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$195,000.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$234,999.990.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$272,000.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC1\$192,393.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$559,000.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A3\$978,850.003.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION2\$461,250.001.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC2\$680,000.002.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA2\$622,777.862.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$417,000.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$260,000.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION2\$384,000.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$294,000.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$272,500.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION1\$212,500.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$272,000.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A2\$428,500.001.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$183,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$295,000.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAHARA MORTGAGE1\$214,550.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SANTA CLARA COUNTY FEDERAL CREDIT

UNION1\$255,000.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY1\$181,252.850.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

DAKOTA1\$216,000.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$225,000.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA

BANK1\$210,000.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$192,308.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY1\$177,000.000.66%0\$0.00NA0\$0.00

LLC1\$188,400.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION1\$342,000.001.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$7,783,647 INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$217,500.0011.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION2\$437,539.9022.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY1\$283,000.0014.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,011,336.075 FEDERAL CREDIT

UNION3\$646,496.4150.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER

BANK1\$187,423.4214.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$438,654.0034.47%0 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$395,250.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN, SSB3\$642,500.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

 $UNION1\$247,\!300.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE\ PLUS\ FEDERAL\ CREDIT$

UNION1\$166,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEROSPACE FEDERAL

CREDIT UNION1\$165,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION3\$421,050.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO2\$519,600.730.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$322,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$173,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION9\$2,008,912.090.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK TRUST CO., INC3\$578,800.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH1\$223,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN EAGLE FEDERAL CREDIT

UNION6\$1,193,578.760.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS

BANK6\$1,011,807.540.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC2\$492,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION4\$858,339.120.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, WICHITA

FALLS1\$179,160.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION3\$857,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$250,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION1\$248,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB28\$5,259,884.131.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION2\$397,000.000.15\%0\$0.00NA0\0.0

 $\label{thm:bound} \begin{tabular}{l} UNION1\$215,681.790.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAASTORIA FEDERAL SAVINGS AND LOAN \\ \begin{tabular}{l} EDGRAL & ED$

ASSOCIATION1\$342,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK2\$497,00 SANTANDER PUERTO

RICO1\$62,900.850.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK7\$1,776,425.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FIRST NATIONAL1\$168,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$204,393.050.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF ABBEVILLE AND TRUST

CO1\$302,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$205,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF LANCASTER1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$199,705.360.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY3\$547,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION3\$861,234.800.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION3\$773,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION12\$3,934,350.001.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT

UNION5\$1,077,350.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CREDIT UNION1\$103,300.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING6\$1,913,500.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK2\$421,100.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK3\$1,073,468.920.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARNEGIE MORTGAGE,

LLC1\$330,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$114,400.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC63\$20,295,136.437.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CBC FEDERAL CREDIT UNION1\$224,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK ILLINOIS1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK OF PROVO2\$370,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY3\$818,200.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK1\$370,815.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHELSEA GROTON BANK1\$190,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CIMARRON MORTGAGE

COMPANY1\$252,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT UNION3\$765,637.600.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK OF NORTHERN

KENTUCKY3\$886,543.200.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK2\$691,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

UNION6\$1,859,315.890.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC5\$1,391,200.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA CREDIT UNION1\$283,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$256,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

 $FLORIDA1\$417,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACCOMMUNITY\\ SAVINGS BANK1\$107,500.000.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACCEDIT\\ UNION MORTGAGE SERVICES,$

INC2\$565,650.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO1\$153,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEDHAM INSTITUTION FOR

SAVINGS1\$347,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADELTA COMMUNITY CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION2\$536,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE\\ BANK3\$683,415.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS\\ FEDERAL CREDIT UNION1\$390,723.530.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI\\ MORTGAGE COMPANY. \end{tabular}$

LTD4\$800,910.290.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME

 $BANK6\$1,616,000.000.61\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADRAPER\ AND\ KRAMER\ MORTGAGE\ CORP.\ D/B/A\ 1ST\ ADVANTAGE$

MORTGAGE4\$1,431,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY6\$1,479,575.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION6\$1,197,300.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$75,376.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS

CU23\$6,215,590.642.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMIGRANT MORTGAGE COMPANY, INC1\$125,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION1\$115,026.490.04%0\$0.00NA

UNION3\$374,920.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL CREDIT UNION1\$247,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK

MORTGAGE2\$622,180.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PLUS FEDERAL CREDIT

UNION1\$110,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRELANDS FEDERAL CREDIT UNION1\$132,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING4\$665,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK RICHMOND, NA2\$229,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CENTURY BANK1\$304,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC11\$3,200,234.171.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$159,460.510.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMONWEALTH FEDERAL CREDIT

UNION1\$249,606.560.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$216,280.910.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ENTERTAINMENT CREDIT

UNION4\$1,347,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF LOUISIANA1\$163,000.000.06%0\$0.00NA0\$

MIDWEST1\$150,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF CHARLESTON,

SC1\$320,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD7\$1,542,993.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN OF BUCKS

COUNTY1\$377,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON2\$468,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CREDIT UNION3\$423,497.540.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK5\$1,896,000.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK3\$1,055,150.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION12\$2,389,509.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C1\$320,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD1\$215,555.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

 $\label{eq:gillette2} GILLETTE2\$509,\!500.000.19\%0\$0.00NA0\%0.0$

THE 2\$596,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF WATERLOO 2\$429,075.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION3\$743,550.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$558,532.100.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC

BANK12\$3,638,072.501.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $UNION4\$1,276,450.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \ UNITED \\ BANK1\$325,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \ UNITED BANK \& TRUST1\$132,500.000.05\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO \\ RICO6\$1,097,105.740.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS \\ BANK1\$154,000.000.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT \\ BANK4\$1,291,331.320.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL$

ASSOCIATION11\$3,464,295.671.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION1\$326,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU3\$714,810.000.276 CREDIT UNION1\$56,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK SSB1\$189,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION2\$369,050.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GROW FINANCIAL FEDERAL CREDIT

UNION2\$511,641.910.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$285,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$196,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC8\$2,087,172.470.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$250,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD UNIVERSITY EMPLOYEES CREDIT

UNION3\$952,800.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HAWAII NATIONAL BANK1\$313,516.540.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION1\$182,750.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERSHEY STATE BANK1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION4\$878,749.980.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$214,475.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS BANK2\$472,420.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$437,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS BANK OF ALBEMARLE

SSB2\$441,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$272,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT UNION2\$360,750.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

 $COMPANY2\$388,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO \ CENTRAL \ CREDIT$

 $\label{thm:condition} \begin{tabular}{l} UNION3\$564,755.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$304,500.000.11\%0\$0.00NA0\0

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$486,300.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION5\$1,499,100.000.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST3\$915,000.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES, \end{tabular}$

INC3\$1,060,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$457,365.240.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL

CREDIT UNION2\$434,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC6\$2,128,000.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK FOR SAVINGS1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT UNION1\$309,043.960.12%0\$0.00NA0\$0

UNION1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$262,444.930.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MECHANICS SAVINGS BANK1\$162,759.860.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC2\$447,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$341,050.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK2\$308,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION2\$610,297.540.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$97,716.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$248,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$200,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$297,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK1\$236,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK3\$625,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE2\$435,348.500.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

UNION4\$1,102,800.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL CREDIT UNION1\$191,200.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION4\$610,050.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC5\$1,806,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$405,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$237,500.000.009\%0\$0.00NA0\$$

TRUST1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS,

LLC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW BRITAIN MORTGAGE,

LLC2\$431,540.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST PLUS CREDIT UNION2\$717,991.590.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK1\$224,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NOTRE DAME FEDERAL CREDIT

UNION1\$196,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION1\$400,800.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OAK BANK2\$551,750.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC1\$292,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPPORTUNITIES CREDIT UNION1\$297,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND

TRUST3\$489,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION1\$332,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAPER CITY SAVINGS ASSOCIATION1\$134,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARK BANK1\$132,000.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION1\$190,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$120,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION10\$2,892,821.771.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$336,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION 2\$529,000.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

CORPORATION2\$460,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER CREDIT UNION3\$499,400.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC7\$1,035,176.650.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT

UNION2\$295,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST3\$606,338.730.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION2\$478,950.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREVAIL CREDIT UNION2\$516,129.490.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION18\$5,497,100.002.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUALSTAR CREDIT UNION18\$5,497,100.002.06%0\$0.00NA

UNION1\$306,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RANDOLPH-BROOKS FEDERAL CREDIT

UNION2\$593,265.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$316,850.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION3\$630,448.850.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$582,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC2\$591,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$231,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION 4\$754,100.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN MORTGAGE

COMPANY1\$132,050.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK1\$230,000.000 MORTGAGE SERVICING

CORPORATION16\$5,496,450.002.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$457,259.860.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT UNION1\$295,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT

UNION2\$486,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASCHOOLSFIRSTFEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$397,500.000.15\%0\$0.00NA0\$0.$

 ${\tt DAKOTA1\$340,100.000.13\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%$

MORTGAGE1\$301,392.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHELL FEDERAL CREDIT UNION1\$307,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT UNION2\$360,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIR FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$339,500.000.13\%0\$0.00NA0\$0.$

TEXAS3\$714,450.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION1\$204,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$282,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT UNION8\$1,860,400.000.7%0\$0.00NA0\$0

 $UNION1\$175,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTANDARD\ BANK\ AND\ TRUST$

COMPANY1\$213,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION11\$2,992,527.681.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$310,454.640.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN5\$853,805.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF NEW PRAGUE2\$429,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC9\$2,286,974.540.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$161,600.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION24\$4,657,205.001.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION3\$636,715.530.24\%0\$0.00NA0\0

UNION1\$64,803.890.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION9\$2,307,500.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TELCOM CREDIT UNION1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT

UNION3\$809,630.480.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE MERCHANTS NATIONAL BANK1\$280,250.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL B&T OF

SYCAMORE1\$159,300.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF INDIANAPOLIS1\$400,400.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK4\$1,075,672.790.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK2\$385,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIB-THE INDEPENDENT BANKERSBANK1\$113,500.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRISTAR BANK2\$457,900.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$656,750.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK OF UNION2\$351,750.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK3\$495,975.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY.

LLC1\$143,826.380.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION20\$4,169,915.271.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$513,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST

 $COMPANY2\$350,\!500.000.13\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

UNION6\$1,082,878.220.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP4\$941,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC3\$1,077,145.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

BANK1\$310,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$196,800.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERRA CREDIT UNION1\$193,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B1\$160,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE CORPORATION2\$208,965.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION2\$487,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINGS FINANCIAL FEDERAL CREDIT

UNION8\$1,806,200.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$168,000.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON FEDERAL BANK,

FSB2\$575,506.180.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable202\$52,019,139.3119.51% FINANCIAL1\$316,178.673.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA1\$266,167.573.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$163,455.741.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK8\$3,133,472.3036.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOCKHEED FEDERAL CREDIT

 $UNION3\$881,792.3510.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU \ EDUCATORS \ FEDERAL CREDIT$

UNION1\$377,319.544.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$214,075.262.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$3,299,794.3938.149NATIONAL

BANK3\$1,042,000.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM58\$14,084,031.0010.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION142\$47,784,035.2736.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY44\$11,844,303.008.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL

ASSOCIATION6\$1,991,750.001.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHINATRUST BANK (U.S.A.)1\$200,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY1\$204,697.990.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY2\$424,750.000.32%0\$0.00NA0%0.00NA0%0.

BANK2\$525,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC12\$3,205,380.002.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK1\$406,650.040.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE, INC6\$1,984,593.001.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP.

INC2\$507,234.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable177\$47,711,806.4636.1%0 FINANCIAL SERVICES,

LLC1\$256,000.002.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK,

NA1\$180,000.001.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK2\$366,200.003.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST1\$341,833.833.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$312,000.003.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$307,000.003.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC3\$782,700.007.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY2\$463,038.044.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$388,000.003.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC1\$217,000.002.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$185,000.001.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION1\$401,000.004.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$381,900.003.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION1\$280,400.002.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION1\$189,000.001.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT UNION1\$213,000.002.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IH MISSISSIPPI VALLEY CREDIT

UNION1\$228,000.002.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

 $COMPANY1\$276,000.002.79\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE \ AND FIREFEDERAL CREDIT$

UNION1\$230,000.002.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$208,000.002.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$388,000.003.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL

BANK1\$360,000.003.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,946,428.1129.75% 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC2\$454,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON2\$780,600.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION1\$360,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS BANK5\$1,705,097.900.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$202,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION5\$1,191,400.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL1\$249,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$207,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION2\$557,364.490.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE LARIBA1\$297,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$388,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION9\$2,927,246.381.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK.

F.S.B1\$289,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK

FSB2\$390,900.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$260,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARKANSAS FEDERAL CREDIT UNION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA20\$5,081,719.991.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC1\$380,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK8\$1,950,600.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$255,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$399,920.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST15\$4,311,216.051.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION4\$1,036,685.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION2\$489,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$225,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK1\$240,881.140.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$189,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION5\$1,416,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$185,000.000.007\%0\$0.00NA0\$$

FUNDING9\$2,791,013.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$204,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK2\$462,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$218,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

PARTNERSHIP3\$777,000.000.3%0\$0.00NA0%0.00NA0

 $\label{loop} LLC1\$252,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$242,200.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC34\$11,561,524.714.51\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE,\\ \end{aligned}$

LLC2\$822,800.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$194,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT UNION1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE

COMPANY3\$835,714.790.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE FEDERAL CREDIT

UNION2\$544,282.170.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK2\$538,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK1\$206,975.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$390,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT UNION2\$559,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK1\$251,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$873,180.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT

UNION1\$258,750.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA COBALT MORTGAGE, INC14\$4,833,100.001.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NA COMMUNITY MORTGAGE FUNDING,

 $\label{localization} LLC2\$729,000.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST\\ BANK2\$489,500.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF\\ COLORADO1\$255,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE,\\ INC2\$609,400.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE\\ BANK3\$928,000.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS\\ FEDERAL CREDIT\\ \end{tabular}$

UNION2\$483,507.210.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIME

 $BANK2\$580,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER \ AND \ KRAMER \ MORTGAGE \ CORP. \ D/B/A \ 1ST \ ADVANTAGE$

MORTGAGE2\$713,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY5\$1,472,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

 $\label{thm:company} COMPANY4\$1,059,401.000.41\%0\$0.00NA0\0.00

MORTGAGE1\$362,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS & MERCHANTS BANK1\$188,649.230.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK

MORTGAGE12\$4,186,833.231.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT

UNION1\$264,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC2\$700,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA5\$1,195,800.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CLOVER LEAF BANK1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

 $UNION1\$193,\!600.000.08\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

 $\label{thm:constraint} \mbox{UNION2\$915,500.000.36\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0$

LAKEWOOD2\$795,850.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK2\$1,056,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC2\$432,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$556,391.250.22%0\$0.00NA0\$0.0

CORPORATION 2\$425,592.000.17%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

 $L.L.C9\$2,\!519,\!848.000.98\%0\$0.00NA0$

ALASKA1\$223,568.300.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST

COMPANY1\$415,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$1,296,520.390.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK1\$275,595.190.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION1\$517,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION13\$3,802,050.001.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$230,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOSTER BANK1\$213,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK52\$14,272,514.645.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION9\$2,709,500.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK2\$695,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GENISYS CREDIT UNION1\$333,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC3\$889,400.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$221,443.140.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$600,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$288,900.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY TRUST CORPORATION1\$249,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY4\$1,358,120.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$337,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$382,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$329,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION1\$456,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY4\$1,016,697.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK4\$1,905,920.230.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION2\$424,265.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JUSTICE FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$272,000.000.011\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION9\$3,451,188.911.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KIRTLAND FEDERAL CREDIT \\ \end{tabular}$

UNION1\$231,900.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$230,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$502,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION3\$617,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT UNION2\$433,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A9\$3,230,250.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

INC4\$1,173,900.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC21\$7,127,719.002.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK1\$222,863.700.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK4\$1,235,146.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS BANK AND TRUST

CO1\$192,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARBLEHEAD BANK1\$395,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION 2\$767,700.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

BANK1\$258,900.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$446,750.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS

PLUS CREDIT

UNION1\$328,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$256,940.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$968,750.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$204,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST LOAN SERVICES

INC1\$223,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT UNION1\$186,210.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC3\$829,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$192,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION4\$802,320.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

N.A5\$1,465,757.550.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND TRUST1\$258,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$176,125.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION4\$1,204,178.170.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$266,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT

UNION2\$735,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK1\$245,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK2\$493,444.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

 $\label{thm:community} \begin{tabular}{ll} UNION2\$896,350.000.35\%0\$0.00NA0\$0.$

UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$400,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET CREDIT UNION1\$242,250.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$181,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION3\$926,603.970.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$239,925.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION9\$2,486,895.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$414,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION3\$727,670.200.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF

JACKSONVILLE1\$204,800.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT

CREDIT UNION1\$294,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$220,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION3\$738,200.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$265,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$209,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $UNION1\$301,\!750.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING$

CORPORATION7\$1,924,200.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK2\$453,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION5\$1,382,241.430.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$311,550.460.12%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION8\$2,234,350.000.87%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

 $\label{eq:mortgage2} MORTGAGE2\$553,264.000.22\%0\$0.00NA0\0.00

INC1\$276,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$312,300.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO3\$970,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$178,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$1,580,265.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF EAST ASIA (U.S.A.) N.A1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $UNION2\$716,894.370.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE\ FIRST\ NATIONAL\ BANK\ IN\ AMBOY1\$175,000.000.07\%0\$0.00NA0\0.00

INDIANAPOLIS1\$274,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK4\$845,800.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION3\$799,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

INC1\$190,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE CITY STATE BANK1\$191,450.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$360,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION1\$257,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK9\$2,557,200.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK1\$236,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$657,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC2\$516,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION2\$386,108.280.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC6\$1,783,596.710.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION1\$179,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$205,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE FEDERAL CREDIT

UNION1\$317,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK3\$564,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VENTURE BANK2\$677,960.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP6\$1,550,200.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC11\$3,669,000.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

 $BANK1\$449,857.900.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

UNION1\$243,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$409,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAYNE

BANK1\$286,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION2\$637,350.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION1\$200,250.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION1\$215,920.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$254,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable235\$69,602,109.2127.15 MIDAMERICA CREDIT

UNION1\$208,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$385,600.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABBEVILLE BUILDING AND LOAN,

SSB1\$203,397.970.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION1\$228,150.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION1\$332,100.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION3\$722,315.300.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION3\$761,586.420.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$254,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS BANK1\$272,398.110.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$400,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

UNION2\$447,494.970.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION5\$1,371,600.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B1\$200,000.008.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION2\$485,700.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$199,500.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION2\$459,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $CREDIT\ UNION1\$177,600.000.07\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.0$

NA18\$4,598,134.441.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK4\$865,600.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$246,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$784,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF LANCASTER1\$249,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST10\$2,941,947.821.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION2\$574,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION4\$1,074,325.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY FEDERAL CREDIT UNION1\$304,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION2\$535,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS

BANK1\$184,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION5\$1,240,950.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING9\$2,392,200.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE2\$740,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK2\$491,000.000.19%0\$0.00NA0\$0.0

 $PARTNERSHIP1\$199,325.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$252,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC49\$14,825,609.255.86\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE, LLC2\$594,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CBC\\ FEDERAL CREDIT$

UNION1\$265,816.430.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$183,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

UNION1\$210,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY5\$1,359,540.230.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK1\$412,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHERRY CREEK MORTGAGE

 $\label{tempower} COMPANY1\$415,\!233.110.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$$

BANK1\$206,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$207,700.310.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK2\$642,190.280.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC6\$1,926,100.000.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION2\$513,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,

INC14\$3,773,310.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$206,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION1\$381,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC2\$599,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF the contraction of the contracti

SOUTHERN

CALIFORNIA2\$466,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE

CORPORATION1\$195,382.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$481,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT

UNION1\$304,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION1\$397,364.020.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DHI MORTGAGE COMPANY,

LTD1\$260,014.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE4\$962,100.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY4\$1,369,710.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION2\$465,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$618,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

 $\label{thm:company} COMPANY1\$414,750.000.16\%0\$0.00NA$

MORTGAGE3\$788,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FALL RIVER MUNICIPAL CREDIT

UNION1\$185,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE9\$2,559,950.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT

 $UNION1\$344,\!513.900.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK \& TRUST COMPANY OF$

SC2\$528,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

 $LAKEWOOD2\$611,\!518.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK3\$841,\!200.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK5\$1,\!322,\!500.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE$

CORPORATION1\$264,500.000.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $L.L.C3\$743,645.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFRST\ MORTGAGE\ CORPORATION1\$230,210.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFRST\ NATIONAL\ BANK$

ALASKA2\$509,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$370,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

WATERLOO1\$189,300.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK6\$1,661,650.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK2\$1,204,156.850.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

LLC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION16\$4,818,750.001.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED

BANK & TRUST1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK3\$887,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK53\$16,375,626.176.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION19\$5,715,571.442.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK3\$912,400.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

 $CORPORATION1\$198,300.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP,\\INC2\$496,940.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS\\BANK1\$250,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN\\BANK2\$431,500.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA\\MORTGAGE$

SERVICES1\$344,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION2\$534,100.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC1\$359,515.070.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY1\$265,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD UNIVERSITY EMPLOYEES CREDIT

 $\begin{tabular}{l} UNION2\$504,700.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND \\ BANK4\$982,800.000.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOLYOKE CREDIT \\ UNION1\$259,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL \\ BANK1\$180,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, \\ INC5\$1,308,000.000.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, \\ INC1\$215,920.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL \\ BANK THE2\$448,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK \\ MORTGAGE \\ \end{tabular}$

COMPANY2\$389,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT UNION2\$598,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK7\$2,178,100.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION1\$245,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JUSTICE FEDERAL CREDIT

 $\begin{tabular}{l} UNION1$282,000.000.11\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA KINECTA FEDERAL CREDIT UNION9$3,614,400.001.43\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA KIRTLAND FEDERAL CREDIT UNION1$250,240.000.1<math>\%$ 0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK2\$515,489.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST2\$822,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$1,157,300.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION5\$1,325,032.840.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL CREDIT UNION1\$232,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A5\$2,090,500.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

INC3\$831,800.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC14\$5,204,360.002.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK2\$475,693.940.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$359,477.130.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK2\$404,477.550.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$380,500.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK1\$340,550.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION2\$451,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC2\$612,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION2\$369,478.660.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$1,042,700.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION1\$227,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$344,691.760.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$409,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$252,250.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

UNION3\$845,339.860.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$582,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING CORPORATION1\$376,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE MANAGEMENT CONSULTANTS

INC1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION2\$620,300.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$294,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND TRUST1\$355,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW BRITAIN MORTGAGE,

LLC1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWTOWN SAVINGS BANK1\$500,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$616,500.000.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN\\ MORTGAGE COMPANY1\$200,000.000.08\%0\$0.00NA0\0

 $BANK2\$707,700.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS,\\ INC6\$2,682,950.001.06\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S\\ CREDIT UNION1\$375,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE\\ STATE BANK1\$304,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAWTUCKET\\ CREDIT UNION1$\text{CREDIT} \text{CREDIT} \text{CR$

UNION1\$218,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$182,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION6\$1,775,004.630.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$309,368.640.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION14\$4,376,070.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$342,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

UNION1\$414,415.260.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK2\$404,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

 $UNION1\$496,\!500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RAYNE BUILDING AND LOAN \\$

ASSOCIATION1\$226,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $BANK2\$436,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START\\ MORTGAGE, INC1\$254,250.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK\\ COMMUNITY CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$177,000.000.007\%0\$0.00NA0\0

LOAN1\$248,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA ROUNDBANK1\$282,000.000.11%0 MORTGAGE SERVICING

CORPORATION3\$648,803.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION1\$187,723.030.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALAL CREDIT UNION1\$399,423.670.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION6\$1,744,699.820.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY2\$786,830.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $COUNTY1\$251,\!250.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST$

COMPANY1\$323,033.890.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION10\$2,909,600.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$500,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT

UNION1\$177,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE CORPORATION1\$265,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS CREDIT UNION1\$190,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

 $CORPORATION1\$281,\!600.000.11\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00N$

UNION2\$522,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$217,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$406,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$491,300.590.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY2\$452,725.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA2\$514,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE6\$1,807,510.000.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT

 $\label{thm:company} \begin{tabular}{l} UNION1\$407,000.000.16\%0\$0.00NA0\$0.00N$

UNION1\$306,850.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF INDIANAPOLIS2\$750,600.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$314,500.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK4\$1,156,600.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TINKER FEDERAL CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION3\$901,152.550.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWN & COUNTRY BANC MORTGAGE SERVICES,

 $INC1\$203,400.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA\\BANK5\$1,273,650.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK AND\\TRUST COMPANY1\$205,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED\\SHORE FINANCIAL SERVICES,$

LLC1\$199,750.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$621,900.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION1\$244,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$184,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK10\$2,630,600.001.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC9\$2,921,270.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$384,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION3\$804,200.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION5\$1,613,600.900.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$237,500.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION2\$559,825.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WINTER HILL BANK, FSB1\$402,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION2\$488,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YOLO FEDERAL CREDIT \$CREDIT\$

UNION1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable226\$68,345,174.3127.0 MIDAMERICA CREDIT

UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 1ST SECURITY BANK OF WASHINGTON1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA 3RD FED BANK2\$472,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK4\$1,252,463.910.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT

 $UNION1\$342,\!560.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT$

UNION5\$1,278,416.760.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO2\$714,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$235,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{ll} UNION2\$461,258.620.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN \\ BANK1\$250,668.140.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE \\ HOUSE LARIBA1\$250,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN \\ HERITAGE FEDERAL CREDIT \end{tabular}$

UNION1\$233,363.280.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION10\$4,157,915.261.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B4\$1,699,500.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$440,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$233,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX

FINANCIAL SERVICES,

LLC1\$359,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA16\$4,464,003.061.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC3\$815,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK5\$1,423,450.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL3\$936,437.700.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII3\$1,225,750.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF NEW ORLEANS1\$223,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES2\$423,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST7\$2,390,880.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WHITTIER, NA1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WHITTIER, NA1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF WHITTIER, NA1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK FUND STAFF FEDERAL CREDIT

UNION2\$492,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT2\$576,000.000.50 CREDIT UNION4\$1,422,394.400.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$179,600.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS

BANK1\$216,399.680.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION5\$1,455,850.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING5\$1,597,880.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE SAVINGS BANK1\$506,250.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$192,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

PARTNERSHIP1\$238,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{loop} LLC1\$230,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$382,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC40\$12,008,108.394.65\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE,\\ \\$

LLC1\$373,872.470.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$209,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY6\$1,728,550.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$1,137,500.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY2\$557,450.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT UNION2\$459,234.170.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC7\$2,130,056.130.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT

 $\begin{tabular}{l} UNION1\$176,600.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC14\$5,264,280.002.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK1\$270,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK1\$200,382.580.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$280,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION1\$287,594.210.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION, \end{tabular}$

INC2\$519,750.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION

MORTGAGE SERVICES,

INC1\$248,978.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO1\$208,000.000.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

CALIFORNIA1\$189,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$405,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE BANK2\$737,900.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENALI STATE BANK1\$250,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE4\$1,469,324.630.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY3\$764,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPONT STATE BANK1\$267,350.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY1\$248,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS

 $BANK1\$225,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS \\ CU2\$554,500.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE \\ SERVICING, INC. DBA IMPAC$

MORTGAGE2\$533,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FALL RIVER FIVE CENTS SAVINGS BANK DBA

BANKFIVE1\$333,445.040.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE11\$3,944,970.001.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK OF WYOMING1\$316,600.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$398,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$196,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$320,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

 $BOSTON1\$336,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN \\ BANK1\$308,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE \\ FINANCIAL, LLC1\$183,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ INTERSTATE BANK5\$1,280,100.000.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ MINNESOTA BANK1\$183,840.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ MORTGAGE COMPANY,$

L.L.C12\$3,261,721.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION2\$491,908.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF SUFFIELD

THE2\$380,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$1,019,129.640.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK9\$3,590,799.701.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

LLC1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

 $\label{thm:contour} \begin{tabular}{l} UNION10$$2,887,568.511.12\%0$0.00NA0$$0.00NA$

ASSOCIATION12\$3,238,878.611.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$243,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$287,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRANITE STATE CREDIT UNION1\$257,611.510.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $WESTERN\ BANK1\$265,000.000.1\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00N$

UNION1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC1\$207,919.540.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY2\$472,800.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$181,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK4\$1,228,293.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION1\$210,760.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME

BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC3\$636,100.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS BANK OF ALBEMARLE SSB1\$212,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA I-C FEDERAL CREDIT

UNION1\$296,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$602,014.310.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK4\$1,313,200.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT

UNION8\$3,395,500.001.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$245,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$324,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC5\$1,560,800.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$244,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL CREDIT UNION1\$210,775.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A7\$2,009,800.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

 $INC4\$1,\!204,\!500.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA$ LEADER ONE FINANCIAL

CORPORATION1\$195,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC16\$5,460,400.002.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK3\$930,300.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$300,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION 1\$348,000.000.13%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

INC4\$1,201,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC3\$1,003,100.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$194,000.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

 $INC1\$244,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES\\ BANK1\$193,600.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY\\ BANK1\$417,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK,\\ THE1\$200,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE,\\ INC1\$330,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONTICELLO BANKING\\ COMPANY1\$200,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE$

ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES1\$389,486.420.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$303,419.320.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING

CORPORATION1\$176,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT

UNION2\$468,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$270,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL EXCHANGE BANK AND

TRUST1\$177,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD HOUSING SERVICES SILICON

VALLEY1\$240,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD MORTGAGE SOLUTIONS.

LLC1\$232,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION2\$859,446.080.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN\\ MORTGAGE COMPANY1\$400,000.000.15\%0\$0.00NA0\0

UNION1\$324,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK1\$230,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK2\$435,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC3\$1,011,150.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$280,800.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARKSIDE LENDING LLC1\$335,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT UNION1\$400,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION3\$953,152.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$300,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

UNION1\$186,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION3\$890,584.630.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$242,665.220.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION23\$7,077,882.702.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES,

 $INC1\$377,697.010.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE \ AND FIREFEDERAL CREDIT$

UNION2\$556,250.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK1\$279,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION4\$1,423,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$842,400.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CAPITAL BANK1\$180,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION2\$511,500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK1\$274,500.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKLAND FEDERAL CREDIT UNION2\$568,200.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING \end{tabular}$

CORPORATION4\$1,121,500.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION4\$961,215.670.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAFE CREDIT

 $UNION1\$184,\!500.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE MORTGAGE COMPANY,$

LLC1\$379,851.910.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION4\$863,289.490.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT

UNION1\$258,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF DANBURY2\$594,740.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY1\$177,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

COMPANY1\$201,708.950.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION6\$1,760,469.650.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$225,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$257,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK3\$949,600.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNE'S OF FALL RIVER CREDIT

UNION1\$265,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE CORPORATION1\$299,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$365,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST1\$254,400.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$444,323.720.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$878,863.510.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$190,000.000.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

 $\label{lem:company} COMPANY1\$310,000.000.12\%0\$0.00NA$

 $\label{lem:mexico3} MEXICO3\$996,500.000.39\%0\$0.00NA0$

MORTGAGE4\$1,401,100.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TECHNOLOGY CREDIT UNION1\$279,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF EAST ASIA (U.S.A.) N.A1\$335,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT

 $\begin{tabular}{l} UNION1\$416,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK 1\$192,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK OF DENNISON1\$264,600.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK 1\$417,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK 2\$527,300.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION4\$1,300,925.040.5\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT \\ \end{tabular}$

 $\label{thm:constraint} \begin{tabular}{ll} $UNION2$384,800.000.15\%0$0.00NA0$$

LLC2\$595,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION2\$386,991.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$902,348.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION2\$395,976.290.15\%0\$0.00NA0\0.0

CORP2\$710,250.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC16\$4,680,350.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.R. STARKEY MORTGAGE,

 $LLP1\$287,202.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

 $\label{thm:condition} \begin{tabular}{l} UNION2\$418,852.520.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON TRUST BANK1\$312,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP1\$272,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT \\ \end{tabular}$

UNION2\$483,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$224,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE

CORPORATION2\$662,922.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable218\$68,522,922ND MORTGAGE COMPANY OF NEW JERSEY.

 $INC1\$333,600.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ ABERDEEN \ PROVING \ GROUND \ FEDERAL \ CREDIT$

UNION1\$341,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS BANK3\$1,015,885.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$342,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT UNION7\$2,143,828.700.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$212,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT

UNION2\$389,350.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK CENTER1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FEDERAL SAVINGS BANK1\$182,400.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCE HOUSE

LARIBA1\$404,100.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$279,596.570.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION7\$1,957,000.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B4\$1,490,500.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$186,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION3\$675,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK,

NA15\$3,788,016.751.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK6\$1,708,974.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL3\$817,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII2\$865,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF LANCASTER1\$268,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

WEST14\$3,864,400.721.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT3\$937,000.000 CREDIT UNION1\$191,750.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION2\$388,700.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$235,800.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION5\$1,242,500.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL

CORPORATION1\$175,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING8\$2,532,500.000.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

THE3\$1,058,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK4\$1,030,400.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{loop} LLC1\$600,000.000.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON\\ BANK1\$201,500.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL,\\ INC43\$13,473,402.665.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE\\ MORTGAGE,\\ \\$

 $\label{localization} LLC1\$197,100.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, \\ LLC1\$277,600.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE \\ COMPANY5\$1,554,587.000.59\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL ONE \\ FEDERAL CREDIT$

UNION1\$238,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$843,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK2\$523,665.600.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY2\$649,847.370.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$180,550.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK1\$254,263.960.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC3\$1,048,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$240,000.000.009\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOBALT MORTGAGE, INC18\$5,773,798.002.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMER LOAN SERVICES, LLC1\$250,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION, \end{tabular}$

INC1\$195,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC1\$306,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMANET, LLC1\$260,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEDHAM INSTITUTION FOR SAVINGS1\$230,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

LTD1\$333,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY9\$2,566,850.000.97%0\$0.00NA0\$0.0

 $COMPANY2\$476,200.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS \\ CU7\$1,991,060.000.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT \\ UNION2\$493,300.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE \\ SERVICING, INC. DBA IMPAC$

MORTGAGE3\$850,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL CREDIT UNION1\$299,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK

MORTGAGE4\$983,783.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIREFIGHTERS

FIRST CREDIT UNION1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

 $SC4\$1,066,343.500.4\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST\ COMMONWEALTH\ FEDERAL\ CREDIT$

UNION1\$390,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST2\$445,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN OF BUCKS

COUNTY1\$195,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

BOSTON1\$353,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FLIGHT FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$406,000.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN \\ BANK4\$1,735,700.000.66\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE \\ BANK7\$1,779,618.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE \\ COMPANY, L.L.C8\$1,987,355.000.75\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE \\ MORTGAGE \\ \end{tabular}$

CORPORATION 2\$602,100.000.23%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

ALASKA2\$486,750.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF SUFFIELD THE1\$260,000.000.1%0\$0.00NA0

ASSOCIATION1\$247,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NORTHERN CREDIT

UNION1\$249,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK9\$2,967,207.401.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK4\$1,731,500.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION6\$1,526,776.630.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$223,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & TRUST1\$280,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK45\$13,781,269.185.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION4\$1,170,250.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE

CORPORATION2\$492,800.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC2\$443,400.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$328,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK5\$1,236,000.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER NEVADA MORTGAGE

SERVICES1\$279,600.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT

UNION1\$250,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$228,375.480.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$415,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY7\$1,982,300.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$324,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK3\$1,048,620.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HILLTOP NATIONAL BANK1\$186,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$195,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, \$1.000.00NA0\$0.00NA HOME LOAN CENTER, \$1.000.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, \$1.000.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, \$1.000.00NA0\$

INC11\$2,583,200.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION2\$490,600.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS, INC1\$316,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION1\$583,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$416,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT

UNION1\$175,100.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$198,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK6\$2,179,600.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION 1\$234,000.000.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

LLC1\$353,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEANNE DARC CREDIT UNION2\$428,800.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION6\$1,784,059.110.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$876,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION3\$861,379.260.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LBS FINANCIAL CREDIT UNION1\$250,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A17\$5,608,100.002.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

 $INC3\$943,000.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS,\\ LLC26\$9,888,750.003.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE\\ BANK1\$295,276.330.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS\\ NATIONAL BANK3\$865,450.780.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA\\ BANK4\$1,103,117.650.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE\\ BANK2\$580,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE\\ COMPANY INC3\$776,000.000.29\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS\\ BANK, NATIONAL$

ASSOCIATION1\$231,658.220.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

 $\label{lc3} LLC3\$1,297,400.000.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK,\\ NA1\$622,195.650.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT\\ UNION1\$260,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES\\ BANK1\$205,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK,\\ THE1\$253,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOULA FEDERAL\\ CREDIT UNION1\$188,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD\\ MORTGAGE, INC2\$681,000.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE\\ AMERICA, INC1\$275,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE\\ CENTER, LLC1\$322,200.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE\\ SOLUTIONS OF CO,\\ \label{lc3}$

LLC2\$423,700.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA FEDERAL CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION1\$200,000.000.008\%0\$0.00NA0\$0.$

 $TRUST1\$188,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORTHERN \ OHIOCOMORDON \ OHIOCOMOR$

INVESTMENT

COMPANY1\$342,400.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION1\$386,829.280.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$188,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORWOOD COOPERATIVE BANK1\$279,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

UNION3\$910,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC COMMUNITY CREDIT UNION1\$200,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$215,900.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$611,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION2\$491,640.210.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK1\$366,700.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$229,400.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION2\$434,600.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION21\$6,421,807.002.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $UNION2\$411,\!450.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK1\$417,000.000.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK \&$

TRUST1\$256,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

UNION2\$479,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK1\$316,400.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A1\$350,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION2\$426,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK2\$491,180.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKLAND FEDERAL CREDIT

UNION1\$219,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION1\$273,700.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$537,200.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$203,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$382,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION5\$1,592,250.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$427,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY1\$204,800.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLS FINANCIAL CREDIT

UNION1\$215,550.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION12\$3,861,700.001.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEASONS FEDERAL

CREDIT UNION1\$348,750.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE1\$190,000.000.07%0\$0.00NAO\$0.00NAO\$0.0

CORPORATION 1\$224,000.000.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

UNION3\$1,451,500.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$271,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$213,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC3\$1,045,531.780.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$550,403.300.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA2\$629,600.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUMMIT CREDIT UNION1\$205,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

 $\label{thm:constant} \begin{tabular}{ll} UNION1\$218,\!584.610.08\%0\$0.00NA0\$0.$

 $\label{thm:constant} \begin{tabular}{ll} UNION1$354,700.000.13\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA TOWER FEDERAL CREDIT UNION9$2,504,184.310.95\%0$0.00NA0$0.00N$

LLC3\$985,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$314,800.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITY BANK1\$200,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC3\$1,002,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO2\$377,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK3\$876,500.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 2\$680,000.000.26%0\$0.00NA0\$0.00N

CORP5\$1,425,200.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC6\$2,414,500.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC1\$197,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

 $\label{thm:condition} UNION1\$246,600.000.09\%0\$0.00NA$

 $\label{thm:condition} \begin{tabular}{l} UNION4\$1,171,477.200.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE \\ BANK1\$202,300.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT \\ UNION1\$341,500.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR \\ MORTGAGE \end{tabular}$

CORPORATION1\$276,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT

UNION1\$240,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable244\$72,636,418.8527.3 SECURITY BANK OF

WASHINGTON2\$652,000.000.25%0\$0.00NA0

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$581,000.000.022\%0\$0.00NA0\0

UNION1\$415,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALABAMA ONE CREDIT UNION1\$310,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION3\$725,019.920.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$375,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK OF THE

NORTH1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$330,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION13\$4,594,178.001.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B3\$997,000.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB2\$550,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA15\$4,270,613.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$417,000.000.16% BANK6\$1,690,650.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{eq:mutual} \begin{tabular}{l} MUTUAL1\$236,000.000.09\%0\$0.00NA$

WEST10\$2,922,399.521.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION1\$401,250.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT1\$345,000.000. CREDIT UNION3\$1,211,100.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK2\$745,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$231,700.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$528,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING7\$2,244,550.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$243,920.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

 $\label{thm:continuous} UNION1\$260,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED$

PARTNERSHIP1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK5\$1,133,480.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC39\$13,159,526.284.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC4\$1,046,392.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MINNESOTA CREDIT

UNION1\$315,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY7\$1,609,000.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING2\$354,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CHERRY CREEK MORTGAGE

COMPANY5\$1,553,031.850.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITADEL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$243,000.000.009\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITY\ STATE\\ BANK1\$260,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACINTON\ SAVINGS\\ BANK1\$416,399.180.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACMG\ MORTGAGE,\\ INC2\$393,750.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACONACONACINTONA$

 $INC6\$2,006,135.000.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS \\ BANK1\$240,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST \\ BANK2\$520,700.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, \\ INC1\$308,000.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DEAN COOPERATIVE \\ BANK1\$284,000.000.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY \\ CREDIT UNION1\$326,700.000.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT \\ SCHOOLS FEDERAL CREDIT \\ \\$

UNION1\$248,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT UNION1\$216,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA DHI MORTGAGE COMPANY,

LTD1\$590,036.140.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE2\$661,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY12\$3,944,100.001.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION2\$485,765.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$293,033.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA E-CENTRAL CREDIT UNION1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EAST BOSTON SAVINGS BANK1\$198,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU3\$1,121,800.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE4\$1,158,960.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION1\$184,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE8\$2,336,846.550.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT

UNION1\$390,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC2\$466,917.060.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$212,800.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

LAKEWOOD1\$208,900.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK5\$2,059,500.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HERITAGE FINANCIAL, LLC1\$189,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK6\$1,898,500.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION3\$1,078,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C4\$1,443,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA1\$212,000.000.008%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

GILLETTE1\$235,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF WATERLOO1\$190,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

PLACE BANK8\$2,419,900.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK10\$4,240,500.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:contour} \begin{tabular}{l} UNION17\$5,114,350.001.93\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST\\ SAVINGS BANK1\$300,000.000.11\%0\$0.00NA0\0

ASSOCIATION7\$1,946,459.290.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK3\$1,127,000.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$225,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK1\$298,750.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY2\$583,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$197,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME BANK1\$254,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK2\$429,700.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC7\$1,908,450.000.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION 1\$242,000.000.09%0\$0.00NA0%0.00NA0%0.00N

COMPANY1\$238,078.870.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE,

 $INC1\$348,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS\\ BANK11\$2,900,655.001.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH\\ HOME LENDING, LLC1\$232,000.000.09\%0\$0.00NA0$

COMPANY1\$255,200.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION11\$3,798,450.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$279,200.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC3\$1,113,500.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$487,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANGLEY FEDERAL CREDIT UNION1\$233,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A9\$2,966,800.001.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY

INC5\$1,522,900.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC15\$5,860,550.002.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENOX FINANCIAL MORTGAGE

CORPORATION1\$416,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$296,915.060.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK3\$1,040,046.040.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$255,631.150.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$370,453.440.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARBLEHEAD BANK2\$642,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARQUETTE BANK2\$617,648.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION2\$752,800.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY

INC2\$655,500.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE

 $\label{lem:company} COMPANY, LLC1\$250,000.000.009\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$465,500.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION3\$829,900.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$350,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$190,074.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK3\$750,100.340.28\%0\$0.00NA0\$$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$263,000.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSOURI CREDIT \\ UNION1\$176,000.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, \\ INC3\$1,266,250.000.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING \\ CORPORATION1\$204,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN \\ AMERICA CREDIT \end{tabular}$

UNION1\$308,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL COOPERATIVE BANK,

N.A1\$279,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$248,250.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW REPUBLIC SAVINGS BANK1\$241,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$209,600.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION2\$509,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OAK BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OPES ADVISORS, INC5\$1,940,500.000.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORANGE COUNTY'S CREDIT UNION1\$200,001.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA ORNL FEDERAL CREDIT

 $\label{thm:constant} \begin{tabular}{ll} UNION1\$219,250.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\0.0

UNION3\$762,033.460.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK2\$692,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$210,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHILADELPHIA FEDERAL CREDIT

UNION1\$219,690.020.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION19\$6,006,437.062.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PMAC LENDING SERVICES,

INC1\$368,500.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT

 $UNION1\$232,\!500.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE BANK1\$175,\!600.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POTLATCH NO.1 FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$184,000.000.007\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION2\$406,920.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$223,000.000.08\%0\$0.00NA0\0

UNION1\$220,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION4\$1,118,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA S&T BANK1\$417,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK

AND TRUST COMPANY1\$255,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION6\$1,564,267.650.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN FRANCISCO FIRE CREDIT UNION2\$686,200.000.26%0\$0.00NA0\$0.0

COMPANY1\$396,427.990.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCHOOLSFIRST FEDERAL CREDIT

UNION10\$3,034,300.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$279,900.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$405,000.000.15%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

UNION1\$312,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPENCER SAVINGS BANK1\$267,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPIRIT OF ALASKA FEDERAL CREDIT UNION1\$225,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

COMPANY1\$184,500.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD PACIFIC MORTGAGE,

INC1\$367,469.780.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANFORD FEDERAL CREDIT UNION1\$414,637.650.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF CROSS PLAINS1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC1\$228,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC2\$668,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK2\$505,368.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

 $\label{thm:company:s214,400.000.08\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na Summit Credit union:$370,000.000.14\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na Superior federal credit union:$200,000.000.08\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na SWBC MORTGAGE7$2,300,500.000.87\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na Talmer bank & Trust4$1,100,550.000.42\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na The bank of maine:$176,000.000.07\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na The California credit union:$204,000.000.08\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na The Golden 1 Credit union:$2386,064.500.15\%0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na0$0.00Na The National Bank of$

INDIANAPOLIS1\$272,000.000.1%0\$0.00NA

UNION1\$229,050.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION2\$610,469.780.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVIS CREDIT UNION1\$326,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK10\$2,594,000.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST4\$1,142,100.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC3\$847,750.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$189,300.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC7\$2,036,213.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY

BANK1\$180,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION2\$528,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION1\$211,500.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$225,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY BANK AND TRUST COMPANY1\$363,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL

CORP7\$1,840,428.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC11\$3,822,200.001.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC2\$558,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

 $\label{thm:condition} \begin{tabular}{l} UNION4\$870,600.000.33\%0\$0.00NA0\0.0

 $\label{thm:constraint} UNION1\$380,000.000.14\%0\$0.00NA0\$0.00N$

CORPORATION2\$504,800.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable239\$72,843,3 BUILDING AND LOAN,

SSB1\$392,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ABERDEEN PROVING GROUND FEDERAL CREDIT

UNION2\$525,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS BANK6\$2,013,657.570.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constant} \begin{tabular}{l} UNION3\$693,717.380.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS\\ FINANCIAL1\$183,000.000.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$226,750.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION2\$488,700.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$210,446.700.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE\\ \end{tabular}$

CORPORATION7\$2,551,400.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B3\$960,050.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION1\$393,300.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$212,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARIZONA STATE CREDIT UNION1\$257,100.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA13\$3,550,950.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATLANTIC PACIFIC MORTGAGE

CORPORATION 1\$370,465.460.17%0\$0.00NA0%0.00N

INC2\$423,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK4\$1,071,532.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII4\$1,359,375.000.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF SPRINGFIELD1\$217,800.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$240,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST15\$4,147,961.271.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKNEWPORT2\$625,000.00CREDIT UNION3\$719,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$380,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT

UNION1\$232,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL

SAVINGS BANK1\$305,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$216,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT UNION1\$242,100.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL

CORPORATION1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING5\$1,661,800.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY

THE2\$642,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$301,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC32\$11,276,550.005.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE, LLC1\$379,000.000.17%0\$0.00NA0

UNION1\$400,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CENTRAL MORTGAGE COMPANY7\$1,978,144.560.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.

UNION1\$204,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON SAVINGS BANK1\$264,235.090.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$734,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION1\$260,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE,

INC15\$4,770,373.002.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CREDIT UNION OF LYNN1\$285,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS COOPERATIVE CREDIT

UNION1\$363,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC1\$252,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO1\$205,000.000.009%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF SOUTHERN

CALIFORNIA1\$272,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE

CORPORATION1\$176,300.000.08%0\$0.00NA

SAVINGS1\$264,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NADELTA COMMUNITY CREDIT

UNION1\$370,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC1\$212,800.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY,

 $LTD1\$389,\!514.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE$

MORTGAGE1\$182,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY4\$1,232,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$370,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU4\$1,039,150.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENT FEDERAL CREDIT UNION1\$303,300.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE4\$1,333,840.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCHANGE STATE BANK1\$186,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA F & A FEDERAL

CREDIT UNION1\$265,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE6\$1,880,071.000.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SC3\$810,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA2\$452,400.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY CREDIT UNION ABN OREGON FIRST COMMUNITY CREDIT

UNION1\$309,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$200,000.000.09%0\$0.00NA0\$0.0

 $BOSTON1\$287,\!575.720.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF CHAMPAIGN$

URBANA2\$367,200.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK3\$1,377,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK7\$1,996,170.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION3\$680,250.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C8\$2,116,806.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE CORPORATION 2\$524,008.000.24%0\$0.00NA0\$0.00

ALASKA1\$198,300.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF HARTFORD1\$229,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $FCU1\$200,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK4\$1,043,900.000.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC\\ BANK5\$2,774,000.001.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY\\ FEDERAL CREDIT\\$

UNION11\$3,113,297.021.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST UNITED BANK & TRUST1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK1\$280,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FOX RIVER STATE BANK1\$194,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK43\$12,636,640.215.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION6\$1,530,750.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK3\$857,500.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC3\$779,100.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GESA CREDIT UNION1\$193,600.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$462,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER SPRINGFIELD CREDIT

UNION1\$236,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$229,900.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY INC1\$234,700.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE

COMPANY2\$542,150.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBORONE CREDIT UNION1\$294,565.400.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARVARD UNIVERSITY EMPLOYEES CREDIT

UNION2\$801,650.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$202,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HILLTOP NATIONAL BANK1\$215,500.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$252,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL

SAVINGS BANK1\$197,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC3\$942,600.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE

COMPANY2\$494,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO CENTRAL CREDIT

 $\begin{tabular}{l} UNION1\$411,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$280,000.000.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$300,000.000.13\%0\$0.00NA0\0.00

UNION1\$610,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION10\$2,919,948.871.31%0\$0.00NA0\$0.00N

INC1\$322,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE REGION BANK1\$293,600.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC4\$1,651,850.000.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$403,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A9\$3,245,500.001.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER MORTGAGE COMPANY INC1\$412,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC15\$4,711,250.002.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK2\$492,300.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK1\$217,600.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANSFIELD COOPERATIVE BANK1\$288,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$184,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$246,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK. NATIONAL

ASSOCIATION1\$187,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC2\$675,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METUCHEN SAVINGS BANK1\$400,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$268,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-ISLAND MORTGAGE CORP1\$395,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK3\$675,500.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MILFORD BANK, THE1\$250,900.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL CREDIT

 $\label{thm:constant} \begin{tabular}{l} UNION2\$600,700.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC2\$472,200.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$331,700.000.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC1\$315,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION2\$499,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MT. MCKINLEY BANK1$263,920.000.12\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA NATIONAL EXCHANGE BANK AND$

TRUST1\$292,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$395,200.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION2\$1,149,000.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$197,100.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK1\$250,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD SECOND NATIONAL BANK1\$308,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0

UNION1\$247,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT UNION1\$391,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$449,850.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION3\$912,276.850.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION14\$3,602,684.581.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$175,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$417,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENCE BANK 1\$256,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION2\$843,500.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION2\$481,550.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUTNAM BANK 1\$202,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$252,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE, INC1\$213,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERMARK COMMUNITY CREDIT

UNION1\$192,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION5\$1,702,370.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROXBORO SAVINGS BANK SSB1\$291,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$503,439.350.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RSI BANK1\$235,250.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$192,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION3\$740,662.690.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} \begin{tabular}{l} UNION2\$688,000.000.31\%0\$0.00NA0\0.0

UNION8\$2,450,800.001.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHREWSBURY FEDERAL CREDIT UNION1\$221,000.000.1%0\$0.00NA0\$0.00N

COMPANY1\$180,000.000.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

UNION1\$427,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION OF MARYLAND,

INC2\$715,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$287,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK6\$2,071,896.290.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STILLWATER NATIONAL BANK & TRUST

COMPANY1\$200,000.000.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$230,700.000.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

MEXICO3\$813,633.610.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$891,435.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$357,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT UNION1\$264,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION1\$274,125.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INDIANAPOLIS2\$453,400.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$216,000.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THINK MUTUAL BANK2\$498,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION3\$901,708.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$351,300.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTONE FINANCIAL FEDERAL CREDIT

UNION1\$243,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK7\$1,815,237.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST3\$695,300.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$274,986.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$265,012.840.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$635,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION2\$604,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$217,900.000.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL\\ BANK7\$2,022,000.000.91\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE\\ CORPORATION2\$784,500.000.35\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY\\ MORTGAGE CAPITAL \end{tabular}$

CORP1\$180,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC5\$1,380,000.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAKEFIELD CO-OPERATIVE

 $BANK1\$390,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON\ STATE\ EMPLOYEES\ CREDIT$

UNION2\$413,700.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK2\$548,696.300.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION4\$1,222,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$248,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORKERS CREDIT UNION1\$267,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YOLO FEDERAL CREDIT UNION1\$267,900.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$474,950.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable212\$62,904,194.9128.22 2ND MORTGAGE COMPANY OF NEW JERSEY,

INC1\$397,800.002.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS BANK1\$262,887.311.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT

UNION1\$175,241.450.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$196,000.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$436,500.002.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA1\$187,000.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE

WEST3\$731,694.963.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$1,121,100.005.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC7\$2,089,500.0010.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC2\$703,800.003.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$265,425.001.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELTA COMMUNITY CREDIT UNION1\$256,260.001.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$348,000.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPAGE CREDIT UNION1\$236,000.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$346,788.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY FEDERAL CREDIT

UNION1\$300,000.001.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK2\$439,600.002.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC1\$347,500.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEORGETOWN SAVINGS BANK1\$336,000.001.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$299,000.001.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$310,192.001.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$617,000.003.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$308,000.001.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$320,000.001.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL BANK1\$287,579.461.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MLD MORTGAGE, INC1\$428,500.002.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$233,000.001.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUVISION FEDERAL CREDIT UNION1\$303,000.001.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$752,775.003.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT

UNION1\$309,000.001.61%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION1\$397,900.002.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF LINCOLN1\$180,000.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT

UNION1\$316,200.001.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT UNION1\$279,200.001.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LLC1\$348,000.001.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,308,425.1222.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION5\$1,306,332.759.53\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK\\ FSB1\$407,256.512.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK,\\ NA1\$201,269.011.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMINGTON\\ BANK5\$1,327,350.949.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC\\ BANK5\$2,090,537.5415.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH\\ HOME LENDING,\\ \end{tabular}$

LLC2\$619,239.174.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$242,269.751.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$189,211.901.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$251,741.651.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OCEANFIRST BANK1\$179,900.121.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A1\$211,911.681.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT SAVINGS

BANK1\$283,022.762.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAN DIEGO COUNTY CREDIT UNION4\$812,885.815.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIWELL, INC., DBA CAPITAL MORTGAGE SERVICES OF

TEXAS1\$410,997.513%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A2\$712,641.605.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM EDUCATIONAL CREDIT

UNION3\$853,326.476.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,603,811.0926.289

BANK22\$5,921,522.002.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN INTERNET MORTGAGE, INC DBA

AIMLOAN.COM18\$6,078,997.002.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION 190\$62,879,544.9625.93%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $\label{lem:company} \begin{aligned} &\text{COMPANY72\$17,611,213.007.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAY EQUITY,} \\ &\text{LLC1\$354,488.510.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL \\ &\text{ASSOCIATION53\$14,745,840.006.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND \\ &\text{COMPANY7\$2,051,051.000.85\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DIRECT \\ &\text{MORTGAGE, CORP1\$417,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ &\text{AMERICAN BANK1\$348,000.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \end{aligned}$

COMPANY25\$7,697,292.483.17%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

CALIFORNIA MORTGAGE

 $\label{eq:comain} OMAHA60\$15,869,038.646.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC66\$19,839,110.938.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MUTUAL OF OMAHA BANK1\$254,263.960.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE BANK3\$1,000,749.180.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE, INC20\$6,132,056.002.53\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP,$

INC5\$1,365,000.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable264\$78,912,536.2432.57 PLUS FEDERAL CREDIT

 $UNION1\$189,\!550.000.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT \\$

UNION1\$279,622.830.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIED MORTGAGE GROUP, INC1\$264,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION7\$2,231,700.001.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B4\$1,304,000.000.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION4\$935,280.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK,

NA2\$412,839.390.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AUBURNBANK1\$213,750.000.15%0\$0 BANK2\$362,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST12\$3,317,455.772.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$236,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES

CREDIT UNION6\$1,721,000.001.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING6\$1,876,875.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP2\$516,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARROLLTON BANK1\$248,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC31\$8,647,565.366.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE

MORTGAGE, LLC2\$448,000.000.32%0\$0.00NA0%0.00NA0%0.00NA0%0.00

COMPANY2\$617,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL PACIFIC BANK3\$1,336,662.770.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

LENDING3\$617,713.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

 $COMPANY3\$944,158.530.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITIZENS\ FIRST\ WHOLESALE$

MORTGAGE14\$3,250,305.002.33%0\$0.00NA0\$

INC10\$3,116,310.002.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY MORTGAGE FUNDING,

LLC1\$360,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL HOME LOANS INC1\$200,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE INC1\$228,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE ASSOCIATION,

INC1\$220,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC2\$550,400.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER MORTGAGE COMPANY, INC1\$177,500.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

 $\label{thm:bound} \begin{tabular}{l} UNION1\$183,084.000.13\%0\$0.00NA0$

COMPANY2\$589,900.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ELEVATIONS CU1\$356,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

 $\label{thm:bound} MORTGAGE2\$778,000.000.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK\\ MORTGAGE10\$2,798,281.912.01\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY\\ CO-OPERATIVE BANK1\$263,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST\\ MORTGAGE COMPANY,\\ \\$

 $L.L.C6\$1,\!415,\!757.001.02\%0\$0.00NA0$

DEERWOOD1\$417,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF GILLETTE1\$257,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK17\$4,769,782.793.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST REPUBLIC BANK1\$250,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION 1\$300,000.000.22%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

UNION1\$375,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$224,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK17\$5,633,290.894.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION1\$244,510.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK1\$207,200.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE

CORPORATION1\$219,200.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GEO-CORP, INC5\$1,212,425.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION3\$827,646.400.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTEED RATE, INC2\$646,525.930.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN CREDIT UNION1\$208,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER INC2\$453,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC3\$790,100.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION5\$1,271,250.000.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME STATE BANK1\$216,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONOLULU HOMELOANS,

INC2\$800,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY5\$1,237,500.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INVESTORS BANK3\$644,500.000.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING,

LLC2\$376,500.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$188,900.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC4\$1,297,900.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A5\$1,595,400.001.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL

CORPORATION1\$190,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC5\$1,992,974.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA BANK2\$385,915.510.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS AND TRADERS TRUST

COMPANY1\$179,762.970.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASON-MCDUFFIE MORTGAGE

CORPORATION1\$392,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC1\$326,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION2\$552,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA1\$474,390.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK3\$750,500.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO,

LLC1\$187,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$408,848.530.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL BANK OF OHIO1\$193,600.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT COMPANY2\$431,568.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

BANK1\$415,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$183,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION16\$4,609,806.003.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC2\$609,950.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRAIRIE STATE BANK & TRUST1\$384,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, N.A2\$560,000.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK INC1\$176,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION3\$898,500.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$189,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIGHT START MORTGAGE,

INC1\$342,900.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

 $\label{lem:corporation1} Corporation1\$254,900.000.18\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA sahara\\ Mortgage3\$624,000.000.45\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA scotiabank of puerto rico1\$364,000.000.26\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA security national mortgage5\$1,722,500.001.24\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA state bank of cross plains1\$224,000.000.16\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA stearns lending, inc1\$216,000.000.16\%0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA0\$0.00nA stockman bank of$

MONTANA1\$184,000.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

MEXICO1\$248,672.100.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE9\$2,671,093.701.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST1\$196,800.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$1,431,285.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC6\$1,256,000.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITUS COMMUNITY CREDIT UNION1\$252,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC2\$450,400.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY BANK1\$252,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION2\$447,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC1\$243,750.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WALLICK AND VOLK INC2\$620,461.710.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$434,250.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $UNION2\$675,\!000.000.48\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

CORPORATION5\$1,520,400.001.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

UNION1\$452,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable141\$41,665,449.4529.8 NATIONAL

BANK4\$976,825.007.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION 4\$1,620,000.0012.36%0\$0.00NA0\$0.

ASSOCIATION5\$1,213,750.009.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC1\$353,514.732.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUNNINGHAM AND COMPANY1\$246,689.241.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CALIFORNIA MORTGAGE

COMPANY2\$466,743.003.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IMORTGAGE.COM, INC6\$1,804,840.3913.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SHEA MORTGAGE, INC2\$447,883.003.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$5,167,894.3839.4%0\$0 INC1\$194,500.005.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTURY MORTGAGE COMPANY, D/B/A CENTURY

 $LENDING1\$314,925.008.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITIZENS\ FIRST$

WHOLESALE

MORTGAGE2\$384,049.009.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$256,733.946.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C1\$304,000.007.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK6\$1,648,026.3642.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP LLC1\$243,000.006.3%0\$0.00NA0\$0.

INC1\$269,660.006.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC1\$242,250.006.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$3,857,144.30100%0\$0.00** INTERNET MORTGAGE, INC DBA

AIMLOAN.COM1\$323,000.0011.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY6\$567,050.0020.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOKF, NATIONAL ASSOCIATION2\$230,235.008.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONSUMERS CREDIT UNION1\$245,900.009.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

 $OMAHA8\$1,009,800.0037\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTAR\ FINANCIAL\ GROUP,$

INC1\$157,752.085.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$195,799.517.18%0\$0.00 HOME FUNDING INC1\$64,218.604.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$87,035.315.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION1\$82,233.635.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME LOAN

CORPORATION1\$74,897.984.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GARDINER SAVINGS INSTITUTION

FSB1\$77,026.904.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE CORPORATION1\$76,533.954.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$90,456.845.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENINSULA MORTGAGE BANKERS

CORPORATION1\$73,226.164.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND1\$76,244.284.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND6\$494,051.0431.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$64,571.904.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT

UNION1\$102,215.656.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$188,038.9312.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LARIBA1\$101,666.745.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AULDS, HORNE & WHITE INVESTMENT

CORP1\$104,425.045.2%0\$0.00NA

TRUST3\$303,640.2815.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE CORPORATION1\$85,339.214.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$103,019.645.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$110,442.115.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY2\$212,496.1210.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC. DBA POPULAR HOME

MORTGAGE1\$86,011.204.28%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION1\$104,427.695.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND1\$97,385.924.85%0\$0.00NA0\$0

INC1\$117,603.215.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$101,601.915.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$284,028.6814.11%0\$ FARM CREDIT BANK1\$124,725.053.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA

ARGENTARIA1\$123,335.773.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF STANLY1\$94,624.752.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION2\$253,163.486.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

MORTGAGE3\$386,658.229.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$116,447.133.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION 2\$233,798.646.04%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

COMPANY1\$87,142.572.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$113,211.552.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK1\$108,927.612.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREATER ATLANTIC BANK1\$105,493.862.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$134,241.303.47%0\$0.00NA0%0.00NA

COMPANY1\$111,860.962.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$105,755.382.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY3\$396,923.9710.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION1\$111,199.412.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC. DBA POPULAR HOME

MORTGAGE1\$120,331.023.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND3\$357,271.429.23%0\$0.00NA0\$0.

BANK1\$112,758.992.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$371,088.039.59%0\$0 MORTGAGE COMPANY

(NERO)1\$122,978.474.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$149,752.865.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$165,393.926.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$275,930.1110.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

MORTGAGE1\$162,352.625.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CONTINENTAL CAPITAL

 $\label{loon-approx} CORPORATION1\$141,368.645.15\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMANET, \\ LLC1\$156,630.775.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME \\ LOAN CORPORATION1\$101,012.993.68\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST \\ MERIT MORTGAGE$

CORPORATION1\$138,201.215.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK IN

MANITOWOC1\$130,289.604.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FINANCING CENTER

INC1\$108,110.183.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK COUNTY SAVINGS BANK1\$157,680.705.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$153,602.375.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$137,357.165%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT

UNION1\$105,816.533.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$538,939.9019.65%0\$ HOME MORTGAGE

CORPORATION1\$195,431.9710.6%0\$0.00NA

CORPORATION1\$143,993.657.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE

CORPORATION2\$361,791.8719.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAIN STREET FINANCIAL SERVICES

CORP1\$265,553.9014.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER AMERICA CREDIT UNION1\$383,619.6020.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA U. S. MORTGAGE

CORP1\$136,568.547.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$161,179.188.75%0\$0. BANK1\$23,015.050.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIHOME

CORPORATION1\$56,653.432.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$38,875.291. HOME FINANCE,

 $\label{logovalue} LLC1\$54,529.962.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK1\$57,648.142.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST SOUTHERN NATIONAL BANK1\$42,983.241.82\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE$

CORPORATION 1\$68,552.672.9%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

(USA)1\$56,300.402.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ICON CREDIT UNION1\$76,522.743.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEFFERSON MORTGAGE SERVICES INC1\$29,636.271.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$77,163.533.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND1\$63,285.182.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND25\$1,383,402.8858.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$

CORPORATION1\$67,522.482.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$183,405.697 MORTGAGE

COMPANY1\$127,006.883.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CENDANT MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION2\$210,532.505.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE

 $CHANNEL1\$118,\!530.062.96\%0\$0.00NA0\0

CORPORATION3\$303,092.827.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$119,693.242.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$124,924.853.12%0\$0 MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION1\$127,040.204.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE CHANNEL1\$141,120.305.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL

CREDIT UNION13\$1,825,112.4365.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION4\$566,744.8420.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$140,518.1 TECHNOLOGY CREDIT

 $UNION1\$135,185.798.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MORGAN \ STANLEY \ CREDIT$

CREDIT CORPORATION1\$239,326.3614.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,306,811

INC1\$383,613.0110.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$222,162.126.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CENTRAL BANK1\$222,770.926.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORGAN STANLEY CREDIT

CORPORATION7\$1,949,077.3553.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$163,499.384.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$94,910.212.6%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

COMPANY1\$149,512.254.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$462,110.1412.679 BUILDING AND LOAN

ASSOCIATION1\$49,457.943.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANHEUSER-BUSCH EMPLOYEES CREDIT

UNION1\$45,145.863%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA1\$47,746.173.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS

BANK1\$50,456.173.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL SAVINGS

BANK1\$73,185.434.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL

BANK1\$72,378.174.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTERN

BANK1\$44,115.662.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF SC1\$44,853.142.98%0\$0.00NA0\$0.00

CORPORATION2\$108,704.997.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANCOCK MORTGAGE

COMPANY1\$34,073.452.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEFEDERAL BANK1\$49,425.993.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOS ALAMOS NATIONAL

BANK1\$49,178.653.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE NATIONAL BANK OF

INDIANA1\$53,838.173.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING

CORPORATION 1\$43,917.312.92%0\$0.00NA

COMPANY1\$45,157.873%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE,

INC. DBA POPULAR HOME

MORTGAGE1\$44,159.452.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$50,934.853.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$56,064.383.72%0\$0.00NA0\$0.00N

CORPORATION1\$38,594.012.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$78,709.285.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$43,703.142.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$285,630.6818.96%0\$0.0 BUILDING AND LOAN

ASSOCIATION1\$9,460.210.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK OF ILLINOIS1\$39,081.152.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$12,777.810.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF MISSISSIPPI1\$17,603.620.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST1\$32,869.831.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK CREDIT UNION1\$23,866.401.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRYN MAWR TRUST COMPANY THE1\$38,260.362.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE

COMPANY2\$15,882.870.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL STATE BANK1\$37,130.292.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHITTENDEN TRUST COMPANY1\$18,519.211.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS BANK1\$28,893.151.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE SERVICES,

INC3\$73,295.674.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DORAL BANK1\$41,399.122.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DOVENMUEHLE FUNDING, INC2\$65,660.343.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EQUITY FINANCIAL GROUP1\$11,409.300.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$36,634.372.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION1\$39,027.862.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$35,387.161.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$25,388.381.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE

CORPORATION1\$36,927.472.03%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

ALASKA1\$22,750.431.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK IN MANITOWOC1\$7,889.000.43%0\$0.00NA0\$0.00

CARMI1\$23,315.951.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DECATUR1\$18,849.801.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$32,972.491.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$40,955.142.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK1\$51,131.692.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HICKORY POINT BANK AND TRUST, FSB1\$9,041.500.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$11,997.150.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$4,879.380.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IRWIN UNION BANK AND TRUST COMPANY1\$45,579.002.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$30,\!578.301.68\%0\$0.00NA0\$0.$

UNION1\$36,866.652.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS BANK AND TRUST

CO1\$25,071.021.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MCCLAIN BANK, N.A2\$39,088.772.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST

MORTGAGE, LLC1\$24,771.071.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE NATIONAL BANK OF

INDIANA2\$45,995.702.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE TRUST & SAVINGS BANK1\$16,365.830.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK. NATIONAL

ASSOCIATION1\$22,911.221.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORGAN STANLEY CREDIT

CORPORATION 1\$49, 182.242.71%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

COMPANY1\$60,154.843.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY2\$49,965.762.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION1\$26,676.941.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$53,341.732.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER BANK1\$6,695.380.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PREMIER BANK OF JACKSONVILLE1\$13,585.010.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALT RIVER PROJECT CREDIT UNION1\$33,468.231.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP2\$53,150.652.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$39,668.042.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY MORTGAGE COMPANY

INC1\$9,299.420.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEOKIE CREDIT UNION1\$28,985.261.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERNBANK PUERTO RICO1\$7,272.610.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WILMINGTON TRUST COMPANY1\$35,411.021.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK2\$22,510.491.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$146,118.678.05%0\$0.00 BANK1\$40,156.683.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$11,014.540.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST CREDIT UNION1\$36,698.153.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED MORTGAGE

INC2\$40,362.173.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$34,433.413.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EQUITY COMPANY, LLC1\$29,037.292.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON NATIONAL BANK1\$8,180.490.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EQUITY FINANCIAL GROUP1\$17,109.991.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 1\$36,555.863.2%0\$0.00 NA0\$0.00 NA0

CORPORATION 2\$46,780.704.1%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

COMPANY1\$25,826.082.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF CARMI1\$6,673.670.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK1\$29,586.202.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GARDINER SAVINGS INSTITUTION FSB1\$30,372.152.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$1,745.200.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION3\$30,519.042.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL SAVINGS

BANK1\$10,100.280.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEFEDERAL BANK1\$23,917.762.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF COMMERCE2\$31,031.692.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION1\$5,646.500.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK MORTGAGE

SERVICES1\$23,762.662.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION2\$42,042.443.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC1\$41,725.423.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$21,654.611.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST GEORGIA

BANK1\$25,301.212.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWOODS STATE BANK1\$45,468.793.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NWA FEDERAL CREDIT UNION1\$28,895.792.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$39,552.873.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES TRUST AND SAVINGS BANK1\$22,845.612%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND1\$24,092.632.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$19,058.251.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $CORPORATION 1\$15,\!540.761.36\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00N$

UNION1\$39,372.433.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRANE FEDERAL CREDIT UNION1\$36,693.233.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK MORTGAGE1\$21,950.631.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORTHINGTON MORTGAGE GROUP

INC1\$13,042.891.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$126,638.8211.13%0\$0.00 CREDIT UNION1\$48,179.643.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA

ARGENTARIA1\$48,544.043.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$58,881.574.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLUE BALL NATIONAL BANK1\$50,530.283.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EQUITY COMPANY, LLC1\$51,909.564.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$

COMPANY1\$58,416.784.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$58,012.314.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD - DEDICATED CHANNEL1\$32,539.722.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST ATLANTIC FEDERAL CREDIT

UNION2\$40,799.493.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY BANK1\$53,068.304.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK CORPORATION1\$43,370.503.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$49,042.513.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$45,669.423.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEATTLE SAVINGS BANK1\$47,401.163.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS DOW EMPLOYEES CREDIT

UNION1\$75,364.235.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL BANK1\$56,860.834.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK4\$179,954.3113.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$292,000.8822.63%0 MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION9\$583,076.6930.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION 2\$217,817.6111.54%0\$0.00NA0\$0.00

CORPORATION4\$654,154.3834.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$178,622.1 NATIONAL BANK1\$14,113.871.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED MORTGAGE INC1\$19,531.661.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO6\$187,792.0716.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION1\$20,451.551.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EQUITY COMPANY, LLC2\$44,316.953.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE MANHATTAN MORTGAGE

CORPORATION1\$10,442.960.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE CO1\$21,794.961.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DATA TECH SERVICES, INC. (DBA ONES

 $\label{eq:mortgage} MORTGAGE) 1\$15,500.901.39\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EQUITY\\ FINANCIAL GROUP1\$23,426.972.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS\\ NATIONAL BANK1\$20,491.951.83\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST\\ NATIONAL BANK1\$17,555.781.57\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON\\ BANK1\$32,638.802.92\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LORIMAC\\ CORPORATION1\$20,679.951.85\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL\\ CITY MORTGAGE$

COMPANY2\$58,387.115.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL2\$71,749.906.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$62,737.715.61%0\$0.00NA

GROUP1\$3,974.790.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK1\$27,618.842.47%0\$0 BANK, NATIONAL

ASSOCIATION1\$14,857.821.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK3\$75,165.066.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$345,316.1330.85%0\$ MORTGAGE

COMPANY1\$46,974.153.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION 2\$74,189.865.31%0\$0.00NA0%0.00NA

COMPANY1\$68,106.604.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION14\$939,323.8967.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CAPITAL MORTGAGE

COMPANY1\$37,478.642.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON MUTUAL BANK,

FA1\$60,665.034.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$169,611.9212.16%0\$0.00N **MORTGAGE**

COMPANY1\$239,094.9511.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION1\$198,905.739.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA **MORTGAGE**

CORPORATION8\$1,265,630.4760.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON **MUTUAL**

BANK1\$240,146.4611.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$142,378.946.83%0\$ **MORTGAGE**

CORPORATION30\$540,329.9625.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO3\$126,456.096.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF

MISSISSIPPI1\$21,681.261.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE GROUP1\$10,359.820.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION2\$37,383.091.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANK & TRUST CO1\$27,345.031.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COMMUNITY BANK1\$9,604.880.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP1\$17,999.880.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA **COMMUNITY**

BANK1\$25,891.221.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF COMMERCE1\$19,338.700.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY2\$120,465.785.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$13,018.530.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC. DBA POPULAR HOME

MORTGAGE1\$11,360.490.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$19,082.480.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND2\$13,509,640.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HARBOR BANK OF

MARYLAND1\$14,769.950.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK8\$155,722.717.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$901,808.8843.25%0 STATE CREDIT

UNION2\$519,843.7718.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$266,222.129.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC1\$240,688.938.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT

BANK1\$163,518.925.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK1\$399,834.9313.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO

COMPANY1\$176,544.936.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PANHANDLE STATE BANK1\$321,289.0411.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE **CAPITAL MORTGAGE**

CORPORATION2\$477,836.6816.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$319,636.0 CHASE BANK, FSB - DEDICATED

CHANNEL1\$319,217.539.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMANET,

LLC1\$274,955.747.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$202,080.175.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK1\$198,310.805.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK1\$282,129.628.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

 $COMPANY1\$173,\!236.144.94\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

LLC1\$165,809.034.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED FINANCIAL MORTGAGE CORP1\$146,591.764.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK1\$168,939.324.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,572,130.2744.89%0 NATIONAL BANK1\$26,540.220.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO3\$211,330.447.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$64,984.162.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF MISSISSIPPI1\$29,146.321%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST2\$102,361.943.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$20,270.500.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$48,165.461.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION1\$73,786.522.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF JOHNSON

 $COUNTY1\$51,\!450.611.77\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY1\$47,325.751.63%0\$0.00NA0\$0.0

BANK1\$68,866.032.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME LOAN CORPORATION2\$98,539.333.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK1\$40,959.731.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF

DEERWOOD1\$29,233.461%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$52,354.431.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR BANK, FSB1\$30,950.181.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE CORPORATION1\$50,737.661.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARBOR FEDERAL SAVINGS

BANK1\$57,947.471.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HIWAY FEDERAL CREDIT UNION2\$90,270.633.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IRWIN MORTGAGE

 $CORPORATION1\$31,414.151.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR\\ MORTGAGE, LLC/DBACHAMPION MORTGAGE$

COMPANY2\$119,963.724.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNSYLVANIA STATE EMPLOYEES CREDIT

 $UNION1\$25,\!542.620.88\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE FINANCIAL CORPORATION1\$26,\!742.050.92\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A1\$13,\!368.740.46\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, NATIONAL ASSOCIATION1\$32,079.341.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIDDELL NATIONAL BANK1\$28,\!366.050.97\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND6$240,995.748.28\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA SELF-HELP VENTURES FUND / GUARANTY$

BANK1\$34,603.001.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND / SKY BANK1\$78,938.742.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$42,775.831.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TINKER FEDERAL CREDIT

UNION1\$45,961.851.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK7\$291,269.9210%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$607,117.7320.85%0\$0 INC1\$75,273.981.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYWIDE HOME LOANS, INC1\$90,437.181.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION49\$4,256,181.7579.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION10\$911,991.4617.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 61\$5,333,884.37** FEDERAL CREDIT

UNION79\$11,624,477.8198.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION1\$148,841.461.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 80\$11,773,319.271** MORTGAGE COMPANY1\$168,156.700.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT

UNION573\$138,927,531.0198.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION8\$1,666,226.191.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

N.A1\$384,038.320.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 583\$141,145,952.22100%0\$0.0** BANK1\$40,957.600.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

 $\label{lem:corporation3} CORPORATION3\$161,351.023.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE,\\ INC1\$58,963.711.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESIDE DEDICATED\\ CHANNEL1\$513.480.01\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY\\ MORTGAGE COMPANY1\$30,981.880.71\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY\\ FEDERAL CREDIT\\ \\$

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FARGO BANK,
N.A1\$70,543.091.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$298,126.486.86%0\$0.00N

FEDERAL CREDIT
UNION79\$17,585,155.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 79\$17,585,155.10100**%0
FEDERAL CREDIT

UNION11\$2,478,192.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,478,192.70100%0\$**0**\$0** FARM CREDIT

BANK2\$166,368.411.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION2\$172,425.671.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HOME MORTGAGE

CORPORATION1\$81,029.480.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICANA NATIONAL BANK1\$89,836.370.63%0\$0.00NA0\$0

RICO1\$90,237.340.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO3\$253,558.081.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$79,843.560.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

 $TRUST1\$90,728.990.64\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACAPITAL\ CENTER,$

L.L.C1\$88,248.330.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$64,182.140.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC2\$178,322.531.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION1\$96,800.760.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST MORTGAGE, LLC1\$76,361.740.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$95,842.060.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CLINTON NATIONAL BANK1\$75,082.640.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CO2\$165,206.071.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE2\$151,431.101.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN CREDIT UNION1\$78,945.200.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$81,163.650.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$55,769.960.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO1\$72,131.860.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK, FSB1\$81,719.450.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION1\$84,128.220.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$75,831.780.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$92,482.800.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$78,022.640.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$80,714.780.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORT JACKSON FEDERAL CREDIT UNION1\$72,244.470.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE

CORPORATION 1\$72,756.740.51%0\$0.00NA0%0.00NA

(USA)1\$90,300.530.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IRWIN UNION BANK AND TRUST COMPANY1\$78,155.720.55%0\$0.00NA0\$0.00

COMPANY1\$74,496.830.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JEFFERSON MORTGAGE SERVICES

INC1\$88,544.080.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$74,429.390.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY

INC1\$96,293.700.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$95,379.620.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY BANK1\$90,134.330.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY4\$376,156.592.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$64,754.980.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD HOUSING SERVICES OF AMERICA,

 $INC1\$97,802.360.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORTHERN \ OHIOINVESTMENT$

COMPANY1\$76,535.170.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAVILION MORTGAGE

COMPANY1\$71,197.890.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PERPETUAL SAVINGS BANK1\$56,857.480.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE

CORPORATION1\$88,806.340.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SBC MORTGAGE, LLC1\$81,653.840.57%0\$0.00NA

MORTGAGE4\$335,163.622.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES

FUND48\$4,058,021.6028.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND / SKY

BANK1\$78,066.010.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP2\$150,934.531.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION1\$93,223.870.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$82,233.300.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$81,286.910.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE MORTGAGE

CORPORATION1\$73,411.880.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK1\$66,105.330.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY MORTGAGE COMPANY

INC1\$83,956.340.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$85,414.750.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$89,367.440.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$1,421,388.819.95%0\$

FARM CREDIT BANK3\$310,098.844.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

UNION1\$67,609.270.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HOME MORTGAGE

CORPORATION1\$109,109.321.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK,

TERRELL1\$102,406.711.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ATHOL-CLINTON CO-OPERATIVE BANK1\$84,271.071.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

RICO1\$98,550.811.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO1\$103,530.721.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA2\$179,400.932.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOTTOMLINE MORTGAGE, INC1\$107,806.211.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

THE1\$98,630.321.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRIS FEDERAL CREDIT UNION1\$109,521.531.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$106,438.371.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION1\$104,113.051.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS COMMERCIAL AND SAVINGS

BANK1\$101,762.371.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DOW CHEMICAL EMPLOYEES CREDIT

UNION1\$99,030.841.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS AND MERCHANTS TRUST

COMPANY1\$103,308.661.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CENTURY BANK2\$178,610.722.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$104,378.251.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK1\$103,736.331.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE CORPORATION1\$93,671.241.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

NEVADA MORTGAGE

SERVICES1\$104,698.341.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEFEDERAL BANK1\$87,961.111.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAGNA

BANK1\$105,148.691.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-AMERICA MORTGAGE

CORPORATION 1\$99,799.801.43%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

COMPANY5\$537,740.207.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$100,433.491.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION1\$97,600.741.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PERPETUAL SAVINGS BANK1\$80,451.371.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PUBLIC SERVICE EMPLOYEES CREDIT

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$95,004.521.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RABOBANK, \\ N.A1\$111,430.311.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL \\ CREDIT UNION1\$98,734.611.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE \\ BANK AND TRUST \end{tabular}$

COMPANY1\$115,698.701.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND4\$391,737.355.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP/CHARTER ONE

MORTGAGE1\$102,045.641.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES

FUND9\$909,739.0713.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$99,317.451.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN

UTAH1\$100,215.031.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS
BANK1\$96,106.021.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,277,824.0918.3%0\$
FARM CREDIT BANK2\$233,920.883.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE
BANK OF ILLINOIS1\$116,047.021.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO
SANTANDER PUERTO

RICO2\$254,060.273.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$123,402.281.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COAST BANK OF FLORIDA1\$110,976.381.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL STATE BANK1\$121,549.811.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$120,930.861.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION1\$115,328.641.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$99,691.521.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$124,802.241.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$115,034.271.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION1\$129,309.281.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC MORTGAGE CORPORATION

(USA)1\$124,227.461.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF COMMERCE1\$103,801.031.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

COMPANY1\$134,603.461.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY3\$392,713.615.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAVILION MORTGAGE

COMPANY1\$119,870.121.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENINSULA MORTGAGE BANKERS

CORPORATION2\$237,470.363.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION1\$135,816.491.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA R-G CROWN BANK1\$131,059.301.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST COMPANY1\$126,922.851.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND6\$676,317.359.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP / MARQUETTE

BANK1\$115,962.841.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND3\$337,108.364.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, A FEDERAL SAVINGS BANK1\$124,294.111.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNES CREDIT UNION1\$119,317.511.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION1\$113,005.091.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$117,329.401.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK3\$341,522.784.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,908,728.5326.73% HERITAGE FEDERAL CREDIT

UNION1\$143,738.082.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED MORTGAGE INC1\$124,841.491.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC1\$142,934.132.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$109,051.621.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC3\$437,384.236.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVANS NATIONAL BANK1\$144,633.972.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$127,923.792.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$144,156.352.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$137,671.542.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$297,532.284.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP1\$60,997.850.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK1\$104,230.561.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:bank} \begin{tabular}{ll} UNION1\$136,201.192.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IRWIN UNION BANK\\ AND TRUST COMPANY1\$127,580.212.03\%0\$0.00NA0\$0.$

INC1\$138,628.402.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LYONS MORTGAGE SERVICES, INC1\$108,975.241.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAYFLOWER COOPERATIVE

BANK1\$127,613.182.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY INC1\$143,317.822.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MINOTOLA NATIONAL BANK1\$142,356.982.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$128,765.892.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$152,144.732.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL3\$465,595.257.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NPB MORTGAGE LLC1\$142,714.982.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PFF BANK AND TRUST1\$137,126.642.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND1\$141,194.932.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND2\$287,975.224.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL

GROUP1\$150,930.662.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIB-THE INDEPENDENT BANKERSBANK1\$139,848.332.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VYSTAR CREDIT UNION1\$129,909.992.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON MUTUAL BANK, FA1\$109,619.711.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK2\$268,034.694.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,140,125.1518.11%0 MORTGAGE INC1\$169,244.882.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST1\$160,328.512.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITYWIDE BANK1\$125,972.442.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK AND TRUST

COMPANY1\$269,490.224.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK1\$149,377.132.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE CORPORATION4\$855,266.5913.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$180,415.432.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$306,467.324.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$241,303.443.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$172,378.922.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK1\$186,538.592.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE LENDERS NETOWRK USA,

INC1\$172,287.072.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY4\$917,653.5614.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW HORIZONS COMMUNITY CREDIT

UNION1\$218,951.523.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POLICE AND FIRE FEDERAL CREDIT UNION1\$197,268.823.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. MARYS BANK1\$238,804.853.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNSHINE MORTGAGE

CORPORATION1\$152,969.032.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT

UNION1\$192,738.243.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED COMMUNITY BANK1\$250,718.423.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$190,443.533.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$930,771.9214.83%0\$ CREDIT UNION1\$30,484.620.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AGFIRST FARM CREDIT BANK1\$67,382.120.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK OF ILLINOIS1\$36,104.990.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST CREDIT UNION1\$60,968.100.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

TERRELL1\$61,007.380.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED MORTGAGE INC1\$39,116.040.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

NATIONAL BANK,

RICO3\$153,972.160.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO1\$77,090.650.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$46,654.720.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA3\$168,569.950.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST3\$140,910.190.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$66,768.560.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC2\$92,681.540.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS MORTGAGE

CORPORATION1\$51,562.260.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMERCIAL BANK OF TEXAS, N.A1\$49,134.240.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CROWN BANK FSB1\$59,674.750.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY1\$23,202.290.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY1\$44,413.920.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EQUITY FINANCIAL GROUP3\$106,308.810.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ESB MORTGAGE COMPANY1\$70,316.570.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$68,772.890.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD - DEDICATED CHANNEL1\$49,472.940.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$58,857.330.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION1\$72,077.160.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME LOAN

CORPORATION2\$105,194.480.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION1\$28,641.870.15%0\$0.00NA0%0.00NA0\$0.00NA0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

ALASKA1\$58,568.470.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DECATUR1\$26,067.060.14%0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{l} UNION2\$84,456.270.44\%0\$0.00NA0\0.0

PASO1\$51,531.020.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$61,224.100.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HARWOOD STREET FUNDING I, LLC1\$30,024.960.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HIWAY FEDERAL CREDIT

 $\label{thm:control} UNION1\$67,024.850.35\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

LLC1\$63,682.940.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC MORTGAGE CORPORATION

(USA)3\$197,928.621.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KEYWORTH MORTGAGE FUNDING

CORPORATION1\$64,167.210.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$61,362.010.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$53,056.910.28%0\$0.00NA0

CORPORATION 1\$65, 705.360.34%0\$0.00 NA0\$0.00 N

SERVICES1\$28,573.090.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBERS MORTGAGE COMPANY

INC1\$71,757.440.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-STATE BANK1\$71,742.120.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST FINANCIAL CREDIT UNION1\$33,957.650.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

JANES BANK AND TRUST

 $COMPANY1\$46,616.630.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR\\ MORTGAGE, LLC/DBACHAMPION MORTGAGE$

COMPANY2\$135,591.040.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$69,605.150.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD HOUSING SERVICES OF AMERICA,

INC2\$83,637.910.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW SOUTH FEDERAL SAVINGS BANK1\$58,174.730.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE SERVICES

CORPORATION1\$23,978.070.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, NATIONAL

ASSOCIATION3\$83,955.190.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC. DBA POPULAR HOME

MORTGAGE1\$53,689.770.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS MORTGAGE, INC1\$56,376.660.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY1\$65,280.780.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND128\$6,510,431.0333.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$70,919.020.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP/NOIC1\$67,814.600.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FUND100\$5,597,648.8629.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND / FIRST NATIONAL BANK OF SOUTHWESTERN

OHIO1\$61,164.640.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND / SKY BANK7\$337,047.301.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP4\$197,417.471.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. JAMES MORTGAGE

CORPORATION1\$60,927.340.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$67,041.540.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP,

INC1\$38,262.490.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK1\$51,112.950.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEACHERS FEDERAL CREDIT UNION1\$40,628.200.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA U. S. MORTGAGE CORP2\$115,554.970.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAYNE BANK 1\$67,526.570.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAYNE BANK AND TRUST COMPANY1\$58,575.210.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CREDIT UNION1\$57,951.930.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTERNBANK PUERTO RICO1\$36,601.090.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WILMINGTON TRUST COMPANY1\$38,423.390.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK4\$251,935.181.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$1,535,586.147.96%0 BILBAO VIZCAYA ARGENTARIA PUERTO

RICO7\$1,604,449.5921.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION1\$124,051.981.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST3\$567,930.677.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$284,941.373.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY CREDIT UNION1\$127,122.071.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

HORIZON HOME LOAN

 $\label{thm:corporation4} CORPORATION4\$547,577.617.29\%0\$0.00NA0\$0.00N$

COMPANY1\$128,636.931.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE COMPANY1\$104,044.311.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$302,593.354.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW HORIZONS COMMUNITY CREDIT

UNION1\$311,576.644.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT COMPANY1\$131,503.351.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE1\$117,981.741.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP / MARQUETTE

BANK1\$134,090.201.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND /

SUNTRUST1\$275,563.943.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, A FEDERAL SAVINGS

BANK1\$121,577.421.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$2,449,248.0432.61% MORTGAGE

COMPANY2\$181,774.061.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION6\$478,533.602.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE CHANNEL3\$248,418.321.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT

UNION147\$12,654,648.0174.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEXSTAR DEDICATED CHANNEL1\$31,220.440.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION32\$2,745,314.2016.26%0\$0.00NA0\$0.00

MORTGAGE CORPORATION1\$86,419.670.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$268,431.551 MORTGAGE

COMPANY2\$216,324.950.7%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION3\$290,859.830.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESIDE DEDICATED CHANNEL1\$92,954.880.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:condition} \begin{tabular}{l} UNION245\$25,892,734.8883.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION37\$3,818,861.8912.3\%0\$0.00NA0\$$

COMPANY1\$99,466.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WACHOVIA MORTGAGE

CORPORATION2\$209,292.560.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$107,894.17 MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

 $\label{loop} CORPORATION1\$104,355.180.18\%0\$0.00NA0\0

UNION411\$51,180,637.1088.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION54\$6,321,727.8910.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$365,47

MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

MORTGAGE

CORPORATION1\$149,215.370.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE CHANNEL2\$275,411.550.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYWIDE

 $\label{toans} \begin{array}{l} \text{HOME LOANS, INC1\$143,026.920.21\%0\$0.00NA0\$0.00N$

COMPANY1\$137,974.260.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE COMPANY1\$143,054.400.21%0\$0.00NA0\$0.

UNION400\$59,009,822.4588.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION51\$7,124,302.5210.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 457\$66,982,80** MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION 6\$1,174,154.571.06%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

UNION418\$99,018,475.4289.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION48\$10,419,019.329.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK A FEDERAL SAVINGS

BANK, A FEDERAL SAVINGS BANK1\$248,392.750.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 473\$110,860,042.06100%0\$**

 $\label{lem:company2} COMPANY2\$102,829.891.38\%0\$0.00NA0\$0.00N$

CORPORATION4\$209,792.102.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE CHANNEL3\$199,733.692.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE,

INC1\$33,666.050.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY

MORTGAGE COMPANY4\$99,414.141.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT

 $\label{thm:conform} \begin{tabular}{l} UNION73\$4,662,934.1862.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION20\$1,176,992.9515.76\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES \\ \end{tabular}$

FUND4\$243,724.093.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON MUTUAL BANK, FA (DEDICATED

CHANNEL)2\$128,400.011.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$612,292.178.2% MORTGAGE

COMPANY1\$217,061.720.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE COMPANY1\$153,877.180.08%0\$0.00NA0\$0.

UNION849\$179,014,748.3494.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION54\$9,898,670.295.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND3\$472,851.410.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$133,432.910.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WACHOVIA MORTGAGE

CORPORATION2\$232,626.670.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$288,472.95 MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION2\$437,879.662.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT-DEDICATE CHANNEL1\$144,974.130.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL

CREDIT UNION84\$17,599,131.0487.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION9\$1,915,489.189.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 96\$20,097,474.0**0 FEDERAL CREDIT

UNION6\$1,560,842.6949.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION5\$1,251,490.0839.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$371,066 FEDERAL CREDIT

UNION20\$4,071,260.8090.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION2\$409,820.019.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$4,481,080.8110** USA FEDERAL CREDIT

 $UNION1\$522,\!561.009.13\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT$

UNION1\$215,212.283.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIHOME MORTGAGE

CORPORATION1\$187,549.183.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$164,922.742.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$148,939.912.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK

ALASKA1\$264,459.384.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK1\$373,391.816.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK1\$179,194.213.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE,

LLC1\$280,842.434.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$280,842.434.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION1\$150,178.122.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MASSACHUSETTS HOUSING FINANCE

 $AGENCY1\$113,853.691.99\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR\\ MORTGAGE, LLC/DBACHAMPION MORTGAGE$

COMPANY3\$741,942.0012.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL1\$223,368.623.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION1\$157,792.492.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN BANK & TRUST COMPANY1\$202,847.353.54%0\$0.00NA0

UNION1\$276,494.754.83%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

CORPORATION1\$128,393.642.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK1\$173,157.843.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,148,443.6420.05%0 SANTANDER PUERTO

RICO1\$64,045.234.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EQUITY COMPANY, LLC1\$46,985.263.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC2\$108,651.248.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC MORTGAGE CORPORATION

(USA)1\$59,925.044.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IVANHOE FINANCIAL INC1\$43,351.993.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARKET STREET MORTGAGE

CORPORATION1\$25,322.071.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MMS MORTGAGE SERVICES,

LTD1\$64,854.694.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY2\$107,557.838.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW SOUTH FEDERAL SAVINGS BANK1\$45,691.453.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION2\$56,198.674.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND5\$217,900.2616.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

RECOURSE1\$76,055.125.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND1\$32,455.132.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

CORPORATION1\$29,599.132.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK2\$107,670.668.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$214,745.2916.5%0\$0 MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION1\$156,771.070.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT

UNION1,010\$240,792,479.6294.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION59\$13,004,849.135.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $COMPANY1\$190,\!569.010.07\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0$

CHANNEL)2\$313,989.050.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1,073\$254,458,657.881**0 MORTGAGE

COMPANY1\$31,552.611.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

COMPANY1\$22,367.031.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKLIN BANK, SSB1\$74,265.293.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION23\$1,345,078.8963.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION6\$340,651.4316.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FUND1\$50,886.852.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON MUTUAL BANK1\$59,436.062.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON MUTUAL BANK, FA (DEDICATED)

CHANNEL)1\$54,735.502.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$134,575.726.37% FEDERAL CREDIT

UNION67\$14,613,537.1095.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION3\$731,471.434.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 70\$15,345,008.531** HOME MORTGAGE

CORPORATION1\$83,623.863.68%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

RICO1\$94,871.324.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO1\$88,346.503.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$70,711.113.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE MANHATTAN MORTGAGE

CORPORATION1\$86,368.813.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION1\$80,055.593.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FINANCIAL CARIBBEAN

CORPORATION2\$150,060.726.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$80,022.313.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SERVICES1\$91,790.244.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK1\$93,198.604.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY2\$172,901.167.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES FEDERAL SAVINGS AND LOAN ASSOCIATION OF SOUTH

CAROLINA1\$80,341.483.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

VENTURES FUND1\$71,916.543.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP/CHARTER ONE 5 YR

RECOURSE1\$79,344.203.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP2\$156,047.526.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CONSTRUCTION LOAN COMPANY, INC. DBA MEMBER HOME LENDING SERVICES,

INC1\$89,555.893.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAYNE

BANK1\$70,994.653.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK1\$83,676.063.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$548,135.8624.14%0\$0 GLOBAL MARKETS REALTY

CORPORATION5\$275,189.406.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYWIDE HOME LOANS, INC4\$163,638.903.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDMAN SACHS MORTGAGE

COMPANY1\$39,666.810.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

COMPANY51\$1,306,762.4031.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION34\$1,697,661.0140.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVERWAY BANK1\$63,781.291.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$658,014.8015.65%0\$ CHASE BANK, FSB - DEDICATED

 $CHANNEL1\$168,079.129.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY\\ FINANCIAL GROUP$

MORTGAGE1\$135,243.447.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME LOAN

CORPORATION1\$224,167.6012.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL3\$585,623.8333.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION1\$291,701.9916.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK2\$204,522.6211.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF SOUTHERN

UTAH1\$123,879.297.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,733,217.89100%0\$0.00** SOURCE

BANK1\$84,864.813.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK3\$323,020.0113.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$68,639.082.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$197,863.598.34%0\$0.00NA0\$0

L.L.C1\$146,173.226.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF OMAHA1\$104,805.584.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDEN BELT BANK, FSA1\$108,812.564.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO HOUSING AND FINANCE

ASSOCIATION5\$746,986.2931.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN STATES MORTGAGE CENTERS

INC1\$83,657.303.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORNL FEDERAL CREDIT UNION1\$115,630.694.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIERONE

BANK1\$47,816.872.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$216,673.349.14%0\$0.0 BANK1\$72,398.463.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE

 $COMPANY1\$48,\!441.772.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITIZENS\ FIRST\ MORTGAGE,$

LLC1\$103,183.614.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY SAVINGS

BANK1\$68,498.983.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION MORTGAGE CO1\$61,187.952.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CARMI1\$67,929.523.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF OMAHA1\$83,957.133.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORT CAMPBELL FEDERAL CREDIT

UNION1\$52,054.432.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MCCLAIN BANK, N.A1\$66,250.013.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE COMPANY1\$110,768.355.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$76,167.773.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$83,003.873.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWNE MORTGAGE COMPANY1\$130,400.135.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK2\$194,358.918. MORTGAGE COMPANY1\$149,427.266.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$58,909.962.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$763,910.7634.87%0\$0 HOME MORTGAGE

CORPORATION1\$103,054.144.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$108,345.114.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENS FIRST NATIONAL BANK1\$46,306.591.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NA COMMUNITY SAVINGS BANK1\$73,204.443.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA FIRST HAWAIIAN BANK1\$151,426.766.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.0

CARMI1\$23,681.441.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF OMAHA1\$41,782.071.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO HOUSING AND FINANCE

ASSOCIATION1\$66,296.282.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$61,615.882.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KENTUCKY HOUSING

CORPORATION1\$52,200.952.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK MORTGAGE

SERVICES1\$76,635.373.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGEAMERICA INC1\$111,376.054.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN STATES MORTGAGE CENTERS

 $INC1\$49,814.002.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY\\ MORTGAGE COMPANY1\$105,231.154.48\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN\\ MORTGAGE COMPANY4\$277,332.7211.8\%0\$0.00NA$

CORPORATION 1\$69,471.502.96%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

COMPANY1\$68,939.332.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY MORTGAGE

CORPORATION1\$73,845.333.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIERONE BANK1\$56,572.382.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK1\$59,291.452.52%0\$0 MORTGAGE,

FSB1\$160,447.096.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$117,968.355.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$161,826.836.88%0\$0

BANK1\$37,108.901.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK, N.A1\$65,718.142.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL NETWORK, INC1\$32,893.351.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$136,742.604.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP INC1\$193,996.496.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK3\$190,082.966.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL2\$127,105.444.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE GROUP1\$65,351.452.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MORTGAGE

COMPANY2\$142,390.435.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST NATIONAL BANK1\$63,368.712.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $COMPANY1\$60,635.582.14\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ DUBUQUE \ BANK \ AND \ TRUST$

COMPANY1\$67,147.022.37%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.0

COMPANY1\$61,381.312.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FEDERAL GUARANTY MORTGAGE COMPANY,

INC1\$97,551.343.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO1\$36,356.341.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$308,200.5810.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY, L.L.C1\$51,339.031.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SERVICES1\$60,313.392.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION1\$100,530.043.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$223,232.797.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$73,117.462.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAVILION MORTGAGE

COMPANY1\$120,414.154.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

 $COMPANY2\$91,\!331.803.22\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.$

BANK2\$145,974.415.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK1\$57,725.572.04%0\$
MORTGAGE COMPANY

(NERO)2\$71,491.265.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$52,734.054.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF

MISSISSIPPI2\$80,263.716.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE MANHATTAN MORTGAGE

CORPORATION1\$10,074.530.82%0\$0.00NA0

CORPORATION1\$19,156.031.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK MORTGAGE

SERVICES1\$28,059.792.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCANTILE BANK NATIONAL

ASSOCIATION1\$34,908.102.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIAMI COUNTY NATIONAL BANK1\$38,009.653.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

COMPANY1\$60,905.604.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW AMERICA

FINANCIAL, INC1\$59, 139.594.83%0\$0.00NA0%0.0

BANK1\$21,294.351.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEMPLE-INLAND MORTGAGE

CORPORATION3\$98,515.218.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS
BANK1\$64,333.665.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE MORTGAGE
CORPORATION3\$165,960.9513.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$203,180.3

HOME MORTGAGE

CORPORATION1\$89,190.331.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO4\$377,235.516.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO10\$931,653.3815%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$52,624.160.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST MORTGAGE, LLC1\$86,240.261.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

ASSOCIATION1\$89,126.621.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST AMERICAN CREDIT

UNION1\$87,663.621.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION1\$68,630.771.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$81,517.571.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 1\$89, 382.541.44%0\$0.00 NA0\$0.00 N

CORPORATION1\$89,586.791.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:collapse} UNION1\$88,\!611.061.43\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MISSOULA FEDERAL CREDIT UNION1\$91,\!227.001.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE$

COMPANY3\$246,565.623.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL2\$165,203.082.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$70,249.161.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PAVILION MORTGAGE

COMPANY2\$191,278.793.08%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

CORPORATION1\$81,594.851.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIDGEWOOD SAVINGS BANK1\$66,178.621.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF HELP VENTURES FUND2\$146,478.562.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL

GROUP2\$171,535.622.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$91,969.201.48%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$74,271.121.2\%0\$0.00NA0\0.0

INC1\$90,587.731.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$2,360,323.3337.99%0\$0BILBAO VIZCAYA ARGENTARIA PUERTO

 $RICO2\$211,009.326.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER \\ PUERTO RICO5\$535,505.2316.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL \\ MUTUAL SAVINGS BANK1\$96,463.782.9\%0\$0.00NA0\$0.00N$

THE1\$108,024.263.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK OF PROVO1\$101,073.073.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY FIRST CREDIT UNION OF

FLORIDA1\$112,573.413.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$115,585.993.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

COMPANY1\$97,333.992.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHEAST COMMUNITY CREDIT

 $\label{thm:constraint} $$ \text{UNION1}$106,063.233.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT \\ \text{BANK1}$99,129.152.98\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD BANK AND \\ \text{TRUST COMPANY1}$103,418.643.11\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE \\ \text{HUNTINGTON NATIONAL}$

BANK1\$109,744.053.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS
BANK3\$284,745.208.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,246,804.2337.46%
BANK, NA1\$117,023.352.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO
VIZCAYA ARGENTARIA PUERTO

RICO3\$376,622.637.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO7\$904,028.2518.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$103,259.752.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$128,907.352.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD BANK1\$122,321.672.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$107,263.402.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST TECHNOLOGY CREDIT UNION1\$121,859.242.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$123,712.912.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY BUSINESS BANK1\$139,379.742.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE, LLC1\$128,729.212.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$121,804.812.55%0\$0.00NA0\$0.

UNION1\$115,924.942.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$113,243.422.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STAR FINANCIAL GROUP, INC1\$106,163.132.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY MORTGAGE COMPANY

 $INC1\$107,687.142.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD \ SAVINGS \ AND \ LOAN \ ASSOCIATION1\$105,523.242.21\%0\$0.00NA0\$0.$

SAVINGS
BANK3\$327,349.616.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,286,979.8326.91%
BILBAO VIZCAYA ARGENTARIA PUERTO

RICO1\$147,205.294.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO1\$150,490.494.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE1\$148,643.864.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$125,392.144.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JAMES B. NUTTER AND

COMPANY1\$155,928.015.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY

MORTGAGE

COMPANY1\$140,501.404.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY3\$476,408.1915.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$154,914.145.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$126,509.024.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL GROUP1\$131,745.264.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING CAPITAL MORTGAGE

COMPANY1\$99,223.083.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$147,646.174.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,038,047.2334.11%0 NATIONAL BANK IN CANNON

 $FALLS1\$167,143.943.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC\ MORTGAGE\ CORPORATION2\$408,921.298.66\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC\ MORTGAGE,$

LLC2\$575,184.0612.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY1\$347,688.027.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$185,704.843.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YADKIN VALLEY BANK AND TRUST

COMPANY1\$198,028.294.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$2,837,313.3360. BUILDING AND LOAN

ASSOCIATION1\$55,068.350.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK OF ILLINOIS1\$12,844.040.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$52,709.070.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA1\$67,237.180.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO15\$944,503.969.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF ABBEVILLE AND TRUST CO1\$34,860.400.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA2\$83,607.040.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF MISSISSIPPI3\$146,156.321.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST1\$27,337.770.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK CREDIT UNION1\$65,973.720.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY1\$65,114.270.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST NATIONAL BANK1\$35,574.870.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUCORP INC1\$57,360.930.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRYADES SAVINGS BANK, FSB1\$57,897.140.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST COMPANY1\$36,808.990.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXTRACO MORTGAGE1\$55,032.230.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAA CREDIT UNION1\$60,118.500.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FARMERS STATE BANK OF WEST SALEM1\$40,297.550.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF

SC1\$43,287.100.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAFIRST EASTERN MORTGAGE

CORPORATION1\$50,865.960.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE

MIDWEST1\$58,277.720.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK2\$89,425.670.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK2\$127,995.911.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$56,077.930.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORT BLISS FEDERAL

CREDIT UNION

CUSO1\$19,190.790.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU1\$53,498.950.51%0\$0.00NA0\$0.0

CORPORATION1\$58,152.200.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMAC MORTGAGE,

LLC1\$56,517.170.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOVERNMENT EMPLOYEES CREDIT UNION OF EL

PASO1\$55,160.980.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$71,315.670.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$65,081.620.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERITAGE COMMUNITY

BANK1\$32,771.240.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK CORPORATION2\$84,213.280.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL BANK OF

COMMERCE1\$23,037.220.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL HOME CAPITAL

CORPORATION1\$35,463.120.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IRWIN MORTGAGE

 $CORPORATION 1\$58,\!530.160.56\%0\$0.00NA0\%0.00NA0\%0.00N$

COMPANY1\$43,809.860.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEGACY BANK1\$57,680.350.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION 1\$73,759.640.71%0\$0.00NA0%0.00NA

 $UNION1\$48,\!852.070.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NATIONAL \ CITYMORTGAGE$

COMPANY5\$244,589.702.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC/DBACHAMPION MORTGAGE

COMPANY3\$193,518.931.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEIGHBORHOOD HOUSING SERVICES OF AMERICA,

INC2\$61,540.480.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$63,376.350.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

 $\label{eq:company} COMPANY1\$57,884.030.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO$$

CORPORATION1\$71,981.600.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLEASANT PLAINS STATE BANK1\$41,229.490.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA PNC BANK, N.A1\$26,156.850.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA PNC BANK, NATIONAL

ASSOCIATION2\$76,681.410.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT FUNDING ASSOCIATES,

 $L.P1\$60,\!535.580.58\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN \\ MORTGAGE COMPANY1\$64,\!105.680.61\%0\$0.00NA0\$0.$

FUND43\$1,863,326.2017.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SELF-HELP VENTURES FUND / SKY

BANK1\$61,897.770.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SKY FINANCIAL

GROUP3\$191,920.541.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE EMPLOYEES CREDIT UNION1\$43,634.310.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING CAPITAL MORTGAGE

COMPANY1\$22,654.840.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL BANK1\$14,171.200.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNION PLANTERS BANK

NA1\$40,246.570.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK1\$68,270.560.65%0\$0.00 NATIONAL BANK1\$34,856.750.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS AND LOAN

ASSOCIATION2\$89,156.790.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK51\$1,987,475.8119%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YADKIN VALLEY BANK AND TRUST

COMPANY1\$67,034.060.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$1,735,287.7316. BILBAO VIZCAYA ARGENTARIA PUERTO

RICO11\$1,936,885.7250.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO1\$183,714.714.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

 $\label{lem:mortgage1} MORTGAGE1\$204,138.125.31\%0\$0.00NA0\0.0

 $RECOURSE1\$215,\!591.085.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TAYLOR, BEAN AND WHITAKER MORTGAGE$

CORPORATION1\$134,176.773.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,014,253. BILBAO VIZCAYA ARGENTARIA PUERTO

 $RICO2\$270,\!210.9612.54\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARVER FEDERAL SAVINGS BANK1\$160,\!602.637.45\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHASE HOME FINANCE, LLC1\$134,\!138.996.23\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD$

BANK4\$611,660.5728.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$977,972.5845.39%0 BILBAO VIZCAYA ARGENTARIA PUERTO

 $RICO1\$164,\!471.184.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NABANCO\ SANTANDER\ PUERTO$

SAVINGS

CITY MORTGAGE

PUERTO RICO11\$2,533,640.1964.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,259,356.3431.82

COMPANY1\$65,197.871.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION25\$2,220,285.9266.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION10\$872,466.6026.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

N.A1\$85,215.482.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$83,934.062.53%0\$0.00NA BANK, SSB1\$106,214.704.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION15\$1,644,549.6863.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION5\$536,091.0920.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$318,562.1 MORTGAGE VENTURES,

LLC1\$114,191.561.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESIDE DEDICATED CHANNEL1\$125,040.721.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION38\$4,750,341.1365.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION16\$2,040,993.5727.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$263,45 FEDERAL CREDIT

UNION33\$4,949,774.7394.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION1\$150,022.282.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$141,124.59 INC1\$280,288.270.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION185\$43,666,331.8297.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION1\$170,069.850.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$645,214.30 BANK1\$61,198.561.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENDANT MORTGAGE CORPORATION DBA PHH MORTGAGE SERVICES

CORPORATION1\$61,691.261.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESIDE DEDICATED

CHANNEL3\$164,484.074.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE COMPANY3\$146,024.704.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION19\$1,047,652.8229.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION29\$1,580,075.8844.96%0\$0.00NA0\$0.00

CHANNEL)2\$100,476.162.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

CITY MORTGAGE

FEDERAL CREDIT

BANK, N.A1\$62,610.191.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$218,109.206.2%0\$0.00NA

COMPANY1\$162,094.901.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NAVY FEDERAL CREDIT UNION34\$8,078,894.7477.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION10\$1,966,129.1118.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WACHOVIA MORTGAGE

MORTGAGE CORPORATION1\$152,166.811.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 46\$10,359,285.561**

UNION32\$7,163,522.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$7,163,522.06100%0\$**0

CORPORATION1\$48,067.621.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLFIRST BANK1\$46,230.781.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA2\$90,648.852.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$59,988.891.64%0\$0.00N FINANCIAL

CORPORATION1\$238,990.696.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BRENTON MORTGAGES, INC2\$64,422.091.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLUMBIA RIVER BANKING COMPANY DBA COLUMBIA RIVER MORTGAGE

GROUP1\$54,077.061.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY BANK, N.A1\$121,031.813.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DELMAR FINANCIAL COMPANY4\$315,977.958.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY1\$106,584.962.91%0\$0.00NA0\$0

OHIO1\$82,516.092.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF

TYLER1\$47,558.801.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST GUARANTY MORTGAGE

CORPORATION1\$434,099.4711.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$155,689.324.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

MANHATTAN1\$66,781.241.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOGAN COUNTY BANK1\$42,412.501.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$34,020.180.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAIN STREET BANK

AND TRUST1\$45,809.811.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK MORTGAGE SERVICES1\$69,323.201.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MELLON MORTGAGE COMPANY,

 $\label{thm:contour} HOUSTON1\$81,329.262.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT$

COMPANY1\$68,080.121.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

COMPANY1\$135,839.093.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND TRUST1\$61,306.811.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST

COMPANY1\$41,286.101.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK1\$149,319.514.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TIB-THE INDEPENDENT BANKERSBANK1\$45,767.521.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRAVERSE MORTGAGE

CORPORATION1\$42,386.831.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTCORP MORTGAGE

COMPANY 1\$87,129.232.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIONBANK 1\$50,508.821.38 MORTGAGE, FSB1\$95,713.572.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WOODLANDS NATIONAL

BANK1\$155,781.794.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$306,587.438.39%0\$0 BILBAO VIZCAYA ARGENTARIA PUERTO

RICO1\$92,385.391.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO2\$171,128.663.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF MISSISSIPPI2\$153,744.123.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EQUITY COMPANY, LLC1\$61,721.151.26%0\$0.00NA

CHANNEL1\$88,001.891.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD BANK1\$78,918.901.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP1\$90,780.251.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION HILLS MORTGAGE

CORPORATION1\$77,629.221.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONAL CITY MORTGAGE

COMPANY1\$93,303.751.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE COMPANY - DEDICATED

CHANNEL2\$190,920.533.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE SERVICES

CORPORATION1\$67,296.991.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNION PLANTERS BANK NA1\$76,003.101.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK6\$464,911.489.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$3,191,272.0065.17% SANTANDER PUERTO

RICO2\$198,871.8917.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD

BANK1\$110,241.889.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE

CORP1\$103,658.048.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS

BANK2\$198,609.3017.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$541,068.0946.95%0 SANTANDER PUERTO

RICO2\$242,165.007.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BISHOPS GATE RESIDENTIAL MORTGAGE

TRUST2\$236,726.467.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL FEDERAL TRUST AND SAVINGS

BANK1\$119,948.643.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA U. S. MORTGAGE CORP1\$119,185.953.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK2\$223,501.786.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,322,584.0071.16% MORTGAGE

CORPORATION1\$113,257.327.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO2\$310,385.9420.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ST. ANNES CREDIT UNION1\$116,538.787.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS BANK1\$58,720.323.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$927,730.4760.77%0\$0 FEDERAL SAVINGS

BANK1\$45,837.060.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AEGIS MORTGAGE CORPORATION10\$397,099.574.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK1\$26,409.070.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARVEST MORTGAGE

COMPANY1\$42,684.980.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED MORTGAGE INC1\$37,134.870.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

RICO1\$76,388.230.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO RICO7\$412,732.144.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA NA1\$45,598.980.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF MISSISSIPPI2\$79,880.710.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BNY MORTGAGE COMPANY, INC1\$15,481.240.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$63,324.070.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTEX HOME EOUITY COMPANY,

LLC4\$193,772.702.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIGROUP GLOBAL MARKETS REALTY

CORPORATION2\$65,389.420.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY NATIONAL BANK OF SULPHUR

SPRINGS1\$67,222.860.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CONSOLIDATED BANK AND TRUST

COMPANY1\$72,513.000.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD BANK1\$75,650.680.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK & TRUST COMPANY OF SC2\$95,881.841.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HORIZON HOME LOAN

CORPORATION1\$58,817.750.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C1\$67,555.380.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY FUNDING DIVERSIFIED MORTGAGE

SERVICES1\$53,719.460.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HIBERNIA NATIONAL BANK1\$66,765.880.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

(USA)1\$27,795.270.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KEYWORTH MORTGAGE FUNDING

CORPORATION 1\$59,824.280.65%0\$0.00 NA0\$0.00 NA

FREEPORT1\$40,688.220.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE BANKERS SERVICE

 $\label{lem:corporation} CORPORATION1\$38,392.730.41\%0\$0.00NA0$0.00NA0$

CHANNEL1\$28,318.730.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA OLD FORT BANKING COMPANY1\$55,537.390.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARK WEST BANK AND TRUST COMPANY1\$37,188.470.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE SERVICES

 $\label{thm:corporation:solut$

CORPORATION1\$25,539.350.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNION PLANTERS BANK

NA5\$193,211.452.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHITNEY NATIONAL BANK1\$15,789.770.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WORLD SAVINGS AND LOAN ASSOCIATION4\$117,464.561.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK21\$756,468.948.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable125\$5,171,211.8255.80 INC1\$118,906.185.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GOLDMAN SACHS MORTGAGE COMPANY1\$125,135.206.28%0\$0.00NA0\$

CORPORATION9\$1,136,542.9657.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WACHOVIA MORTGAGE

CORPORATION1\$124,923.296.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

N.A1\$122,455.036.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$364,861.9018.31%0\$0.00 SOURCE BANK12\$2,095,163.410.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLY BANK65\$14,235,523.001.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY3\$609,100.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC433\$67,226,163.674.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLE TAYLOR BANK5\$910,521.550.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA16\$2,994,589.250.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS BANK15\$2,366,191.640.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD12\$2,392,286.440.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK24\$4,733,967.690.34

THIRD BANK25\$5,606,917.140.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK DBA FIRST BANK

MORTGAGE 16\$2,184,879.240.16%0\$0.00NA0%0.00N

SC2\$179,000.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION 50\$8,144,513.440.58%0\$0.00 NA0\$0.00 NA0\$0.0

CORPORATION51\$8,379,358.750.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANKLIN AMERICAN MORTGAGE

COMPANY8\$1,601,592.910.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP2\$315,400.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B5\$1,020,502.670.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT UNION2\$580,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK11\$2,261,590.190.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION61\$15,600,946.611.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT

 $BANK10\$930,\!550.000.07\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN\ CHASE\ BANK,\ NATIONAL$

ASSOCIATION 391\$96,218,057.726.85%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%

UNION16\$2,240,341.220.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS AND TRADERS TRUST

COMPANY1\$87,000.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES7\$1,771,044.200.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE,

LLC32\$6,275,278.190.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY12\$1,858,054.180.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING23\$5,336,124.780.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP3\$897,500.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION143\$26,812,178.261.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A2\$193,461.100.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC23\$4,900,100.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC477\$103,914,401.367.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$315,138.440.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK66\$9,843,748.950.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE MORTGAGE COMPANY,

LLC15\$3,499,298.690.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

ASSOCIATION16\$2,605,893.180.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB52\$7,683,376.530.55%0\$0.00NA0\$0.00

 $BANK12\$3,004,770.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTONEGATE \\ MORTGAGE$

 $CORPORATION11\$1,668,233.490.12\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNTRUST\\ MORTGAGE INC59\$14,565,744.491.04\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BRANCH BANKING AND TRUST$

COMPANY9\$1,266,635.530.09%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

BANK15\$1,864,273.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATRUSTMARKNATIONAL

BANK13\$1,528,053.240.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEBSTER BANK, N.A31\$5,964,327.310.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A1,892\$377,214,194.4826.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2,610\$577,088,9 OF AMERICA, N.A1\$229,242.870.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS BANK4\$1,212,974.483.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CROWN MORTGAGE COMPANY1\$150,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY

MORTGAGE, LTD1\$228,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK4\$1,639,570.004.57%0\$

MORTGAGE5\$719,619.702.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK6\$1,605,336.314.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK DBA FIRST BANK

CREDIT

UNION2\$250,737.870.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$326,473.470.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC2\$510,150.001.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC2\$348,560.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION3\$540,000.001.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB9\$2,537,980.647.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$215,068.350.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK4\$764,562.462.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$756,182.352.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$396,388.751.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable83\$23,444,359.9665.35% SOURCE BANK20\$4,933,012.980.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA, N.A6\$923,065.300.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKERS GUARANTEE TITLE AND TRUST

 $COMPANY 8\$1,\!304,\!060.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS.$

INC9\$2,556,794.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK71\$20,118,133.193.42% MORTGAGE CORP1\$400,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC32\$8,458,877.961.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B32\$7,161,938.971.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT

UNION16\$3,375,289.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK284\$75,378,218.0612.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK23\$5,275,300.000.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MICHIGAN CREDIT UNION60\$13,418,570.772.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA26\$5,945,586.911.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES6\$972,563.270.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC35\$9,473,097.721.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION21\$2,984,662.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP14\$2,920,186.360.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PIONEER BANK26\$4,976,931.840.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A9\$1,821,634.470.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C37\$9,835,327.781.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC31\$7,932,324.001.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB92\$20,738,796.173.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC145\$36,772,081.266.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STONEGATE MORTGAGE

CORPORATION 2\$385,685.550.07%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

BANK1\$79,920.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK83\$14,550,881.142.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK.

N.A4\$865,205.060.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,255\$325,184,811.5055.2 SOURCE BANK3\$742,500.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA, N.A3\$861,503.550.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CROWN

MORTGAGE

COMPANY4\$549,244.220.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK11\$3,001,484.53 MORTGAGE CORP1\$370,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC14\$3,315,947.002%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B21\$4,526,760.172.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT UNION2\$538,200.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK55\$14,915,574.859%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK13\$1,129,100.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MICHIGAN CREDIT UNION5\$1,083,260.550.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA24\$3,944,659.122.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC15\$4,118,856.712.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION10\$2,046,224.721.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP4\$598,843.910.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A11\$2,458,833.431.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C11\$2,437,806.821.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB3\$776,723.500.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC66\$12,861,472.137.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL BANK1\$84,600.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK5\$805,838.560.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA U.S. BANK N.A4\$498,861.840.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable508\$104,136,241.4662.82% BANK102\$19,080,464.7611.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA,

N.A3\$916,681.570.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC313\$38,363,923.6724.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS BANK5\$849,812.440.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC4\$611,407.730.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LTD6\$940,600.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK4\$456,573.170.29%0\$0. BANK DBA FIRST BANK

MORTGAGE1\$123,000.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL MARKETS

CORPORATION15\$2,275,259.001.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY2\$192,760.390.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP2\$498,592.100.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

ASSOCIATION 16\$3,444,998.742.17%0\$0.00NA0%0.00NA0%0.

SERVICES1\$172,850.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC16\$2,418,022.771.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAQ\$0.00N

LLC3\$766,850.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB4\$381,848.420.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNTRUST MORTGAGE INC7\$897,100.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE2\$346,854.030.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE

HUNTINGTON NATIONAL

BANK4\$463,682.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A108\$23,544,753.6314.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable208\$40,106,261.6625 SOURCE BANK2\$515,450.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL ONE, NATIONAL ASSOCIATION2\$442,050.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION1\$407,513.590.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC12\$1,903,160.201.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIFTH THIRD BANK19\$3,286,622.521.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL MARKETS

CORPORATION19\$4,076,521.762.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

ASSOCIATION263\$59,743,167.9136.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \mbox{UNION2$233,800.000.14\%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL$

SERVICES3\$980,800.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC4\$648,050.510.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING8\$2,073,261.381.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP2\$505,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION6\$1,863,261.481.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC149\$34,725,265.4821.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB6\$971,633.730.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY12\$2,638,949.771.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL

BANK3\$309,753.140.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK1\$189,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA U.S. BANK N.A9\$1,616,954.180.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable181\$47,030,909.4928.55 ONE, NATIONAL

ASSOCIATION6\$1,217,579.040.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CIT BANK, NATIONAL

ASSOCIATION3\$888,768.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC578\$121,231,051.2613.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CRESCENT MORTGAGE

COMPANY2\$334,250.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC6\$1,102,737.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LTD10\$2,180,998.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK97\$20,034,332.082.20
THIRD BANK11\$1,982,625.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR
CAPITAL MARKETS

CORPORATION 100\$21,378,366.022.42%0\$0.00NA0\$

ASSOCIATION1,091\$203,321,827.9222.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$147,200.000.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL \\ \begin{tabular}{ll} \end{tabular}$

SERVICES2\$532,125.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC168\$36,867,892.324.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SERVICING 44\$10,628,374.451.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP1\$142,800.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION 93\$19,624,169.872.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A81\$19,127,919.172.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC6\$1,781,803.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC1,463\$344,380,817.6738.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB2\$435,900.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS

BANK10\$2,598,905.650.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STONEGATE MORTGAGE

CORPORATION4\$680,618.010.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL

BANK23\$3,485,236.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATRUSTMARKNATIONAL

BANK4\$574,093.040.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable284\$68,324,671.947.74 GUARANTEE TITLE AND TRUST

COMPANY1\$68,000.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

 $COMPANY11\$1,403,211.910.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE,\\INC190\$26,483,556.395.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS\\FA39\$4,630,990.950.89\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS\\BANK44\$6,221,812.761.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME$

LOANS,
INC3\$436,400.000.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK4\$812.399.850.16%0\$0.0

MORTGAGE1\$164,000.000.03%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

MORTGAGE 13\$1,102,003.200.21%0\$0.00NA0%0.00NA0%0.00N

MORTGAGE SERVICING, INC. DBA IMPAC

ASSOCIATION60\$8,054,964.001.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL MARKETS

CORPORATION8\$1,129,675.970.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC4\$825,500.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B1\$127,279.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK11\$1,524,525.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION428\$76,626,192.5714.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION20\$2,313,276.170.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS AND TRADERS TRUST

COMPANY1\$111,707.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES2\$589,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC1\$127,183.300.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A77\$12,753,181.932.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC13\$2,536,939.250.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LOANS INC116\$20,552,904.783.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK43\$6,917,161.311.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOVEREIGN BANK, NATIONAL

 $ASSOCIATION4\$904,441.570.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB2\$450,000.000.09\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNTRUST MORTGAGE INC52\$8,970,492.471.72\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE3\$429,000.000.008\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BRANCH BANKING AND TRUST <math display="block"> \frac{1}{3} \frac{1}{3}$

COMPANY1\$186,000.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL

BANK48\$6,144,705.361.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK25\$2,348,295.460.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

N.A182\$33,470,796.486.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,513\$289,600,617.5 BANK66\$8,196,018.041.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL ONE, NATIONAL

ASSOCIATION15\$1,999,136.840.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHICAGO MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$92,099.110.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC809\$65,506,859.4811.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLE TAYLOR BANK1\$139,011.100.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS BANK15\$1,846,147.680.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC14\$1,405,350.240.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

LTD6\$1,211,511.110.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK13\$1,971,488.800.34% BANK DBA FIRST BANK

MORTGAGE2\$308,787.890.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL MARKETS

CORPORATION 10\$1,348,428.440.24%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

COMPANY1\$117,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE

CORP2\$175,000.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B5\$935,098.230.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK11\$1,589,225.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK6\$632,500.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION481\$76,521,756.3913.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:constraint} \mbox{UNION8\$926,334.930.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \mbox{MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL}$

SERVICES2\$271,400.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC3\$341,708.730.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING13\$2,819,122.620.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP1\$193,470.890.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION146\$22,579,927.773.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A59\$8,048,973.131.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC3\$699,000.000.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC287\$49,960,670.558.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE

MORTGAGE COMPANY,

 $\label{loss} LLC8\$1,351,600.000.24\%0\$0.00NA0$

CORPORATION3\$369,993.920.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNTRUST MORTGAGE INC111\$14,194,133.512.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$73,800.000.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL

BANK8\$1,022,945.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK4\$475,659.990.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK,

N.A771\$112,346,899.2219.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,109\$178,419,577 SOURCE BANK69\$11,442,449.494.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKERS GUARANTEE TITLE AND TRUST

COMPANY3\$356,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK18\$5,243,975.475 MORTGAGE GROUP

LLC1\$352,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B2\$691,250.890.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT

UNION10\$1,934,000.000.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK38\$8,756,698.433.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION4\$684,240.780.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\begin{tabular}{l} UNION19\$4,265,164.761.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA7\$1,598,743.000.64\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC7\$2,037,355.000.81\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C8\$1,517,280.000.6\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC19\$4,374,106.971.74\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB16\$3,695,360.581.47\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$199,127.610.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL \\ \end{tabular}$

BANK70\$9,944,464.373.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable833\$193,973,809.06 SOURCE BANK14\$1,379,536.440.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICA, N.A5\$953,129.720.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKERS GUARANTEE TITLE AND TRUST

 $\label{lem:company3} COMPANY3\$311,800.000.12\%0\$0.00NA0\$0.00N$

 $COMPANY9\$1,\!317,\!278.000.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACIT BANK, NATIONAL$

ASSOCIATION 2\$601,900.010.23%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

INC4\$705,850.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK17\$4,038,854.741.51%0\$
NATIONAL BANK OF

OMAHA16\$1,991,000.000.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE CORP4\$435,465.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC7\$2,157,891.000.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B21\$3,626,513.601.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT

UNION7\$1,442,070.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET

BANK79\$15,923,102.535.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INDEPENDENT BANK6\$1,414,700.000.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MICHIGAN CREDIT

 $UNION17\$3,\!470,\!964.721.3\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MANUFACTURERS AND TRADERS TRUST$

COMPANY4\$671,001.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA30\$5,795,504.122.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$167,825.000.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE,

LLC24\$4,472,251.371.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP8\$1,535,999.190.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A12\$1,634,947.190.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C26\$5,865,335.742.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC1\$408,800.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB42\$9,929,822.033.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC29\$5,870,655.372.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL

BANK25\$4,212,142.311.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable856\$186,665,575.880 OF AMERICA, N.A1\$210,961.850.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

COMPANY1\$124,500.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC14\$3,871,428.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA9\$1,932,046.110.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMPASS BANK2\$247,105.210.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK3\$1,080,848.510.24%0

THIRD BANK131\$24,126,069.625.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST BANK DBA FIRST BANK

MORTGAGE7\$951,526.810.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC1\$189,600.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS,

LLC1\$195,985.000.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HANSCOM FEDERAL CREDIT UNION1\$205,500.000.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION 56\$15,441,702.323.44%0\$0.00 NA0\$0.00 NA0\$0.

 $\label{thm:constraint} \mbox{UNION1\$156,000.000.008.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \mbox{MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL}$

SERVICES12\$2,947,800.810.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC3\$586,030.060.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION105\$23,032,600.775.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC14\$3,607,800.000.8%0\$0.00NA0\$0

 $\label{thm:corporation} CORPORATION 4\$683,700.000.15\%0\$0.00 NA0\$0.00 NATIONAL$

BANK1\$112,500.000.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK1\$111,000.000.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FARGO BANK,

N.A237\$55,450,112.2712.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,075\$279,686,387. BANK, NATIONAL

ASSOCIATION1\$362,165.430.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC177\$35,105,988.0827.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC3\$595,700.000.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL MARKETS

CORPORATION10\$1,630,770.441.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION10\$1,063,071.910.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES1\$345,000.000.27%0\$0.00NA0\$0

CORPORATION26\$4,870,794.983.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A26\$4,432,458.563.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC273\$51,896,083.0741.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB2\$165,150.000.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BRANCH BANKING AND TRUST

COMPANY8\$1,524,768.191.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$2,107,716.40 ONE. NATIONAL

ASSOCIATION15\$7,197,468.601.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC19\$10,040,764.541.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK42\$22,017,509.833.3 CAPITAL MARKETS

CORPORATION1\$445,000.000.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION238\$124,699,761.6118.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES15\$7,620,774.431.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEW PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING3\$1,394,338.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP1\$450,000.000.007%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE CORPORATION29\$13,754,661.402.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC12\$6,406,462.000.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC57\$30,773,716.014.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK8\$3,773,050.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BRANCH BANKING AND TRUST

COMPANY11\$5,409,514.250.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable790\$423,511,08 ONE, NATIONAL

ASSOCIATION3\$1,597,844.751.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIMORTGAGE, INC11\$5,194,498.083.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD2\$910,800.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK10\$5,485,028.524.08%0

CAPITAL MARKETS

CORPORATION 2\$912,590.000.68%0\$0.00NA0\$0.00N

ASSOCIATION12\$6,411,247.784.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION3\$1,560,000.001.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROSPECT MORTGAGE, LLC9\$5,205,700.003.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA QUICKEN LOANS INC18\$9,451,472.427.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

SAVINGS BANK3\$1,520,776.311.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BRANCH BANKING AND TRUST

COMPANY4\$1,851,340.401.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable175\$93,761,978. HOME LOANS,

INC2\$221,808.541.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK7\$629,112.813.29%0\$0.0 BANK DBA FIRST BANK

MORTGAGE5\$481,945.002.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC6\$752,950.003.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS,

 $\label{localization} LLC2\$323,750.001.69\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK\\ F.S.B1\$80,000.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET\\ BANK3\$511,400.002.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE\\ BANK, NATIONAL$

ASSOCIATION 1\$277,606.561.45%0\$0.00NA0\$0.00N

SERVICES 3\$515,209.002.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE,

LLC9\$2,304,613.5212.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENNYMAC CORP1\$110,000.000.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A3\$813,462.794.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS BANK5\$468,504.952.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK, FSB1\$151,400.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC4\$528,677.982.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

LLC5\$818,007.004.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable76\$9,409,752.7449.15%0\$0.00DA AMERICA,

N.A8\$1,106,705.454.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COLONIAL SAVINGS FA4\$507,506.651.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC4\$513,545.541.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVOY MORTGAGE, LTD2\$130,970.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK12\$1,112,350.924.31%0 MORTGAGE CORP1\$73,400.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC3\$292,385.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS, LLC2\$265,000.001.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARANTY BANK F.S.B2\$131,001.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMESTREET BANK10\$1,488,727.515.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HSBC BANK USA, NATIONAL

ASSOCIATION2\$535,732.172.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METLIFE BANK, NA5\$860,265.003.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES4\$780,600.003.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC9\$1,818,875.007.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PNC BANK, N.A4\$930,139.273.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PULTE MORTGAGE, L.L.C1\$110,989.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SALEM FIVE MORTGAGE COMPANY,

LLC3\$488,459.001.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC5\$1,111,200.004.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STERLING SAVINGS BANK3\$364,900.001.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE2\$219,400.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE HUNTINGTON NATIONAL

 $BANK2\$107,\!155.000.42\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL$

BANK1\$283,371.231.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable90\$12,583,412.1148.73% ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES3\$1,482,000.004.29%0\$0.00NA0%0.00NA0

INC9\$4,911,350.0014.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING,

INC4\$2,019,128.945.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 48\$26,093,923.3675.63%080.00NA0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

 $BANK3\$385,\!331.100.86\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACITIMORTGAGE,$

INC298\$24,711,598.7255.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA

BANK1\$113,520.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMBRACE HOME LOANS, INC2\$202,200.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR

CAPITAL MARKETS

CORPORATION1\$83,060.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION12\$1,519,730.153.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PHH MORTGAGE

CORPORATION 2\$583,805.241.3%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

N.A9\$1,056,862.192.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAQ\$0.00NAQ\$0.00NA

INC3\$589,300.001.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REGIONS

BANK5\$320,881.480.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE FARM BANK,

 $FSB2\$295,\!200.000.66\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\\ STONEGATE\ MORTGAGE$

CORPORATION 1\$69,000.000.15%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

MORTGAGE INC6\$659,269.941.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE

HUNTINGTON NATIONAL

BANK2\$175,945.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A37\$3,310,069.417.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable94\$10,718,976.1923.93 MORTGAGE GROUP

 $LLC7\$1,050,661.5645.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN \ CHASE \ BANK, NATIONAL$

ASSOCIATION 2\$144,358.806.23%0\$0.00 NA0\$0.00 N

CORPORATION1\$124,557.005.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNTRUST

MORTGAGE INC3\$290,115.0312.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$708,080.8830.55%0\$0.

MORTGAGE,
LLC2\$996,216.8021.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$3,732,300.0078.93%0\$
BANK1\$84,671.912.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREEDOM MORTGAGE
CORP2\$348,000.009.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE

BANK, NATIONAL

ASSOCIATION2\$145,930.264.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONSTAR MORTGAGE, LLC4\$841,794.4123.44%0\$0.00NA0\$0.00N

N.A3\$349,771.019.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,533,310.8542.71%0\$ INC13\$1,949,223.1547.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FLAGSTAR CAPITAL

MARKETS
CORPORATION1\$39,026.030.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$2,113,232...
INC40\$2.963.880.3649.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IPMORGAN CHASE

INC40\$2,963,880.3649.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA JPMORGAN CHASE BANK, NATIONAL

ASSOCIATION 47\$2,542,530.4842.21%0\$0.00NA0%0.00NA0%0.00NA0%0

INC3\$207,577.553.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$310,060.295.14%0\$0.00 N.A3\$710,850.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 3\$710,850.00100%0\$0.00 0\$0.0** CAPITAL

LLC1\$1,898,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,898,000.00100%0\$0.00** COOPERATIVE BANK,

N.A1\$1,150,316.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,150,316.15100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$617,412.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$617,412.81100%0\$0.00 0\$0.0** COOPERATIVE BANK,

N.A1\$960,527.66100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$960,527.66100%0\$0.00 0\$0.0** COOPERATIVE BANK,

N.A1\$721,465.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$721,465.48100%0\$0.00 0\$0.0** COOPERATIVE BANK,

N.A1\$2,697,260.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,697,260.73100%0\$0.00 0\$** FARGO BANK,

N.A8\$1,180,750.1441.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,650,347.5058.29% FARGO BANK,

N.A3\$556,670.8653.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$475,997.7446.09%0\$0. FARGO BANK,

N.A1\$136,515.5014.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$809,132.5185.56%0\$0. FARGO BANK,

N.A5\$865,371.6382.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$177,338.3617.01%0\$0. FARGO BANK,

N.A1\$154,000.0027.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$408,101.4972.6%0\$0.00 FARGO BANK,

N.A4\$609,278.4958.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$440,676.3841.97%0\$0. SERVICING CORPORATION

INC1\$2,400,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,400,000.00100%0\$0.00 0\$** GROVE COMMERCIAL MORTGAGE,

LLC1\$3,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,000,000.00100%0\$0.00** COMMERCIAL MORTGAGE

LLC1\$7,200,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$7,200,000.00100%0\$0.00** GROVE COMMERCIAL MORTGAGE,

LLC1\$15,979,579.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$15,979,579.50100%0\$0.00** & DUNLOP,

LLC1\$27,118,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$27,118,000.00100%0\$0.00** & DUNLOP,

LLC1\$13,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$13,000,000.00100%0\$0.00** MORTGAGE CAPITAL,

LLC1\$15,844,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$15,844,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$3,591,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,591,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$3,386,500.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,386,500.00100%0\$0.00 0\$** MORTGAGE CAPITAL

INC1\$4,950,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,950,000.00100%0\$0.00 0\$** MORTGAGE CAPITAL

INC1\$7,295,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **1\$7,295,000.00100%0\$0.00 0\$** CAPITAL

CORPORATION1\$5,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,000,000.0010** MORTGAGE CAPITAL,

LLC1\$42,770,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$42,770,000.00100%0\$0.00** CAPITAL

CORPORATION1\$2,850,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,850,000.0010** REAL ESTATE CAPITAL

LLC1\$4,250,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,250,000.00100%0\$0.00 0**\$
SERVICING CORPORATION

INC1\$650,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$650,000.00100%0\$0.00 0\$0.0** COOPERATIVE BANK,

N.A1\$5,250,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,250,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$765,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$765,000.00100%0\$0.00 0\$0.0** CAPITAL

LLC1\$2,725,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,725,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$6,240,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$6,240,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$716,250.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$716,250.00100%0\$0.00 0\$0.0** MORTGAGE CAPITAL,

LLC1\$2,237,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,237,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$1,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,500,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$3,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,500,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$1,050,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,050,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$1,400,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,400,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$1,560,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,560,000.00100%0\$0.00 0\$** MORTGAGE,

LLC1\$725,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$725,000.00100%0\$0.00 0\$0.0** MORTGAGE,

LLC1\$818,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$818,000.00100%0\$0.00 0\$0.0** MORTGAGE CAPITAL

INC1\$852,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$852,000.00100%0\$0.00 0\$0.0** CAPITAL

LLC1\$6,410,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,410,000.00100%0\$0.00 0**8 BANK1\$470,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$470,000.00100%0\$0.00 0\$**0 CAPITAL

LLC1\$14,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$14,500,000.00100%0\$0.00** CAPITAL

LLC1\$2,270,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,270,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$2,200,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,200,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$7,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$7,600,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$3,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,600,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$9,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$9,000,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

- N.A1\$4,300,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,300,000.00100%0\$0.00 0\$** COOPERATIVE BANK,
- N.A1\$750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$750,000.00100%0\$0.00 0\$0.0** COOPERATIVE BANK,
- N.A1\$17,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$17,000,000.00100%0\$0.00** COMMERCIAL FUNDING
- LLC1\$23,239,387.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$23,239,387.77100%0\$0.00** GROVE COMMERCIAL MORTGAGE,
- LLC1\$1,690,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,690,000.00100%0\$0.00 0 GROVE COMMERCIAL MORTGAGE**.
- LLC1\$4,235,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,235,000.00100%0\$0.00 0** & DUNLOP,
- LLC1\$2,297,246.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,297,246.44100%0\$0.00** BANK, NATIONAL
- ASSOCIATION1\$5,752,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,752,000.0010**0 FARGO BANK
- N.A1\$3,158,214.45100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,158,214.45100%0\$0.00 0\$** & DUNLOP,
- $LLC1\$12,000,000.00100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}\ \mathbf{1\$12,000,000.00100\%0\$0.00}$ & DUNLOP,
- LLC1\$3,296,214.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,296,214.99100%0\$0.00** COMMERCIAL MORTGAGE
- LLC1\$51,350,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$51,350,000.00100%0\$0.00** COMMERCIAL FUNDING
- LLC1\$19,745,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$19,745,000.00100%0\$0.00** COMMERCIAL MORTGAGE
- LLC1\$7,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$7,000,000.00100%0\$0.00** COMMERCIAL MORTGAGE
- LLC1\$11,144,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$11,144,000.00100%0\$0.00** & DUNLOP,
- LLC1\$27,861,935.66100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$27,861,935.66100%0\$0.00** REAL ESTATE CAPITAL
- LLC1\$9,660,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$9,660,000.00100%0\$0.00 0** & DUNLOP,
- LLC1\$5,318,495.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,318,495.91100%0\$0.00** BANK, NATIONAL
- ASSOCIATION1\$4,993,618.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,993,618.6010**0 FARGO BANK
- N.A1\$3,745,255.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,745,255.51100%0\$0.00 0\$** BANK, NATIONAL
- ASSOCIATION1\$5,255,700.34100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,255,700.34100** & DUNLOP,
- LLC1\$3,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,000,000.00100%0\$0.00** COMMERCIAL MORTGAGE
- LLC1\$14,979,624.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$14,979,624.77100**%**0\$0.0**0BANK, NATIONAL
- ASSOCIATION1\$4,544,192.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,544,192.92100** & DUNLOP,
- LLC1\$20,974,633.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$20,974,633.44100%0\$0.00** COMMERCIAL FUNDING
- LLC1\$1,133,451.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,133,451.23100%0\$0.00 0**

COMMERCIAL FUNDING

LLC1\$1,767,913.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,767,913.97100%0\$0.00** COMMERCIAL FUNDING

LLC1\$1,333,405.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,333,405.31100%0\$0.00** OCOMMERCIAL FUNDING

LLC1\$2,996,368.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,996,368.13100%0\$0.00 0** MULTIFAMILY FINANCE.

L.L.C1\$1,920,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,920,000.00100%0\$0.00** BANK, NATIONAL

ASSOCIATION1\$24,989,546.61100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$24,989,546.611** COMMERCIAL MORTGAGE

LLC1\$36,650,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$36,650,000.00100%0\$0.00** FARGO BANK

N.A1\$7,890,113.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$7,890,113.77100%0\$0.00 0\$** STREET CAPITAL,

LLC1\$11,862,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$11,862,000.00100%0\$0.00** BANK, NATIONAL

ASSOCIATION1\$2,365,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,365,000.0010**0 & DUNLOP,

LLC1\$10,535,578.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$10,535,578.04100%0\$0.00**BANK, NATIONAL

ASSOCIATION1\$1,707,961.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,707,961.93100** BANK, NATIONAL

ASSOCIATION1\$2,776,505.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,776,505.76100** MORTGAGE CAPITAL

INC1\$2,572,033.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,572,033.08100%0\$0.00 0**\$ COMMERCIAL FUNDING

LLC1\$1,798,296.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,798,296.37100%0\$0.00 0** MORTGAGE CAPITAL

INC1\$18,100,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$18,100,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$12,105,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$12,105,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$16,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$16,500,000.00100%0\$0.00** STREET CAPITAL,

LLC1\$10,790,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$10,790,000.00100%0\$0.00** STREET CAPITAL,

LLC1\$1,982,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$1,982,000.00100%0\$0.00** STREET CAPITAL,

LLC1\$5,590,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,590,000.00100%0\$0.00** REAL ESTATE CAPITAL MARKETS,

INC1\$2,190,145.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,190,145.97100%0\$0.00 0\$** REAL ESTATE CAPITAL MARKETS,

INC1\$6,848,076.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$6,848,076.11100%0\$0.00 0\$** BANK, NATIONAL

ASSOCIATION1\$4,756,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,756,000.0010**0 CAPITAL

LLC1\$5,071,673.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$5,071,673.14100%0\$0.00** COMMERCIAL FUNDING

LLC1\$4,116,670.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,116,670.20100%0\$0.00 O** FARGO BANK

- N.A1\$7,403,537.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$7,403,537.00100%0\$0.00 0\$** STREET CAPITAL,
- LLC1\$4,204,568.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,204,568.19100%0\$0.00** MORTGAGE CAPITAL
- INC1\$4,494,130.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,494,130.92100%0\$0.00 0**\$ STREET CAPITAL,
- LLC1\$4,745,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,745,000.00100%0\$0.00** MULTIFAMILY FINANCE,
- L.L.C1\$39,552,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$39,552,000.00100%0\$0.0** MORTGAGE CAPITAL
- INC1\$2,293,031.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,293,031.24100%0\$0.00 0\$** & DUNLOP,
- LLC1\$2,120,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,120,000.00100%0\$0.00** MULTIFAMILY FINANCE,
- L.L.C1\$2,994,516.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,994,516.75100%0\$0.00** MORTGAGE CAPITAL
- INC1\$2,872,416.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,872,416.69100%0\$0.00 0**\$ COMMERCIAL FUNDING
- LLC1\$2,247,306.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,247,306.30100%0\$0.00** CAPITAL
- LLC1\$1,124,975.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,124,975.58100%0\$0.00** STREET CAPITAL,
- LLC1\$2,904,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,904,000.00100%0\$0.00** STREET CAPITAL,
- LLC1\$3,694,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,694,000.00100%0\$0.00 0** & DUNLOP,
- LLC1\$3,698,431.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,698,431.94100%0\$0.00** MORTGAGE CAPITAL
- INC1\$1,797,940.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,797,940.15100%0\$0.00 0\$** FARGO BANK
- N.A1\$9,487,529.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$9,487,529.38100%0\$0.00 0\$** BANK, NATIONAL
- ASSOCIATION1\$3,179,521.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,179,521.79100** BANK, NATIONAL
- ASSOCIATION1\$5,300,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,300,000.0010**0 CAPITAL
- LLC1\$3,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,500,000.00100%0\$0.00** CAPITAL
- LLC1\$2,750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,750,000.00100**%**0\$0.00 0**8ANK1\$1,109,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,109,000.00100**%**0\$0.00** COMMERCIAL FUNDING
- LLC1\$8,139,733.64100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$8,139,733.64100%0\$0.00** COMMERCIAL FUNDING
- LLC1\$6,489,933.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$6,489,933.36100%0\$0.00** BANK, NATIONAL
- ASSOCIATION1\$4,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,000,000.0010**0 MULTIFAMILY CAPITAL,
- INC1\$11,840,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$11,840,000.00100%0\$0.00** COMMERCIAL FUNDING
- LLC1\$3,415,720.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,415,720.14100%0\$0.00** 08 BANK, NATIONAL

ASSOCIATION1\$9,700,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$9,700,000.0010**0 BANK1\$1,237,500.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,237,500.00100**%**0\$0.00** SERVICING CORPORATION

INC1\$999,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$999,000.00100%0\$0.00 0\$0.0** SERVICING CORPORATION

INC1\$823,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$823,000.00100%0\$0.00 0\$0.0** CAPITAL

LLC1\$845,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$845,000.00100%0\$0.00 0\$0.0** FARGO BANK

N.A1\$11,240,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$11,240,000.00100%0\$0.00** BANK, NATIONAL

ASSOCIATION1\$6,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,600,000.0010**0 COMMERCIAL MORTGAGE

LLC1\$75,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$75,500,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$1,100,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,100,000.00100%0\$0.00 0\$**MORTGAGE CAPITAL

INC1\$4,025,731.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,025,731.26100%0\$0.00 0**\$ BANK, NATIONAL

ASSOCIATION1\$2,175,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,175,000.0010**0 MORTGAGE CAPITAL

INC1\$4,639,475.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,639,475.85100%0\$0.00 0**\$ COMMERCIAL FUNDING

LLC1\$2,297,051.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,297,051.76100%0\$0.00** COMMERCIAL MORTGAGE

LLC1\$17,250,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$17,250,000.00100%0\$0.00** CAPITAL

CORPORATION1\$750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$750,000.00100**% COMMERCIAL FUNDING

LLC1\$2,396,943.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,396,943.59100%0\$0.00** COMMERCIAL FUNDING

INC1\$1,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,000,000.00100%0\$0.00 0\$** FARGO BANK

N.A1\$4,719,125.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,719,125.88100%0\$0.00 0\$** COMMERCIAL FUNDING

LLC1\$5,205,633.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,205,633.93100%0\$0.00 0** & T REALTY CAPITAL

CORPORATION1\$5,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,500,000.0010** STREET CAPITAL,

LLC1\$5,400,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,400,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$10,485,797.78100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$10,485,797.78100%0\$0.00** MULTIFAMILY FINANCE,

L.L.C1\$7,350,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$7,350,000.00100**%**0\$0.00** & DUNLOP,

LLC1\$2,440,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$2,440,000.00100%0\$0.00** COMMERCIAL FUNDING

LLC1\$1,997,658.78100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,997,658.78100%0\$0.00 0**8ANK, NATIONAL

ASSOCIATION1\$19,700,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$19,700,000.001** COMMERCIAL FUNDING

LLC1\$12,264,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$12,264,000.00100%0\$0.00** COMMERCIAL FUNDING

LLC1\$2,584,796.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,584,796.75100%0\$0.00** SERVICING CORPORATION

INC1\$1,750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,750,000.00100%0\$0.00 0\$** REAL ESTATE CAPITAL MARKETS,

INC1\$11,825,825.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$11,825,825.17100%0\$0.00** CAPITAL

LLC1\$2,030,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **1\$2,030,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$2,700,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,700,000.00100%0\$0.00 0\$**

LLC1\$2,829,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,829,000.00100%0\$0.00** CAPITAL

LLC1\$4,410,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,410,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$750,000.00100%0\$0.00 0\$0.0** SERVICING CORPORATION

INC1\$3,750,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,750,000.00100%0\$0.00 0\$** CAPITAL

LLC1\$1,331,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,331,200.00100%0\$0.00 0** & T REALTY CAPITAL

CORPORATION1\$17,080,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$17,080,000.00** SERVICING CORPORATION

INC1\$3,150,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,150,000.00100%0\$0.00 0\$** GROVE COMMERCIAL MORTGAGE,

LLC1\$8,100,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$8,100,000.00100%0\$0.00** COMMUNITY DEVELOPMENT TRUST,

LP1\$2,597,377.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$2,597,377.98100%0\$0.00 0\$**0 SERVICING CORPORATION

INC1\$1,088,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,088,000.00100%0\$0.00 0\$**POINT CAPITAL

LLC1\$3,900,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,900,000.00100%0\$0.00** BANK, NATIONAL

ASSOCIATION1\$4,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$4,600,000.0010**0 STREET CAPITAL,

LLC1\$25,125,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$25,125,000.00100%0\$0.00** REAL ESTATE CAPITAL

LLC1\$18,900,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$18,900,000.00100%0\$0.00** MULTIFAMILY MORTGAGE,

LLC1\$20,800,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$20,800,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$2,625,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,625,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$3,900,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,900,000.00100%0\$0.00 0\$** MULTIFAMILY FINANCE,

L.L.C1\$6,975,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,975,000.00100%0\$0.00 6** BANK1\$420,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$420,000.00100%0\$0.00 6** SERVICING CORPORATION

INC1\$2,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,500,000.00100%0\$0.00 0\$** & T REALTY CAPITAL

CORPORATION1\$3,200,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$3,200,000.0010** POINT CAPITAL

LLC1\$30,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$30,000,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$4,125,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,125,000.00100%0\$0.00 0\$** SERVICING CORPORATION

INC1\$2,550,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,550,000.00100%0\$0.00** \$\$\$ SERVICING CORPORATION

INC1\$1,354,400.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,354,400.00100%0\$0.00 0\$** CAPITAL

LLC1\$1,040,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,040,000.00100%0\$0.00** COMMERCIAL FUNDING

LLC1\$5,290,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$5,290,000.00100%0\$0.00** COMMERCIAL FUNDING

LLC1\$13,400,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$13,400,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$4,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,000,000.00100%0\$0.00 0\$** MORTGAGE CAPITAL

INC1\$2,529,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,529,000.00100%0\$0.00 0\$** MORTGAGE CAPITAL

INC1\$1,917,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,917,000.00100%0\$0.00 0\$** CAPITAL

CORPORATION1\$1,357,500.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,357,500.001**0 & TREALTY CAPITAL

CORPORATION1\$9,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$9,600,000.001**0 SERVICING CORPORATION

INC1\$5,077,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,077,000.00100%0\$0.00 0\$**POINT CAPITAL

LLC1\$6,100,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$6,100,000.00100%0\$0.00** POINT CAPITAL

LLC1\$6,600,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,600,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$1,441,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,441,000.00100%0\$0.00 0\$** STREET CAPITAL,

LLC1\$6,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,000,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$4,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,500,000.00100%0\$0.00 0\$**MORTGAGE CAPITAL

INC1\$4,275,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,275,000.00100%0\$0.00 0\$** POINT CAPITAL

LLC1\$6,650,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,650,000.00100%0\$0.00** MORTGAGE CAPITAL,

 $LLC1\$7,\!540,\!000.00100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total} \ \ \mathbf{1\$7,\!540,\!000.00100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total} \ \ \mathbf{1\$7,\!540,\!000.00100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total} \ \ \mathbf{1\$7,\!540,\!000.00100\%0\$0.00NA0\0

LLC1\$5,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,000,000.00100%0\$0.00** MORTGAGE CAPITAL

INC1\$1,350,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,350,000.00100%0\$0.00 0\$** REAL ESTATE CAPITAL MARKETS,

INC1\$95,565,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$95,565,000.00100%0\$0.00**

MORTGAGE CAPITAL

INC1\$5,200,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,200,000.00100%0\$0.00 0\$** MORTGAGE CAPITAL

INC1\$4,387,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,387,000.00100%0\$0.00 0**\$POINT CAPITAL

LLC1\$1,075,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,075,000.00100%0\$0.00** SERVICING CORPORATION

INC1\$4,510,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$4,510,000.00100%0\$0.00 0\$**POINT CAPITAL

LLC1\$34,070,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$34,070,000.00100%0\$0.00** COOPERATIVE BANK,

N.A1\$11,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$11,000,000.00100%0\$0.00** POINT CAPITAL

LLC1\$5,244,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$5,244,000.00100%0\$0.00** FARGO BANK

N.A1\$3,845,604.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,845,604.23100%0\$0.00 0\$** & T REALTY CAPITAL

CORPORATION1\$33,550,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$33,550,000.00** MULTIFAMILY MORTGAGE,

LLC1\$2,200,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,200,000.00100%0\$0.00** MULTIFAMILY CAPITAL,

INC1\$29,100,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$29,100,000.00100%0\$0.00** MORTGAGE,

LLC1\$1,033,500.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$1,033,500.00100**%**0\$0.00** 0\$0.00 0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,249,120.6010** COOPERATIVE BANK,

N.A1\$400,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$400,000.00100%0\$0.00 0\$0.0** MORTGAGE,

LLC1\$2,152,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,152,000.00100%0\$0.00** COOPERATIVE BANK,

N.A1\$6,300,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$6,300,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$3,700,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$3,700,000.00100%0\$0.00 0\$** & DUNLOP,

LLC1\$10,312,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$10,312,000.00100%0\$0.00** COOPERATIVE BANK,

N.A1\$1,500,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$1,500,000.00100%0\$0.00 0\$** COOPERATIVE BANK,

N.A1\$2,000,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 1\$2,000,000.00100%0\$0.00 0\$** BANK71\$4,665,292.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 71\$4,665,292.30100%0\$0.** BANK, NATIONAL

ASSOCIATION13\$3,212,314.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$3,212,314.701** BANK, NATIONAL

ASSOCIATION44\$9,814,789.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 44\$9,814,789.701** BANK, NATIONAL

ASSOCIATION7\$2,071,804.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$2,071,804.54100** BANK, NATIONAL

ASSOCIATION5\$1,162,639.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,162,639.8510**0 BANK, NATIONAL

ASSOCIATION9\$2,159,882.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,159,882.90100** BANK, NATIONAL

ASSOCIATION19\$4,508,752.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$4,508,752.521** BANK, NATIONAL

ASSOCIATION61\$15,316,961.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 61\$15,316,961.2**

BANK5\$1,013,754.7173.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$374,483.3626.98% BANK5\$1,384,067.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,384,067.00100%0\$0.00**

BANK4\$1,499,345.8968.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$689,871.1631.51%

BANK7\$913,506.1986.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$145,154.2113.71%0 BANK3\$743,301.3373.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$263,469.8426.17%0

BANK18\$4,463,267.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 18\$4,463,267.93100%0\$0.

BANK10\$1,307,001.5363%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$767,717.6137%0\$0. BANK4\$1,200,322.7777.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$339,542.0122.05%

BANK2\$452,020.0044.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$559,235.2655.3%0\$0

BANK6\$1,822,772.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **6\$1,822,772.53100%0\$0.00**

BANK16\$1,360,816.6976.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$409,661.7323.14 FEDERAL CREDIT

UNION54\$14,703,169.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 54\$14,703,169.73100**%(FEDERAL CREDIT

UNION5\$1,404,386.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,404,386.79100%0\$0.0** FEDERAL CREDIT

UNION56\$15,368,972.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **56\$15,368,972.12100%0** FIVE MORTGAGE COMPANY,

LLC141\$34,994,105.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 141\$34,994,105.67100%0**\$0.00NAO

LLC94\$23,993,312.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 94\$23,993,312.63100%0\$0** FIVE MORTGAGE COMPANY,

LLC42\$7,998,720.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$7,998,720.55100%0\$0.00** MORTGAGE,

INC37\$5,703,823.3794.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$306,835.005.1%0\$0.00NA0\$0

INC11\$1,175,800.0090.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$121,504.259.37%0\$ MORTGAGE,

INC61\$9,089,728.3687.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,295,272.9412.47 MORTGAGE,

INC31\$4,865,600.2478.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,338,862.9121.58% MORTGAGE,

INC14\$1,949,149.8976.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$590,993.3923.27%0 ONE, NATIONAL

ASSOCIATION3\$1,447,676.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 3\$1,447,676.2210**0 MORTGAGE, LLC (USAA FEDERAL SAVINGS

BANK)6\$1,207,129.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,207,129.77100%0\$0.0**0MORTGAGE, LLC (USAA FEDERAL SAVINGS

BANK)8\$1,625,556.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,625,556.69100%0\$0.0** MORTGAGE, LLC (USAA FEDERAL SAVINGS

BANK)148\$29,994,377.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 148\$29,994,377.38100** 9 MORTGAGE

COMPANY22\$1,518,604.5379.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$403,526.542

COMPANY14\$1,404,159.4792.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$107,182.90°

COMPANY17\$2,236,369.4089.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$265,612.35

COMPANY10\$1,581,131.7983.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$311,359.711 MORTGAGE

COMPANY19\$1,881,314.1095.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$89,920.264. MORTGAGE

COMPANY9\$2,526,235.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,526,235.36100%0** MORTGAGE

COMPANY22\$1,298,600.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$1,298,600.98100**% MORTGAGE

COMPANY4\$1,048,390.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 4\$1,048,390.49100%0** MORTGAGE

COMPANY8\$1,096,320.7565.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$568,519.8934 MORTGAGE

COMPANY32\$6,966,353.7481.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,532,981.4 MORTGAGE

COMPANY10\$969,006.6683.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$186,146.3716 MORTGAGE

COMPANY8\$1,069,700.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,069,700.00100%0** MORTGAGE

COMPANY10\$2,197,556.2684.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$402,250.000 MORTGAGE

COMPANY146\$41,235,095.5297.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,104,830 MORTGAGE

COMPANY29\$7,808,817.4191.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$703,185.178 MORTGAGE

COMPANY17\$1,265,538.3287.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$188,295.233 MORTGAGE

COMPANY19\$1,873,162.0091.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$179,787.458 MORTGAGE

COMPANY19\$2,259,338.8482.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$479,679.87

COMPANY24\$3,305,983.1692.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$273,511.397 MORTGAGE

COMPANY15\$2,466,842.1978.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$663,375.002 MORTGAGE

COMPANY5\$1,659,012.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,659,012.75100%0** MORTGAGE

COMPANY3\$905,961.5870.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$385,427.4029.8 MORTGAGE

COMPANY9\$2,594,456.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,594,456.68100%0** MORTGAGE

COMPANY22\$1,961,503.9881.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$441,033.493 MORTGAGE

COMPANY15\$1,979,150.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$1,979,150.09100**% MORTGAGE

COMPANY22\$5,420,638.5995.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$234,500.004 MORTGAGE

COMPANY40\$2,280,232.6692.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$185,840.387 MORTGAGE

 $COMPANY 12\$1,271,015.2893.52\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 1\$88,000.006. \\ MORTGAGE$

COMPANY7\$1,691,681.0094.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$101,500.005.

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BANK49$7,999,978.78100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 49$7,999,978.78100%0$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00NAO$0.00
BANK46$5,821,937.9898.11%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable1$112,000.001.89%
BANK84$10,855,613.0096.51%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable1$392,000.003.49
BANK27$3,287,900.00100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 27$3,287,900.00100%0$0.
BANK69$6,705,174.48100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 69$6,705,174.48100%0$0.
BANK135$31,370,534.54100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 135$31,370,534.54100%
BANK217$54.658,503.00100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 217$54,658,503.00100%
BANK114$6,713,716.65100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 114$6,713,716.65100%0$
BANK102$13,068,570.93100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 102$13,068,570.93100%
BANK74$7,223,140.33100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 74$7,223,140.33100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.
BANK15$2,950,744.49100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 15$2,950,744.49100%0$0.
BANK75$9,671,256.79100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 75$9,671,256.79100%0$0.
BANK18$1,522,429.51100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NAO$0.00NATotal 18$1,522,429.51100%0$0.
BANK9$1,930,912.79100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 9$1,930,912.79100% 0$0.00
INC67$7,806,234.7090.41%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable7$828,090.619.59%0$
INC40$8,203,414.4998.24%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable1$146,894.481.76%0$
INC55$7,523,763,7084.4%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable10$1,390,308,2015.6%
INC218$59,118,067.2839.73%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable298$89,696,778.146
INC237$56,146,485.3669.93%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable91$24,139,768.1230
INC32$7,107,726.5577.74%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable10$2,035,718.6622.26
INC34$9,979,075.1634.15%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable70$19,245,706.9365.8
INC124$31,062,406.9876.73%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable38$9,421,520.0723.
INC15$3,420,205.00100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 15$3,420,205.00100%0$0.00
INC11$3,519,398.9913.8%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA Unavailable78$21,991,409.0086.2%
BANK USA, NATIONAL
ASSOCIATION24$7,109,312.92100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 24$7,109,312.921
BANK81$23,750,099.72100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 81$23,750,099,72100%0$0.00NA0$0.00NA
BANK11$1,811,934.75100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 11$1,811,934.75100%0$0.
BANK21$2,789,146.47100%0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NA0$0.00NATotal 21$2,789,146.47100%0$0.
```

BANK17\$1,367,045.78100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 17\$1,367,045.78100%0\$0.80 BANK11\$2,890,105.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 11\$2,890,105.59100%0\$0.80 BANK15\$1,237,822.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 15\$1,237,822.16100%0\$0.80 BANK12\$1,834,804.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NATotal 12\$1,834,804.13100%0\$0.80 BANK22\$5,384,453.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 12\$1,981,891.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 12\$1,981,891.60100%0\$0.80 BANK20\$2,631,260.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 20\$2,631,260.94100%0\$0.80 BANK22\$1,733,572.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NATotal 22\$1,733,572.77100%0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NATotal 22\$1,733,572.77100%0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NATotal 21\$1,436,301.06100%0\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NATotal 11\$1,436,301.06100%0\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NATotal 11\$1,436,301.06100%0\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NAO\$0.00NATotal 17\$1,241,935.79100%0\$0.00NAO\$0.00

NA81\$19,715,917.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 81\$19,715,917.73100%0\$0.0** CITIZENS,

NA47\$10,546,359.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 47\$10,546,359.20100%0\$0.0** ONE, NATIONAL

ASSOCIATION5\$1,570,684.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,570,684.57100** ONE, NATIONAL

ASSOCIATION14\$3,469,509.39100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$3,469,509.391** ONE, NATIONAL

ASSOCIATION28\$1,844,688.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 28\$1,844,688.791** ONE, NATIONAL

ASSOCIATION24\$2,294,063.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$2,294,063.681** ONE, NATIONAL

ASSOCIATION92\$20,333,537.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 92\$20,333,537.**40ONE, NATIONAL

ASSOCIATION71\$15,799,864.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 71\$15,799,864.0** ONE, NATIONAL

ASSOCIATION10\$1,795,522.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,795,522.281** ONE, NATIONAL

ASSOCIATION70\$23,204,326.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 70\$23,204,326.0** ONE, NATIONAL

ASSOCIATION12\$1,549,845.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,549,845.361** ONE, NATIONAL

ASSOCIATION24\$6,091,723.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 24\$6,091,723.631** ONE, NATIONAL

ASSOCIATION29\$2,433,238.18100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 29\$2,433,238.181** ONE, NATIONAL

ASSOCIATION12\$1,439,948.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,439,948.301** ONE, NATIONAL

ASSOCIATION22\$3,077,784.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$3,077,784.071** ONE, NATIONAL

ASSOCIATION22\$3,595,553.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$3,595,553.631** ONE, NATIONAL

ASSOCIATION17\$4,801,609.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$4,801,609.051** ONE, NATIONAL

ASSOCIATION148\$41,346,604.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 148\$41,346,60**4.00NE, NATIONAL

ASSOCIATION15\$1,420,074.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$1,420,074.941** ONE, NATIONAL

ASSOCIATION8\$1,139,909.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **8\$1,139,909.9110**0 HERITAGE FEDERAL CREDIT UNION25\$5,006,849.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$5,006,849.37100**%**0\$**0

INC104\$10,146,870.5485.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$1,675,775.4814. INC53\$6,218,517.4885.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,068,293.4114.66% INC94\$12,889,159.2380.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$3,053,551.9419.1 INC8\$1,694,836.8788.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$226,067.3311.77%0\$ INC23\$5,288,841.5190.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$572,936.359.77%0\$ INC14\$2,605,414.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 14\$2,605,414.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC20\$3,267,954.61100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$3,267,954.61100%0\$0.00**

INC11\$2,033,722.4078.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$550,414.7021.3%0\$0 INC35\$3,524,366.2065.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$1,836,558.1934.26

INC37\$4,367,991.7568.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$2,038,047.3931.81

INC8\$1,982,428.6274.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$690,171.4025.82%0\$ INC11\$2,525,851.5564.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,371,654.1335.19%

INC63\$8,673,741.1161.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$5,501,336.5438.81

INC22\$6,190,233.9561.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$3,808,517.0338.09

INC19\$3,010,711.7585.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$497,648.4814.18%0 INC18\$4,716,898.7160.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$3,037,263.3539.17

INC2\$692,773.4332.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 5\$1,430,996.2567.38%0\$1NC72\$20,764,260.3576.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 23\$6,471,317.5523.764,260.3576.24%0\$0.00NA0\$0.

INC7\$921,509.0136.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,581,446.0063.18%0 INC127\$8,096,208.3198.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$118,097.711.44%0 INC23\$4,100,911.2995.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$192,961.304.49%0\$ INC139\$13,396,128.1293.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$886,147.996.2%0\$ CORP1\$416,412.452.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$16,451,909.9497.53% CORP1\$147,600.912.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$4,788,353.3097.01% SAVINGS

BANK14\$1,278,901.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$1,278,901.00100**%**0\$0.**

BANK29\$7,012,270.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **29\$7,012,270.00100%0\$0.** SAVINGS

BANK16\$1,291,550.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,291,550.00100%0\$0.** SAVINGS

BANK17\$3,566,700.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 17\$3,566,700.00100%0\$0.

ASSOCIATION19\$3,080,516.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 19\$3,080,516.651** BANK USA, NATIONAL

ASSOCIATION9\$1,424,897.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,424,897.90100** BANK USA, NATIONAL

ASSOCIATION32\$7,527,360.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 32\$7,527,360.541** BANK USA, NATIONAL

ASSOCIATION66\$19,999,426.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 66\$19,999,426.7** BANK USA, NATIONAL

ASSOCIATION51\$15,000,291.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 51\$15,000,291.7** BANK USA, NATIONAL

ASSOCIATION9\$3,206,710.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$3,206,710.43100** BANK USA, NATIONAL

ASSOCIATION24\$6,745,115.45100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$6,745,115.451**BANK USA, NATIONAL

ASSOCIATION10\$1,371,983.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,371,983.361** BANK USA, NATIONAL

ASSOCIATION13\$2,089,641.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$2,089,641.231** BANK USA, NATIONAL

ASSOCIATION50\$11,000,262.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 50\$11,000,262.**48BANK USA, NATIONAL

ASSOCIATION32\$10,999,731.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$10,999,731.6**8

ASSOCIATION40\$7,999,227.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 40\$7,999,227.251** BANK USA, NATIONAL

ASSOCIATION12\$1,999,822.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,999,822.041** BANK USA, NATIONAL

ASSOCIATION73\$16,748,008.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 73\$16,748,008.7** MORTGAGE,

LLC13\$1,067,091.96100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$1,067,091.96100%0\$0.00**

BANK15\$1,504,928.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$1,504,928.11100%0\$0.**

BANK130\$38,455,610.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 130\$38,455,610.05100**%

BANK27\$2,399,383.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$2,399,383.00100%0\$0.** SAVINGS

- BANK27\$3,670,725.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$3,670,725.00100%0\$0.** SAVINGS
- BANK18\$2,965,770.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$2,965,770.00100%0\$0.** SAVINGS
- BANK7\$1,738,650.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,738,650.00100%0\$0.00** SAVINGS
- BANK21\$1,770,900.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$1,770,900.00100%0\$0.** SAVINGS
- BANK17\$2,218,929.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$2,218,929.00100%0\$0.** SAVINGS
- BANK7\$1,631,406.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,631,406.36100%0\$0.00** SAVINGS
- BANK7\$1,529,750.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,529,750.00100%0\$0.00** SAVINGS
- BANK32\$9,561,286.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 32\$9,561,286.00100%0\$0.** MORTGAGE,
- LLC17\$1,092,859.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$1,092,859.65100%0\$0.00** MORTGAGE,
- LLC16\$4,987,981.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$4,987,981.13100**%**0\$0.00** MORTGAGE,
- LLC14\$4,318,287.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$4,318,287.00100%0\$0.00** MORTGAGE,
- LLC16\$4,900,902.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$4,900,902.00100%0\$0.00** MORTGAGE,
- LLC44\$14,945,036.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 44\$14,945,036.52100%0\$0** MORTGAGE,
- LLC32\$9,913,605.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$9,913,605.74100%0\$0.00** MORTGAGE,
- LLC14\$4,645,975.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$4,645,975.00100%0\$0.00** MORTGAGE,
- LLC32\$9,903,550.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$9,903,550.00100%0\$0.00** ADVANTAGE MORTGAGE
- COMPANY21\$3,485,978.5236.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$6,013,180.2 ADVANTAGE MORTGAGE
- COMPANY7\$643,400.0033.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,263,641.470 NIAGARA BANK, NATIONAL
- ASSOCIATION182\$32,582,314.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 182\$32,582,31**4.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA
- ASSOCIATION34\$6,230,295.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 34\$6,230,295.251** NIAGARA BANK, NATIONAL
- ASSOCIATION129\$20,625,356.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 129\$20,625,35**6
- MORTGAGE16\$1,217,163.89100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$1,217,163.8910**0 BANK DBA FIRST BANK
- MORTGAGE14\$1,810,639.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$1,810,639.21100** BANK DBA FIRST BANK
- MORTGAGE37\$8,655,259.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 37\$8,655,259.8310**0 BANK DBA FIRST BANK
- MORTGAGE17\$2,905,957.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$2,905,957.3610**0

BANK DBA FIRST BANK

MORTGAGE18\$1,761,564.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **18\$1,761,564.40100** LLC5\$679,467.5141.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$940,630.4958.06%0\$0 LLC8\$1,758,459.1430.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,924,335.6069.06% LLC9\$1,853,623.1752.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,666,503.6447.34% LLC6\$1,415,496.0137.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,330,905.1662.22% CAPITAL MARKETS

CORPORATION9\$2,879,575.001.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable468\$147,43 CAPITAL MARKETS

CORPORATION5\$451,375.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable212\$45,622,9 CAPITAL MARKETS

CORPORATION7\$1,339,578.002.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable181\$47,184 BANK78\$9,823,189.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 78\$9,823,189.50100%0\$0.** BANK14\$1,508,777.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$1,508,777.43100%0\$0.** BANK168\$29,731,209.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 168\$29,731,209.17100**% BANK11\$2,674,213.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,674,213.62100%0\$0.** BANK134\$7,906,013.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 134\$7,906,013.84100**%0\$0 BANK121\$28,888,719.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 121\$28,888,719.08100**% BANK77\$7,652,442.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 77\$7,652,442.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00 BANK45\$2,378,200.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 45\$2,378,200.60100%0\$0.** INC297\$19,006,477.3694.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$1,175,602.355.8 INC228\$14,382,502.0497,3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$398,571.092,7%0\$ INC193\$18,980,263.8093.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,277,877.496.3 INC126\$14,776,411.9095.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$709,843.774.58% INC171\$23,340,035.5892.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$1,968,303.487.7 INC41\$5,563,339.8495.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$277,658.184.75%0\$ INC87\$14,152,813.1090.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,443,301.789.25% INC248\$62,670,360.0896.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,490,207.873.8 INC103\$20,475,957.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 103\$20,475,957.16100%0\$ INC95\$24,403,672.5996.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$930,370.783.67%0 INC72\$14,713,498.2898.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$244,669.321.64%0 FEDERAL SAVINGS AND LOAN

ASSOCIATION24\$5,528,118.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$5,528,118.261** FEDERAL SAVINGS AND LOAN

ASSOCIATION10\$2,043,426.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,043,426.881** FEDERAL SAVINGS AND LOAN

ASSOCIATION10\$2,036,764.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 10\$2,036,764.761 MORTGAGE25\$4,407,395.0075.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,447,05 MORTGAGE7\$1,369,800.0094.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$83,200.005 MORTGAGE9\$1,277,643.8989.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$157,600.00 MORTGAGE24\$5,152,753.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$342,341.99 MORTGAGE9\$1,706,878.8483.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$102,000.009 MORTGAGE14\$950,931.0090.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$102,000.009 MORTGAGE15\$1,923,610.0088.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$252,000.0 MORTGAGE12\$1,134,230.0091.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$104,250.0 MORTGAGE6\$1,215,550.0092.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$104,250.0 MORTGAGE47\$13,141,595.0098.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$99,750.007 MORTGAGE47\$13,141,595.0098.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$204,250. MORTGAGE,

LLC15\$5,036,416.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 15\$5,036,416.28100%0\$0.00NAO\$0.00NATotal 15\$5,036,416.28100%0\$0.00NAO\$0.00

LLC15\$4,420,652.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 15\$4,420,652.29100%0\$0.00NA

MORTGAGE,

LLC15\$4,500,140.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$4,500,140.00100%0\$0.00** MORTGAGE,

LLC16\$1,027,253.61100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,027,253.61100%0\$0.00** MORTGAGE,

LLC18\$1,207,031.96100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$1,207,031.96100%0\$0.00** MORTGAGE,

LLC12\$1,217,859.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,217,859.42100%0\$0.00** MORTGAGE,

LLC5\$1,211,113.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,211,113.92100%0\$0.00** MORTGAGE,

LLC17\$5,321,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$5,321,200.00100%0\$0.00** MORTGAGE,

LLC8\$1,097,367.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,097,367.00100%0\$0.00** MORTGAGE,

LLC8\$2,632,932.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$2,632,932.51100%0\$0.00 0** FEDERAL

BANK17\$2,658,140.3031.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$5,696,983.2268. HUNTINGTON NATIONAL

BANK16\$3,736,781.6896.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$129,400.453.35% HUNTINGTON NATIONAL

BANK124\$29,465,514.4498.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$341,151.581.14 HUNTINGTON NATIONAL

BANK103\$24,032,952.3997.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$636,844.872.50 HUNTINGTON NATIONAL

BANK75\$4,996,321.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 75\$4,996,321.44100%0\$0.** HUNTINGTON NATIONAL

BANK81\$8,016,321.3795.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$394,323.834.69% HUNTINGTON NATIONAL

BANK95\$12,256,285.5095.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$546,030.644.27 HUNTINGTON NATIONAL

BANK16\$3,504,638.9483.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$717,392.4316.99 HUNTINGTON NATIONAL

BANK20\$3,285,919.5396.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$122,834.313.6%0\$ HUNTINGTON NATIONAL

BANK9\$1,005,919.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,005,919.28100%0\$0.00** HUNTINGTON NATIONAL

BANK12\$1,793,697.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,793,697.87100%0\$0.** HUNTINGTON NATIONAL

BANK17\$1,797,251.80100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$1,797,251.80100%0\$0.** HUNTINGTON NATIONAL

BANK21\$4,358,658.5893.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$285,000.006.14% HUNTINGTON NATIONAL

BANK50\$3,036,278.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 50\$3,036,278.75100%0\$0.** HUNTINGTON NATIONAL

BANK33\$3,111,019.7891.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$304,976.848.93% HUNTINGTON NATIONAL

BANK29\$3,680,432.1383.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$717,091.6316.319 HUNTINGTON NATIONAL

BANK107\$24,802,322.3390.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,502,673.009 HUNTINGTON NATIONAL

BANK19\$1,168,900.0994.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$69,694.665.63%0 HUNTINGTON NATIONAL

BANK11\$1,107,074.6774.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$386,420.1925.874 HUNTINGTON NATIONAL

BANK18\$2,329,324.3382.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$507,215.2017.88 HUNTINGTON NATIONAL

BANK36\$7,719,860.1395.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$352,601.394.37% HUNTINGTON NATIONAL

BANK10\$2,149,725.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,149,725.00100%0\$0.** HUNTINGTON NATIONAL

BANK89\$5,767,661.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 89\$5,767,661.33100%0\$0.** HUNTINGTON NATIONAL

BANK63\$6,132,722.9898.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$107,000.001.71% HUNTINGTON NATIONAL

BANK82\$10,469,030.1396.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$383,627.483.53 HUNTINGTON NATIONAL

BANK19\$1,037,122.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$1,037,122.11100%0\$0.** HUNTINGTON NATIONAL

BANK11\$1,072,041.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 11\$1,072,041.68100%0\$0. INC104\$25,017,547.6799.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$178,737.770.71% INC70\$15,469,914.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 70\$15,469,914.25100%0\$0. INC72\$15,230,702.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 72\$15,230,702.13100%0\$0. INC120\$29,600,816.6797.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$767,092.762.53% INC209\$45,437,577.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 209\$45,437,577.71100%0\$ INC78\$15,185,930.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 78\$15,185,930.42100%0\$0. INC48\$11,667,731.7274.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,919,530.9225.1 INC32\$5,587,369.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 32\$5,587,369.82100%0\$0.00 INC49\$10,904,132.8753.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$9,303,559.4446.0 INC26\$4,063,825.3774.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,389,439.7725.48% INC47\$14,244,367.5295.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$713,727.654.77%0 INC150\$30,178,340.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 150\$30,178,340.83100**%0\$ INC11\$2,510,748,95100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 11\$2,510,748,95100%0\$0.00 INC27\$6,304,101.4189.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$748,490.5610.61%0 INC52\$12,188,018.6794.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$720,024.295.58%0 INC40\$4,694,372.6190.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$471,403.549.13%0\$ INC21\$4,466,200.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 21\$4,466,200.58100%0\$0.00 INC86\$19.889,703.9184%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,789,177.5016%0\$ INC26\$3,600,693.5681.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$815,050.7018.46%0 INC3\$633,998.6052.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$574,819.4947.55%0\$0.00NA0\$0 INC52\$14,651,596.4360.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$9,721,083.2839.8 INC41\$6,673,334.6889.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$803,898.1910.75%0 INC73\$20,294,641,9250.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable68\$20,060,245.4649. INC51\$12,781,945.7142.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$17,320,735.0857. INC45\$13,766,734.5046.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable56\$16,106,237.4453. INC46\$12,809,428.0742.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$17,318,162.7557. INC2\$248,000.005.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,223,948.3694.45%0\$ INC6\$2,671,500.0064.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,466,000.0035.43% INC37\$11,737,595.3531.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable88\$25,429,157.9268.

INC7\$2,565,467.0935.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,724,999.9864.81% INC87\$26,140,001.3486.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$3,927,542.2513.0 INC6\$2,307,093.9953.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,975,492.7146.13%0

MORTGAGE

COMPANY7\$1,456,417.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,456,417.47100%0** MORTGAGE

COMPANY15\$1,203,205.8888.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$155,373.111 MORTGAGE

COMPANY6\$784,229.8067.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$384,587.3032.99 MORTGAGE

COMPANY7\$1,739,462.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,739,462.75100%0** MORTGAGE

CORP4\$563,028.4526.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,529,077.6473.09% MORTGAGE

CORP1\$41,080.583.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$989,027.7896.01%0\$0. MORTGAGE

CORP3\$798,045.299.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$7,598,863.9790.5%0\$ MORTGAGE

CORP2\$661,014.6719.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$2,664,766.4280.129 MORTGAGE

CORP3\$637,695.807.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$7,578,059.1792.24% MORTGAGE

CORP2\$582,000.0011.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,540,737.0088.649 MORTGAGE

CORP7\$1,239,033.0019.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$5,195,687.0080.74 MORTGAGE

CORP1\$360,000.0020.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,383,575.8179.35% MORTGAGE

CORP2\$437,400.0034.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$817,994.3365.16%0\$ MORTGAGE

CORP1\$160,000.007.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,990,500.0092.56%0 MORTGAGE

CORP2\$261,600.0014.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,557,450.0085.62% MORTGAGE

CORP1\$117,000.007.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,461,050.0092.59%0 MORTGAGE

CORP2\$422,350.006.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$5,674,698.0093.07% MORTGAGE

INC8\$1,498,769.6840.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$2,196,722.9159.44% MORTGAGE

INC3\$610,082.7822.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,098,973.5977.48%0 MORTGAGE

INC1\$388,007.8337.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$643,406.4462.38%0\$0. MORTGAGE

INC33\$9,515,560.5868.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,295,126.3531.1%0 MORTGAGE

INC6\$1,825,276.1581.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$403,721.9318.11%0\$ MORTGAGE

INC2\$438,518.0536.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$767,816.5663.65%0\$0.

INC38\$11,649,494.6828.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable91\$29,432,563.1771. MORTGAGE

INC43\$4,076,049.0253.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$3,541,170.6946.49 MORTGAGE

INC15\$1,691,762.9340.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$2,529,802.5059.93 MORTGAGE

INC64\$8,382,502.7353.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable55\$7,371,967.0746.79 MORTGAGE

INC17\$2,417,682.5755.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,957,963.7844.75 MORTGAGE

INC42\$6,573,744.8045.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable50\$7,924,076.1754.66 MORTGAGE

INC21\$3,489,610.4252.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$3,134,119.1047.32 MORTGAGE

INC41\$7,298,178.3945.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$8,747,782.8954.52 MORTGAGE

INC14\$2,632,194.2944.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$3,302,190.5855.65 MORTGAGE

INC31\$6,257,729.2753.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$5,366,671.0346.17 MORTGAGE

INC43\$2,774,916.4664.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$1,496,362.1435.03 MORTGAGE

INC19\$4,229,947.3958.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,009,567.2741.57 MORTGAGE

INC10\$3,253,591.7860.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$2,113,839.4039.38% MORTGAGE

INC9\$2,572,467.0351.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,394,534.9748.21%0 MORTGAGE

INC80\$23,002,450.0655.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable65\$18,438,481.1344. MORTGAGE

INC19\$5,263,489.5764.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,951,634.9435.93 MORTGAGE

INC4\$827,539.6168.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$374,662.7831.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC17\$5,374,007.1768.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,463,094.5331.43% MORTGAGE

INC15\$3,882,292.1622.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$13,096,125.4777.1 MORTGAGE

INC51\$15,182,339.7539.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable72\$22,799,559.3860. MORTGAGE

INC125\$38,507,645.1442.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable164\$51,815,519.175 MORTGAGE

INC18\$1,426,662.5852.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$1,276,452.1547.22 MORTGAGE

INC4\$454,049.1730.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,017,146.3869.14%0\$ MORTGAGE

INC6\$903,883.8346.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,032,736.7753.33%0\$ MORTGAGE

INC7\$1,228,683.3654.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,038,258.5545.8%0\$0 MORTGAGE

INC6\$1,200,373.1186.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$191,024.5513.73%0\$ MORTGAGE

INC6\$1,434,643.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,434,643.72100%0\$0.00 0\$** MORTGAGE

INC4\$573,338.7127.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,542,975.5772.91%0\$

MORTGAGE

INC11\$2,981,681.9541.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,180,331.5758.37 MORTGAGE

INC620\$125,063,551.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 620\$125,063,551.33100**% MORTGAGE

INC178\$36,655,753.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 178\$36,655,753.03100%0\$** MORTGAGE

INC258\$49,244,447.3599.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$176,000.000.36% MORTGAGE

INC11\$1,954,440.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,954,440.14100%0\$0.00** MORTGAGE

INC149\$28,987,871.9299.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$254,000.000.87% MORTGAGE

INC46\$7,061,123.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$7,061,123.38100%0\$0.00** MORTGAGE

INC263\$53,496,414.0096.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,819,400.173.29 MORTGAGE

INC89\$18,239,180.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 89\$18,239,180.00100%0\$0.**MORTGAGE

INC160\$10,302,350.8364.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable81\$5,725,277.6635. MORTGAGE

INC162\$15,773,839.3163.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 94\$9,126,486.4436. MORTGAGE

INC63\$11,744,886.9599.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$94,300.000.8%0\$0.00NAO\$0

INC172\$51,551,973.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 172\$51,551,973.91100%0\$** MORTGAGE

INC1\$553,000.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable388\$124,305,094.9399.569 MORTGAGE

INC10\$625,220.8330.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$1,451,871.1369.9%0\$ MORTGAGE

INC11\$1,071,443.5932.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$2,211,399.6067.36 MORTGAGE

INC2\$371,821.2216.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,902,773.0283.65%0\$ MORTGAGE

INC11\$1,309,386.2042.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,774,022.4557.53 MORTGAGE

INC3\$562,242.0014.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,252,033.5685.26%0 MORTGAGE

INC20\$2,683,702.3337.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$4,480,963.2562.54 MORTGAGE

INC35\$2,333,911.5774.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$790,662.3825.3%0\$ MORTGAGE

INC21\$2,335,753.2484.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$422,385.2615.31%0 MORTGAGE

INC39\$3,816,906.9980.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$926,821.9719.54%0 MORTGAGE

INC19\$3,829,402.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$3,829,402.51100%0\$0.00** MORTGAGE

INC11\$2,631,505.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,631,505.85100%0\$0.00** MORTGAGE

INC12\$2,323,259.78100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$2,323,259.78100%0\$0.00** MORTGAGE

INC7\$796,762.3648.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$835,296.2451.18%0\$0.00NAGE

INC21\$5,256,570.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$5,256,570.81100%0\$0.00** MORTGAGE

INC14\$1,910,461.8687.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$267,655.0312.29%0 CITIZENS BANK & TRUST COMPANY OF

SC12\$1,152,183.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,152,183.17100%0\$0.00 (**FEDERAL

BANK25\$4,420,675.0068.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,007,600.0031.2 FEDERAL

BANK50\$9,634,869.1930.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable94\$22,330,380.2569 INC25\$4,004,301.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$4,004,301.73100%0\$0.00** INC11\$1,808,161.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,808,161.57100%0\$0.00**

INC21\$1,321,716.1394.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$77,194.625.52%0\$0 INC12\$1,351,763.4187.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$184,569.8412.01%0

INC12\$1,351,763.4187.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavariable2\$184,369.8412.01%0 INC6\$1,454,368.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 6\$1,454,368.90100%0\$0.00 0\$

INC89\$8,631,867.3895.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$390,112.254.32%0\$ INC2\$296,556.8627.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$767,156.6972.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC10\$968,090.9483.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$195,909.2216.83%0\$0.00NA0\$7.641,275.5530.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable72\$17,627,223.7269.7

INC38\$5,171,750.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 38\$5,171,750.44100%0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00N

INC10\$1,812,596.64100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,812,596.64100%0\$0.00** INC13\$2,257,194.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$2,257,194.48100%0\$0.00**

INC10\$1,465,941.5754.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,244,440.4245.91%

INC5\$1,061,436.6473.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$387,465.4426.74%0\$ INC39\$9,020,428.9148.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$9,430,744.0051.11

DELIVERY53\$3,629,142.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 53\$3,629,142.23100%

DIRECT
DELIVERY56\$5,417,664.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 56\$5,417,664.38100%

DIRECT

DELIVERY43\$5,043,511.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 43\$5,043,511.04100**% DIRECT

DELIVERY49\$6,824,015.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 49\$6,824,015.25100**%

DELIVERY20\$3,216,350.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$3,216,350.84100**% DIRECT

DELIVERY57\$15,036,934.64100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 57\$15,036,934.6410**

DELIVERY730\$140,018,264.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 730\$140,018,264.**

DELIVERY130\$8,975,943.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 130\$8,975,943.0810**

DELIVERY66\$6,508,481.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 66\$6,508,481.01100**% DIRECT

DELIVERY44\$5,215,359.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 44\$5,215,359.12100**%

DELIVERY71\$9,740,498.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 71\$9,740,498.59100**% DIRECT

- DELIVERY37\$6,024,423.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 37\$6,024,423.27100**% DIRECT
- DELIVERY28\$7,295,231.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 28\$7,295,231.10100**% DIRECT
- DELIVERY25\$1,685,195.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$1,685,195.38100**% DIRECT
- DELIVERY14\$1,414,124.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$1,414,124.00100**%
- DELIVERY26\$3,415,610.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 26\$3,415,610.11100**% DIRECT
- DELIVERY611\$168,369,444.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 611\$168,369,444.**CITIZENS BANK & TRUST COMPANY OF
- SC87\$13,045,104.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 87\$13,045,104.52100%0\$0.0** CITIZENS BANK & TRUST COMPANY OF
- SC48\$7,181,632.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 48\$7,181,632.97100%0\$0.00** MORTGAGE
- CORPORATION6\$764,683.7938.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,204,931 MORTGAGE
- CORPORATION8\$1,782,554.5815.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$9,715,8 TAYLOR
- BANK3\$457,236.5233.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$918,689.6766.77%0 TAYLOR
- BANK4\$1,058,717.607.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$12,269,381.8492.0
- BANK1\$321,493.2510.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,683,915.9589.3%0 TAYLOR
- BANK7\$690,895.4919.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$2,886,114.6980.69 CITIZENS,
- NA21\$2,148,797.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$2,148,797.71100%0\$0.00** CITIZENS,
- NA108\$6,732,517.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 108\$6,732,517.44100%0\$0.**0CITIZENS,
- NA64\$6,256,488.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 64\$6,256,488.04100%0\$0.00** CITIZENS,
- NA54\$6,373,365.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 54\$6,373,365.40100%0\$0.00** BANK37\$8,290,297.4791.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$818,833.088.99% BANK3\$772,965.0012.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$5,563,794.9287.8%0 CITIZENS,
- NA264\$73,982,801.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 264\$73,982,801.11100%0\$** CITIZENS.
- NA81\$15,001,697.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 81\$15,001,697.36100%0\$0.** CITIZENS,
- NA12\$1,008,303.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,008,303.22100%0\$0.00** CITIZENS,
- NA6\$1,157,256.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,157,256.82100**%**0\$0.00 0\$** CITIZENS,
- NA42\$2,687,130.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 42\$2,687,130.88100%0\$0.00** CITIZENS,
- NA25\$2,514,115.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$2,514,115.58100%0\$0.00** CITIZENS,
- NA22\$2,572,068.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **22\$2,572,068.47100%0\$0.00**

CITIZENS,

NA28\$3,872,996.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 28\$3,872,996.60100%0\$0.00** CITIZENS,

NA14\$2,265,360.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$2,265,360.62100%0\$0.00** CITIZENS.

NA8\$2,410,829.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$2,410,829.88100%0\$0.00 0\$** CITIZENS.

NA9\$1,209,438.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,209,438.90100%0\$0.00 0\$** CITIZENS.

NA9\$1,326,668.89100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,326,668.89100%0\$0.00 0\$** CITIZENS,

NA13\$3,731,826.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$3,731,826.57100%0\$0.00** CITIZENS,

NA36\$2,327,460.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$2,327,460.93100%0\$0.00** CITIZENS.

NA65\$6,349,020.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 65\$6,349,020.33100%0\$0.00** CITIZENS,

NA49\$5,795,198.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$5,795,198.79100%0\$0.00** CITIZENS,

NA66\$9,272,642.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 66\$9,272,642.08100%0\$0.00** CITIZENS,

NA76\$12,454,318.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 76\$12,454,318.91100%0\$0.0** FARGO BANK,

N.A158\$43,599,010.2187.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$6,471,797.5312. FARGO BANK,

N.A515\$153,723,979.7240.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable798\$229,501,241.75 FARGO BANK,

N.A85\$24,837,976.8241.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable132\$34,453,382.9858 FARGO BANK,

N.A70\$22,281,494.7553.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable68\$19,665,913.5346. FARGO BANK,

N.A341\$94,230,185.4637.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable616\$159,833,829.54 FARGO BANK,

N.A35\$9,591,987.5227.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable98\$25,248,018.3472.4 FARGO BANK,

N.A3\$733,615.0262.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$444,325.7337.72%0\$0. FARGO BANK,

N.A164\$47,379,650.7594.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,816,731.125.61 FARGO BANK,

N.A195\$56,680,940.7794.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$3,083,614.175.16 FARGO BANK,

N.A159\$48,937,588.3297.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,067,175.162.13 FARGO BANK,

N.A220\$50,216,021.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 220\$50,216,021.57100%0\$** FARGO BANK,

N.A426\$100,711,158.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 426\$100,711,158.33100**% FARGO BANK,

N.A634\$149,325,748.3199.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,171,877.090.7 FARGO BANK,

N.A23\$5,034,398.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$5,034,398.53100%0\$0.00** FARGO BANK,

N.A1,329\$398,910,214.7649.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,370\$399,870,6 FARGO BANK,

N.A1,361\$409,337,626.4951.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,335\$389,478,7 FARGO BANK,

N.A5\$2,396,191.0052.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$2,134,200.0047.11%0 FARGO BANK,

N.A618\$39,297,438.5742.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable795\$52,381,743.605 FARGO BANK,

N.A473\$46,269,070.1837.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable778\$75,816,079.6762 FARGO BANK,

N.A542\$70,198,645.8543.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable698\$90,801,697.8856 FARGO BANK,

N.A84\$13,511,205.5833.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable163\$26,269,979.0066 FARGO BANK,

N.A188\$49,148,186.2815.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable966\$259,239,006.82 FARGO BANK,

N.A2\$373,831.3918.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,654,365.2181.57%0\$ FARGO BANK,

N.A2\$377,932.8531.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$838,998.1668.94%0\$0. FARGO BANK,

N.A17\$3,515,194.0842.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$4,743,032.9057.43 FARGO BANK,

N.A8\$2,403,923.4034.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$4,535,784.8165.36% FARGO BANK,

N.A4\$542,650.339.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$4,935,864.7890.09%0\$ FARGO BANK,

N.A58\$12,775,660.7232.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable120\$26,362,922.4267 FARGO BANK,

N.A4\$932,277.1126.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$2,643,510.0773.93%0 FARGO BANK,

N.A163\$48,640,144.5997.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,462,109.102.92 FARGO BANK,

N.A685\$158,804,936.5797.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,813,572.752. FARGO BANK,

N.A425\$95,144,854.6099.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$409,500.000.43% FARGO BANK,

N.A12\$2,438,138.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$2,438,138.11100%0\$0.00** FARGO BANK,

N.A214\$49,827,788.8299.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$386,000.000.77% FARGO BANK,

N.A14\$3,422,945.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,422,945.42100%0\$0.00** FARGO BANK,

N.A346\$72,753,254.0999.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$310,790.850.43% FARGO BANK,

N.A350\$106,961,737.0027.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable994\$277,981,090.4 FARGO BANK,

N.A127\$67,615,038.4350.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable129\$67,084,531.9649 FARGO BANK,

N.A135\$72,436,219.1848.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable144\$77,013,993.445 FARGO BANK,

N.A139\$73,893,547.9449.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable145\$76,511,977.025

FARGO BANK,

FARGO BANK,

N.A151\$78,852,802.0252.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable134\$70,764,078.8747 FARGO BANK,

N.A148\$10,067,147.4441.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable205\$14,018,113.5258 FARGO BANK,

N.A241\$23,776,458.8943.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable308\$30,406,075.085 FARGO BANK,

N.A675\$88,654,554.3749.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable675\$88,758,207.555 FARGO BANK,

N.A346\$56,233,294.5247.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable386\$62,680,656.725 FARGO BANK,

N.A934\$277,740,621.4552.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable889\$253,917,354.15

N.A398\$115,791,450.3236.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable693\$199,377,436.0 FARGO BANK,

N.A285\$16,794,678.5441.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable375\$23,519,644.335 FARGO BANK,

N.A78\$7,658,883.7035.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable144\$13,949,442.8764. FARGO BANK,

N.A34\$4,279,232.9126.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable93\$11,735,460.3873.2 FARGO BANK,

N.A19\$3,060,555.4132.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable39\$6,308,648.8567.33 FARGO BANK,

N.A13\$3,208,254.9030.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$7,200,827.7269.18 FARGO BANK,

N.A4\$1,034,181.9132.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,157,229.5567.59%0 FARGO BANK,

N.A498\$129,693,046.7440.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable678\$186,844,379.4 FARGO BANK,

N.A324\$83,589,762.4941.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable432\$119,016,786.43 FARGO BANK,

N.A29\$7,881,009.8450.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$7,787,240.4849.7%0 FARGO BANK,

N.A281\$73,996,555.0944.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable357\$93,769,391.995 FARGO BANK,

N.A207\$52,321,990.2339.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable298\$81,501,993.5860 FARGO BANK,

N.A33\$7,963,742.2367.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,840,046.2332.53 FARGO BANK,

N.A210\$52,992,955.3154.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable159\$43,571,013.774 FARGO BANK,

N.A172\$43,040,065.8453.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable141\$37,597,581.834 FARGO BANK,

N.A42\$10,634,914.1981.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,371,554.5718.2

FARGO BANK, N.A165\$41,340,685.1058.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable111\$29,071,835.924

FARGO BANK, N.A163\$41,495,586.1049.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable169\$41,932,764.535

N.A23\$5,180,835.0269.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,256,582.1330.34 FARGO BANK,

- N.A1,125\$265,232,628.4099.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,399,298.490 FARGO BANK,
- N.A1,080\$242,634,737.4599.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$356,540.460.1 FARGO BANK,
- N.A22\$4,285,176.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$4,285,176.11100%0\$0.00** FARGO BANK,
- N.A74\$16,579,030.2898.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$221,000.001.32%0 FARGO BANK,
- N.A46\$10,060,885.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$10,060,885.84100%0\$0.** MORTGAGE,
- L.L.C46\$11,395,320.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$11,395,320.37100%0\$** MORTGAGE,
- L.L.C23\$6,050,139.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$6,050,139.54100%0\$0.0** MORTGAGE,
- L.L.C25\$5,000,499.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$5,000,499.32100**%**0\$0.0** MORTGAGE,
- L.L.C29\$5,999,916.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$5,999,916.30100%0\$0.0** MORTGAGE,
- L.L.C23\$4,999,670.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$4,999,670.41100%0\$0.0** MORTGAGE,
- L.L.C22\$3,691,941.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$3,691,941.00100%0\$0.0** MORTGAGE,
- L.L.C21\$3,038,202.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$3,038,202.15100%0\$0.0** MORTGAGE,
- L.L.C17\$4,231,319.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$4,231,319.00100%0\$0.0** MORTGAGE,
- L.L.C9\$1,900,663.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,900,663.29100%0\$0.00** MORTGAGE,
- L.L.C24\$4,999,651.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$4,999,651.12100%0\$0.0** MORTGAGE,
- L.L.C22\$5,000,436.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$5,000,436.00100%0\$0.0** MORTGAGE,
- L.L.C40\$10,207,641.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 40\$10,207,641.00100%0\$** MORTGAGE,
- L.L.C42\$9,820,743.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 42\$9,820,743.00100%0\$0.0** MORTGAGE,
- L.L.C24\$4,999,845.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$4,999,845.87100%0\$0.0**DIRECT
- DELIVERY15\$1,472,413.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$1,472,413.00100**%
- DELIVERY21\$5,188,935.34100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 21\$5,188,935.34100**% DIRECT
- DELIVERY76\$5,224,435.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 76\$5,224,435.55100**%
- DELIVERY93\$9,030,776.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 93\$9,030,776.74100**%
- DELIVERY61\$7,159,799.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 61\$7,159,799.50100**%
- DELIVERY87\$12,035,939.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 87\$12,035,939.3610**
- DELIVERY96\$15,618,929.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 96\$15,618,929.2910

BANK152\$34,444,028.0475.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$11,238,442.58 BANK5\$612,324.4253.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$523,917,7046.11%0 BANK8\$1,443,267.6078.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$401,200.0021.75% BANK157\$39,457,829.2954.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable112\$32,377,978. BANK5\$1,590,758.009.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable62\$15,918,441.6990.9 BANK63\$4,440,541.1959.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$2,973,969.5940 BANK65\$6,402,394.1450.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$6,244,017.2349 BANK43\$5,035,756.7253.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$4,351,412.9446 BANK84\$11,531,509.8554.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$9,564,065.394 BANK257\$68,729,753.9945.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable284\$82,542,222... BANK20\$1,438,222.2132.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$2,959,052.3067 BANK24\$2,345,235.4050.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$2,327,193.9449 BANK22\$4,165,202.8789.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$473,949.0610.22 BANK23\$4,427,959.8386.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$670,250.0013.15 BANK17\$3,330,152.9583.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$666,542.8416.68 BANK6\$699,352.1531.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,530,312.2868.63 BANK28\$5,804,049.2485.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$957,000.0014.15 BANK10\$1,390,806.0245.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,649,595.0454 BANK18\$4,143,376.0160.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,667,363.1039 BANK1\$237,500.0012.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,733,429.6687.95% BANK3\$478,235.4041.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$666,703.0058.23%0 BANK11\$2,883,524.9943.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$3,804,629.6056 BANK3\$636,191.8732.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,302,275.0067.18% BANK246\$56,030,030.0996.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,066,944.303 BANK94\$18,273,404.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 94\$18,273,404.02100%0\$0.00NA0\$0.00NA BANK34\$7,379,827.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 34\$7,379,827.06100%0\$0.** BANK10\$2,434,986.087.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable120\$30,106,761.239 BANK9\$2,403,691.429.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable93\$21,712,674.7590.0 BANK25\$1,559,821.8068.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$714,050.0031.4% BANK35\$3,420,031.6279.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$905,900.0720.94 BANK39\$5,066,887.1664.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$2,785,018.2335 BANK70\$16,075,779.2651.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable53\$15,034,340.11 BANK15\$2,009,548.8279.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$524,200.4120.69 BANK201\$52,249,428.1334.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable336\$98,984,250... LLC3\$551,379.9248.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$581,485.1651.33%0\$0 LLC6\$855,420.0055.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$681,700.0044.35%0\$0 LLC7\$1,289,933.5637.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,132,950.0062.319 LLC7\$1,121,770.0052.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,003,300.0047.21% LLC4\$1,018.040.0049.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,059,328.1150.99% LLC3\$502,225.0050.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$500,600.0049.92%0\$0 LLC5\$987,900.0064.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$551,779.0435.84%0\$0 LLC50\$7,920,104.6760.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$5,236,388.6139.8% LLC7\$1,006,833.7846.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,170,891.2153.77% LLC9\$522,456.3242.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$698,055.6057.19%0\$ LLC11\$653,379.8649.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$659,876.1950.25%0 LLC3\$611,925.0053.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$542,000.0046.97%0\$0 LLC4\$426,922.1840.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 3\$622,923.8559.33%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NALLC69\$7,915,505.1463.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable45\$4,566,241.9436.58 LLC12\$771,443.7766.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$380,750.0033.05%0\$ LLC6\$823,800.0039.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,279,690.0060.84%0\$ AMERICAN MORTGAGE

COMPANY3\$912,600.007.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$11,254,506.5892 AMERICAN MORTGAGE

COMPANY1\$223,089.779.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable 9\$2,166,161.8590. AMERICAN MORTGAGE

COMPANY5\$1,028,500.009.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable38\$10,236,825.5 AMERICAN MORTGAGE

COMPANY1\$200,000.001.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable45\$12,734,863.389 AMERICAN MORTGAGE

COMPANY1\$274,000.002.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$12,527,007.189 AMERICAN MORTGAGE

COMPANY7\$1,482,500.005.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable121\$24,824,360. AMERICAN MORTGAGE

COMPANY4\$657,639.7813.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$4,363,857.5486 AMERICAN MORTGAGE

COMPANY3\$436,429.574.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable74\$9,690,412.2295 AMERICAN MORTGAGE

COMPANY3\$320,000.002.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable116\$11,310,602.92 AMERICAN MORTGAGE

COMPANY5\$359,380.064.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable115\$7,562,781.219 AMERICAN MORTGAGE

COMPANY3\$602,950.002.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable73\$21,251,553.679 AMERICAN MORTGAGE

COMPANY1\$285,000.005.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,911,505.0094 AMERICAN MORTGAGE

COMPANY2\$192,500.0018.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$867,499.1781.8 AMERICAN MORTGAGE

COMPANY1\$119,700.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable108\$23,888,308.609 AMERICAN MORTGAGE

COMPANY15\$4,329,539.0011.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable105\$32,002,01 AMERICAN MORTGAGE

COMPANY14\$1,786,910.8310.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable119\$15,501,89 AMERICAN MORTGAGE

COMPANY5\$608,850.0010.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$5,246,025.1889 AMERICAN MORTGAGE

COMPANY7\$1,978,400.006.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable92\$26,556,224.5 AMERICAN MORTGAGE

COMPANY5\$790,850.008.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable50\$8,093,930.7391. AMERICAN MORTGAGE

COMPANY3\$415,800.008.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable35\$4,498,755.2893 AMERICAN MORTGAGE

COMPANY6\$593,330.005.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable101\$10,054,951.05 AMERICAN MORTGAGE

COMPANY11\$3,136,458.585.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable183\$53,714,242 AMERICAN MORTGAGE

COMPANY3\$845,012.314.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable73\$20,202,115.789 AMERICAN MORTGAGE

COMPANY6\$2,060,000.003.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable189\$55,979,445. AMERICAN MORTGAGE

COMPANY6\$804,688.784.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable131\$17,094,124.359
AMERICAN MORTGAGE

COMPANY1\$258,750.001.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$15,432,968.269

AMERICAN MORTGAGE

COMPANY2\$262,338.072.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable75\$9,856,073.309° AMERICAN MORTGAGE

COMPANY7\$1,122,766.279.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable66\$10,758,717.7 AMERICAN MORTGAGE

COMPANY3\$294,523.673.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable90\$8,903,336.0796. AMERICAN MORTGAGE

COMPANY2\$326,584.304.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$6,702,807.2195 AMERICAN MORTGAGE

COMPANY3\$969,420.003.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable93\$26,594,502.369 AMERICAN MORTGAGE

COMPANY1\$234,800.002.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$10,119,589.759 AMERICAN MORTGAGE

COMPANY7\$2,098,750.009.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$19,887,609.8 AMERICAN MORTGAGE

COMPANY4\$387,400.006.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable60\$5,934,271.2793 AMERICAN MORTGAGE

COMPANY1\$139,200.002.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable52\$6,787,315.809° AMERICAN MORTGAGE

COMPANY2\$139,722.503.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$4,404,461.2190 AMERICAN MORTGAGE

COMPANY3\$203,884.274.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$4,511,068.8593 AMERICAN MORTGAGE

COMPANY2\$252,585.738.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,669,543.019 AMERICAN MORTGAGE

COMPANY8\$2,038,350.005.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable125\$34,871,933. AMERICAN MORTGAGE

COMPANY4\$1,014,105.762.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable152\$47,833,136. AMERICAN MORTGAGE

COMPANY2\$501,300.002.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable66\$19,390,752.019 AMERICAN MORTGAGE

COMPANY1\$235,000.002.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$9,109,011.009° AMERICAN MORTGAGE

COMPANY3\$638,475.002.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable77\$22,070,087.749 AMERICAN MORTGAGE

COMPANY5\$1,317,300.008.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable47\$13,488,497.10 AMERICAN MORTGAGE

COMPANY5\$1,238,750.0010.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$10,401,258. AMERICAN MORTGAGE

COMPANY7\$521,152.538.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable82\$5,836,019.9891. AMERICAN MORTGAGE

COMPANY7\$415,720.5210.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable57\$3,593,911.148 AMERICAN MORTGAGE

COMPANY4\$654,100.0012.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$4,390,995.428 AMERICAN MORTGAGE

COMPANY4\$532,700.005.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable64\$8,374,688.5794 OF AMERICA.

N.A93\$20,507,184.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **93\$20,507,184.11100%0\$0.**

BANK14\$1,302,777.5276.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$395,679.9623.3%0 PLACE

BANK14\$1,632,820.4779.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$412,217.6520.16

BANK33\$2,812,998.1583.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$553,250.7116.44

BANK9\$1,046,426.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,046,426.14100**%**0\$0.00** PLACE

BANK21\$1,767,293.5990.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$194,843.089.93% PLACE

BANK13\$1,790,140.4893.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$124,815.856.52% MORTGAGE

COMPANY26\$3,563,499.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 26\$3,563,499.75100**% OF AMERICA.

N.A22\$2,401,728.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$2,401,728.37100%0\$0.00** OF AMERICA,

N.A5\$1,016,716.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,016,716.28100%0\$0.00 0\$**OF AMERICA,

N.A10\$2,329,967.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$2,329,967.65100%0\$0.00** OF AMERICA,

N.A17\$2,877,679.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$2,877,679.87100%0\$0.00** OF AMERICA.

N.A14\$3,142,731.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,142,731.81100%0\$0.00** OF AMERICA,

N.A9\$1,261,564.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,261,564.19100%0\$0.00 0\$** MORTGAGE

CORPORATION6\$502,129.8232.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,050,87 MORTGAGE

CORPORATION5\$1,106,325.7630.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$2,570, OF AMERICA,

N.A14\$2,479,364.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$2,479,364.56100%0\$0.00** OF AMERICA,

N.A18\$3,272,280.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$3,272,280.01100%0\$0.00** OF AMERICA,

N.A11\$1,837,076.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,837,076.71100%0\$0.00** OF AMERICA,

N.A13\$1,940,606.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$1,940,606.90100%0\$0.00** OF AMERICA,

N.A8\$1,834,423.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,834,423.00100%0\$0.00 0\$** OF AMERICA,

N.A42\$10,001,648.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$10,001,648.58100%0\$0.**OF AMERICA,

N.A46\$10,055,683.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$10,055,683.16100%0\$0.** OF AMERICA,

N.A67\$15,001,396.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 67\$15,001,396.01100%0\$0.**OF AMERICA,

N.A13\$2,132,570.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$2,132,570.86100%0\$0.00** OF AMERICA,

N.A6\$1,570,247.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,570,247.68100%0\$0.00 0\$** OF AMERICA,

N.A6\$1,063,820.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **6\$1,063,820.73100%0\$0.00 0\$** OF AMERICA,

N.A22\$1,462,264.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$1,462,264.84100%0\$0.00**

OF AMERICA,

N.A48\$10,062,780.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 48\$10,062,780.05100%0\$0.**OF THE

WEST220\$47,768,869.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 220\$47,768,869.27100**%

BANK43\$6,586,099.3878.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,827,700.0021.7

BANK6\$915,400.0024.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$2,855,048.6775.72

WEST42\$5,437,902.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$5,437,902.97100%0\$0.** BANK, NATIONAL

ASSOCIATION13\$2,359,365.1955.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,886,5 BANK, NATIONAL

ASSOCIATION107\$26,868,110.4061.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable60\$16,5

ASSOCIATION17\$1,981,800.7582.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$415,061 MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$274,000.002.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$10,429,781.309 MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$77,000.000.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$10,916,395.9499. BRADLEY MORTGAGE CAPITAL,

LLC5\$1,495,541.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,495,541.02100%0\$0.00** BRADLEY MORTGAGE CAPITAL,

LLC30\$3,042,109.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 30\$3,042,109.33100%0\$0.00** MORTGAGE

CORPORATION7\$725,075.0044.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$901,404.5

CORPORATION4\$1,094,209.7553.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$944,135

CORPORATION2\$236,412.0015%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,339,662.4 MORTGAGE

CORPORATION4\$826,900.009.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$7,919,698 CHASE BANK, NATIONAL

ASSOCIATION9\$1,743,636.9657.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,282,61 CHASE BANK, NATIONAL

ASSOCIATION16\$2,380,518.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$2,380,518.561** CHASE BANK, NATIONAL

ASSOCIATION15\$2,136,691.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$2,136,691.381** CHASE BANK, NATIONAL

ASSOCIATION39\$6,785,689.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 39\$6,785,689.021** CHASE BANK, NATIONAL

ASSOCIATION10\$1,287,311.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,287,311.031** CHASE BANK, NATIONAL

ASSOCIATION6\$1,290,339.7378.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$359,519. CHASE BANK, NATIONAL

ASSOCIATION7\$966,227.0665.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$516,372.59 BANK36\$7,061,565.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$7,061,565.36100**%**0\$0.**

BANK52\$10,155,005.6297.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Total 30\$7,001,303.30100 %0\$0.

 $BANK24\$5,381,450.84100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}~\mathbf{24\$5,381,450.84100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}~\mathbf{24\$5,381,450.84100\%0\$0.00NA0$

BANK57\$3,942,759.9769.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$1,715,636.8730. BANK69\$6,674,946.7965.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$3,557,338.3934

BANK46\$5,355,249.4560.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$3,512,334.5039 BANK83\$11,309,160.8072.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$4,290,200.1427 MORTGAGE

CORPORATION1\$132,000.0013.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$878,604.5 MORTGAGE

CORPORATION1\$183,352.699.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,845,098. BANK2\$116,500.0010.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,015,738.5489.71 BANK7\$450,511.0043.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$590,197.8256.71% BANK4\$1,102,550.0013.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$7,061,665.7386.59 BANK6\$1,116,587.197.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable50\$13,689,970.8392.4 BANK2\$273,290.0928.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$697,000.0071.83%0 BANK11\$1,382,960.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 11\$1,382,960.07100%0\$0. BANK101\$26,245,634.1197.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$642,642.772.3 BANK12\$2,197,275.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 12\$2,197,275.37100%0\$0. BANK10\$2,224,814.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,224,814.72100%0\$0.** BANK26\$5,011,853.247.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable252\$57,870,021.809 BANK62\$4,042,432.5975.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$1,334,711.1324 BANK59\$5,822,722.3976.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$1,780,153.9023 BANK75\$9,784,119.7774.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$3,262,493.7525 BANK326\$83,568,182.5655.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable231\$66,367,817.4 BANK1\$224,362.8215.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,208,668.4584.34% BANK27\$1,881,690.0453.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$1,621,888.6546 BANK23\$2,295,215.8574.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$790,953.3625.63 BANK22\$4,348,951.9581.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$972,650.0018.28 BANK23\$4,542,500.3285.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$744,076.1214.07 BANK21\$3,972,466.2485.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$665,081.1114.34 BANK5\$589,518.1538.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$937,829.5061.4%0\$0 BANK20\$3,946,332.0186.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$635,048.7513.86 BANK11\$1,527,397.5354.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,260,474.5545.2 BANK11\$2,673,965.2150.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,578,094.4849 BANK1\$309,600.0011.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,367,583.9288.44% BANK4\$639,551.5650.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$629,216.8649.59%0 BANK3\$887,513.0016.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$4,352,621.8783.06 BANK1\$264,000.0016.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,314,953.2783.28% BANK3\$370,388.9718.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,649,889.0981.67 BANK1\$158,400.008.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,726,662.0391.6%0\$ BANK201\$45,795,732.6996.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,535,886.533 BANK88\$17,462,606.8299.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$169,700.000.96 MORTGAGE,

LTD7\$1,794,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,794,200.00100%0\$0.00 MORTGAGE**,

LTD14\$1,134,597.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$1,134,597.69100%0\$0.00** MORTGAGE,

LTD11\$2,784,550.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,784,550.00100%0\$0.00** MORTGAGE,

LTD6\$1,688,250.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,688,250.00100%0\$0.00N** MORTGAGE,

 $LTD8\$1,132,900.00100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}~~\mathbf{8\$1,132,900.00100\%0\$0.00}~~\mathbf{0\$0.000}~~\mathbf{0\$$

CORPORATION1\$140,000.008.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,533,136. MORTGAGE

CORPORATION6\$720,675.0059.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$500,548.5 MORTGAGE

CORPORATION7\$1,882,899.0031.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,174, MORTGAGE

CORPORATION3\$418,750.0033.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$834,805.07 FUNDING ASSOCIATES,

L.P1\$197,300.005.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$3,119,500.0094.05%0\$0. FUNDING ASSOCIATES,

L.P4\$1,136,500.0049.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,148,000.0050.25%0 FUNDING ASSOCIATES,

L.P13\$3,293,959.5851.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$3,123,350.0048.67% FUNDING ASSOCIATES,

L.P12\$3,510,250.0059.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,389,500.0040.5%0\$ FUNDING ASSOCIATES,

L.P4\$1,117,000.0041.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,545,368.4458.04%0 FUNDING ASSOCIATES,

L.P3\$823,881.9816.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,212,021.2383.64%0\$0.00NA

L.P14\$3,675,300.0046.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,214,000.0053.419 FUNDING ASSOCIATES,

L.P15\$4,029,150.0059.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,722,000.0040.32% FUNDING ASSOCIATES.

L.P2\$143,000.0011.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,136,210.0088.82%0\$0 FUNDING ASSOCIATES,

L.P18\$4,401,201.6245.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$5,252,500.0054.419 FUNDING ASSOCIATES,

L.P9\$2,128,000.0036.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$3,673,000.0063.32% FUNDING ASSOCIATES,

L.P10\$2,781,050.0070.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,188,000.0029.93% FUNDING ASSOCIATES,

L.P10\$2,664,350.0056.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$2,014,500.0043.06% FUNDING ASSOCIATES,

L.P16\$4,371,100.0049.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$4,458,437.6250.499 FUNDING ASSOCIATES,

L.P18\$5,574,081.8668.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$2,529,000.0031.21% OF THE

WEST112\$15,671,813.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 112\$15,671,813.40100**% BANK,

N.A46\$9,635,216.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$9,635,216.16100%0\$0.00** BANK.

N.A41\$8,387,017.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 41\$8,387,017.83100%0\$0.00**

N.A44\$9,239,234.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 44\$9,239,234.26100%0\$0.00**

 $N.A44\$10,029,200.22100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}\ \mathbf{44\$10,029,200.22100\%0\$0}.\\BANK,$

N.A9\$1,952,090.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,952,090.75100%0\$0.00 0\$** BANK.

N.A50\$9,547,096.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 50\$9,547,096.67100%0\$0.00** BANK, NATIONAL

ASSOCIATION8\$1,415,833.2460.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$909,567.

WEST MORTGAGE COMPANY

INC5\$497,587.0645.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$587,710.6054.15%0\$0.00NA Unavailable8\$587,710.6054.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC7\$707,600.1344.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$876,937.9155.34%0\$0. WEST MORTGAGE COMPANY

INC7\$768,934.8268.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$349,646.7831.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

INC1\$270,800.4723.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$880,581.1876.48%0\$0.

INC5\$1,441,265.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,441,265.98100%0\$0.00 0\$** WEST MORTGAGE COMPANY

INC4\$1,051,164.3344.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,293,289.8855.16%0 OF THE

WEST32\$5,761,015.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$5,761,015.76100%0\$0.**MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY1\$141,000.0010.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,256,000.0089 BANK, NATIONAL

ASSOCIATION18\$2,886,409.1544.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$3,559, MORTGAGE

INC11\$2,211,218.0095.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$113,692.664.89%0\$ MORTGAGE

INC23\$2,704,425.0088.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$359,940.5311.75%0 MORTGAGE

INC27\$5,312,202.1996.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$168,000.003.07%0\$ MORTGAGE

INC33\$4,538,944.0080.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,072,776.3619.12% MORTGAGE

INC93\$24,454,076.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 93\$24,454,076.12100%0\$0.** MORTGAGE

INC104\$27,113,785.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 104\$27,113,785.82100%0\$** MORTGAGE

INC3\$1,347,685.009.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable52\$12,473,588.4390.25% MORTGAGE

INC38\$9,099,716.4462.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$5,395,995.3137.22 MORTGAGE

INC80\$16,717,892.6695.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$730,800.004.19%0 MORTGAGE

INC75\$17,955,686.1697.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$402,000.772.19%0 MORTGAGE

INC94\$21,735,790.3885.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,703,505.0114.5 MORTGAGE

INC71\$8,332,063.1056.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$6,393,611.8543.42 MORTGAGE

INC127\$30,466,784.3570.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable47\$12,524,845.3129 MORTGAGE

INC104\$14,330,715.9754.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable85\$11,772,303.5145. MORTGAGE

INC693\$181,970,383.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 693\$181,970,383.79100%

INC1\$420,183.230.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable820\$228,958,288.1199.829 MORTGAGE

INC12\$7,358,080.6685.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$1,250,138.2214.52% MORTGAGE

INC32\$2,004,266.0045.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$2,405,529.2654.55 MORTGAGE

INC21\$2,061,787.0350.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$2,001,467.6349.26 MORTGAGE

INC3\$575,997.7933.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,150,217.5466.63%0\$ MORTGAGE

INC7\$829,796.0025.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$2,377,398.8574.13%0 MORTGAGE

INC8\$1,872,179.2753.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,648,142.8546.82% MORTGAGE

INC18\$2,501,963.0445.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,952,455.1854.13 MORTGAGE

INC13\$1,740,410.0094.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$96,426.375.25%0\$0 MORTGAGE

INC15\$958,065.0087.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$135,956.5712.43%0\$0 MORTGAGE

INC16\$2,824,928.0096.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$107,500.003.67%0\$ MORTGAGE

INC85\$5,441,980.7176.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$1,710,926.0623.92 MORTGAGE

INC43\$4,219,289.5374.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,456,203.2725.66 MORTGAGE

INC11\$1,962,182.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,962,182.48100%0\$0.00** MORTGAGE

INC17\$3,173,859.39100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$3,173,859.39100%0\$0.00** MORTGAGE

INC23\$6,129,839.0024.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable61\$18,814,308.5475.4 MORTGAGE

INC21\$6,119,700.7624.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable61\$18,916,334.2175.5 MORTGAGE

INC27\$6,736,130.2526.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$18,379,493.2373.1 MORTGAGE

INC24\$6,554,703.0026.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable60\$18,454,681.5473.7 MORTGAGE

INC13\$3,991,065.0066.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,045,590.6033.89% MORTGAGE

INC2\$517,000.008.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$5,891,100.0091.93%0\$ MORTGAGE

INC5\$1,144,300.0026.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$3,194,792.8973.63% MORTGAGE

INC12\$3,099,457.0012.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable64\$21,340,670.2487.3 MORTGAGE,

LLC16\$1,610,835.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$1,610,835.00100%0\$0.00** MORTGAGE,

LLC13\$2,082,920.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$2,082,920.00100%0\$0.00** MORTGAGE,

LLC15\$4,516,063.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$4,516,063.00100%0\$0.00** MORTGAGE,

LLC11\$2,637,320.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$2,637,320.00100%0\$0.00**

- MORTGAGE,
- LLC15\$4,590,450.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$4,590,450.00100%0\$0.00** MORTGAGE,
- LLC15\$5,001,700.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$5,001,700.00100%0\$0.00** MORTGAGE,
- LLC11\$1,082,525.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,082,525.00100%0\$0.00** MORTGAGE,
- LLC20\$2,819,880.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$2,819,880.00100%0\$0.00** MORTGAGE,
- LLC6\$1,292,872.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,292,872.76100%0\$0.00** MORTGAGE,
- LLC16\$4,614,114.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$4,614,114.46100%0\$0.00** MORTGAGE,
- LLC12\$1,174,228.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,174,228.65100%0\$0.00** MORTGAGE,
- LLC7\$1,008,915.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,008,915.00100%0\$0.00 0** MORTGAGE,
- LLC9\$1,471,363.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,471,363.71100%0\$0.00** MORTGAGE,
- LLC14\$4,464,920.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$4,464,920.00100%0\$0.00** MORTGAGE,
- LLC18\$6,255,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$6,255,000.00100%0\$0.00** MORTGAGE,
- LLC5\$1,393,828.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,393,828.48100%0\$0.00** MORTGAGE,
- LLC25\$7,440,842.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$7,440,842.75100%0\$0.00** MORTGAGE,
- LLC6\$1,002,587.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,002,587.00100%0\$0.00 0** MORTGAGE,
- LLC6\$1,451,705.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,451,705.05100%0\$0.00** 08 MORTGAGE,
- LLC18\$6,255,340.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$6,255,340.00100%0\$0.00** MORTGAGE,
- LLC5\$1,006,893.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,006,893.00100%0\$0.00** MORTGAGE,
- LLC18\$5,552,525.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$5,552,525.00100%0\$0.00** MORTGAGE,
- LLC18\$5,672,300.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$5,672,300.00100%0\$0.00** MORTGAGE,
- LLC12\$4,537,709.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$4,537,709.00100%0\$0.00** MORTGAGE,
- LLC17\$1,201,359.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$1,201,359.00100%0\$0.00** MORTGAGE,
- LLC19\$1,181,121.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$1,181,121.00100%0\$0.00** MORTGAGE,
- LLC6\$1,139,647.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **6\$1,139,647.14100%0\$0.00** MORTGAGE,
- LLC9\$1,023,355.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,023,355.84100%0\$0.00** MORTGAGE,
- LLC16\$2,612,700.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$2,612,700.00100%0\$0.00** MORTGAGE,

- LLC4\$1,011,195.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,011,195.82100%0\$0.00** 00 MORTGAGE,
- LLC10\$1,367,625.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,367,625.00100%0\$0.00** MORTGAGE,
- LLC7\$1,645,471.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,645,471.68100%0\$0.00 0** MORTGAGE,
- LLC6\$1,511,355.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,511,355.00100%0\$0.00** MORTGAGE,
- LLC21\$1,298,247.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$1,298,247.74100%0\$0.00** MORTGAGE,
- LLC15\$1,498,991.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$1,498,991.97100%0\$0.00** MORTGAGE,
- LLC9\$1,040,982.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,040,982.51100%0\$0.00** MORTGAGE,
- LLC19\$1,187,056.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 19\$1,187,056.42100%0\$0.00** MORTGAGE,
- LLC34\$11,359,272.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 34\$11,359,272.90100%0\$0.** MORTGAGE,
- LLC37\$11,680,114.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$11,680,114.00100%0\$0** MORTGAGE,
- LLC14\$4,410,823.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$4,410,823.00100%0\$0.00** MORTGAGE,
- LLC7\$1,123,382.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,123,382.16100%0\$0.00 0** MORTGAGE,
- LLC20\$5,980,737.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$5,980,737.00100%0\$0.00** MORTGAGE,
- LLC4\$1,098,585.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,098,585.00100%0\$0.00 0** MORTGAGE,
- LLC18\$5,350,931.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$5,350,931.62100%0\$0.00** MORTGAGE,
- LLC9\$1,057,137.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,057,137.13100%0\$0.00** MORTGAGE,
- LLC46\$14,237,434.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$14,237,434.00100%0\$0** MORTGAGE,
- LLC12\$1,675,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,675,200.00100%0\$0.00** MORTGAGE,
- LLC17\$5,139,312.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$5,139,312.09100%0\$0.00** MORTGAGE,
- LTD8\$1,517,067.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$1,517,067.00100%0\$0.00 0** MORTGAGE,
- LTD8\$1,838,870.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$1,838,870.00100%0\$0.00 0** MORTGAGE
- CORPORATION2\$344,792.0015.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,831,318 MORTGAGE
- CORPORATION1\$75,200.006.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,105,007.4 MORTGAGE
- CORPORATION8\$885,400.0040.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,320,72 MORTGAGE
- CORPORATION3\$795,000.0011%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$6,435,351.4

MORTGAGE

CORPORATION6\$604,575.1935.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,117,04 MORTGAGE

CORPORATION3\$752,570.0024.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,286,83 MORTGAGE

CORPORATION5\$504,918.5938.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$820,376.96 MORTGAGE,

LTD14\$3,978,116.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,978,116.81100%0\$0.00** MORTGAGE,

LTD17\$4,838,091.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$4,838,091.24100%0\$0.00** MORTGAGE,

LTD26\$7,390,125.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 26\$7,390,125.00100%0\$0.00** MORTGAGE,

LTD10\$2,534,150.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,534,150.00100%0\$0.00** MORTGAGE,

LTD35\$10,446,050.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 35\$10,446,050.00100%0\$0** MORTGAGE,

LTD11\$1,002,950.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,002,950.00100%0\$0.00** MORTGAGE,

LTD23\$1,883,777.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$1,883,777.00100%0\$0.00** MORTGAGE,

LTD13\$1,728,605.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$1,728,605.00100%0\$0.00** MORTGAGE,

LTD22\$2,901,736.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$2,901,736.59100%0\$0.00** BRADLEY MORTGAGE CAPITAL,

LLC18\$4,824,365.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$4,824,365.41100%0\$0.00**BANK,

N.A25\$3,581,627.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$3,581,627.40100%0\$0.00** BANK

N.A36\$6,810,738.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$6,810,738.53100%0\$0.00** BANK & TRUST

COMPANY11\$1,479,700.0064.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$806,800.003

COMPANY6\$796,698.0479.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$205,500.0020.59 MORTGAGE

CORPORATION284\$90,143,248.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 284\$90,143,2**48

CORPORATION59\$9,508,835.3372.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$3,538 MORTGAGE

CORPORATION48\$9,045,844.1172.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$3,438 MORTGAGE

CORPORATION22\$7,228,629.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$7,228,629.03** MORTGAGE

CORPORATION36\$9,319,375.2891.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$826,50 MORTGAGE

CORPORATION37\$9,279,972.7276.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,796, MORTGAGE

CORPORATION1\$590,582.428.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$6,488,906 MORTGAGE

CORPORATION23\$6,550,154.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$6,550,154.55** MORTGAGE

CORPORATION90\$6,074,636.0672.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$2,332 MORTGAGE

CORPORATION70\$11,372,721.6580.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$2,70 MORTGAGE

CORPORATION178\$42,771,728.2759.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable92\$29 MORTGAGE

CORPORATION13\$2,107,914.2359.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,459,00 MORTGAGE

CORPORATION9\$1,229,172.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,229,172.9810** MORTGAGE

CORPORATION10\$2,454,200.7764.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,354, MORTGAGE

CORPORATION9\$1,065,332.3975.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$337,945 MORTGAGE

CORPORATION4\$1,153,621.0082.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$239,250 MORTGAGE

CORPORATION8\$1,103,146.0069.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$492,923 MORTGAGE

CORPORATION9\$851,529.1675.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$274,320.6 MORTGAGE

CORPORATION8\$1,217,967.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$1,217,967.8310** MORTGAGE

CORPORATION15\$4,465,234.9369.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,916, MORTGAGE

CORPORATION20\$5,659,501.0016.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable95\$29,65 MORTGAGE

CORPORATION49\$14,603,546.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$14,603,546.** MORTGAGE

CORPORATION2\$306,364.5625.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$912,400.00MORTGAGE

CORPORATION62\$8,555,991.0763.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$4,936 MORTGAGE

CORPORATION58\$18,236,293.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 58\$18,236,293**. MORTGAGE

CORPORATION14\$2,639,130.3063.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,497,9 MORTGAGE

CORPORATION80\$11,046,544.2277.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$3,28 MORTGAGE

CORPORATION406\$102,121,796.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 406\$102,121** MORTGAGE

CORPORATION49\$12,250,486.8898.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$200,0 MORTGAGE

CORPORATION21\$1,087,491.4069.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$486,338 MORTGAGE

CORPORATION5\$1,088,236.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,088,236.4910** MORTGAGE

CORPORATION24\$7,644,324.6074.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,615 LOANS

INC26\$1,663,266.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 26\$1,663,266.69100%0\$0.00**

INC9\$1,731,327.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 9\$1,731,327.32100%0\$0.00 0\$

LOANS

INC20\$3,457,775.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$3,457,775.00100%0\$0.00** LOANS

INC6\$1,207,400.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **6\$1,207,400.00100%0\$0.00 0\$**

INC18\$4,689,050.0084.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$828,750.0015.02%0

INC8\$1,294,375.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,294,375.00100%0\$0.00 0**\$ LOANS

INC8\$1,938,375.0091.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$176,400.008.34%0\$0 LOANS

INC9\$889,875.0081.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$200,278.0118.37%0\$0.

CORPORATION38\$9,117,498.4590.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$989,00 MICHIGAN CREDIT

UNION18\$1,644,397.0870.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$698,094.1129.8% LOANS

INC117\$31,359,568.3561.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable65\$19,865,543.7438

INC13\$1,859,175.0057.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,381,281.1342.63

INC2\$217,400.0021.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$793,360.5078.49%0\$0.

INC17\$4,095,653.3293.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$291,700.006.65%0\$

INC6\$1,698,075.0091.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$153,000.008.27%0\$0 LOANS

INC3\$825,275.0064.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$455,172.0035.55%0\$0. LOANS

INC10\$2,372,257.2563.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,349,987.8436.27%

INC105\$28,644,247.0097.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$730,545.542.49% LOANS

INC25\$4,060,364.3095.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$170,000.004.02%0\$ LOANS

INC27\$3,736,221.9992.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$283,052.177.04%0\$

INC21\$2,449,650.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$2,449,650.00100%0\$0.00**

INC59\$5,764,510.6492.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$449,170.267.23%0\$

INC26\$1,929,122.2288.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$249,335.5011.45%0 LOANS

INC34\$7,730,779.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$7,730,779.71100%0\$0.00**

INC50\$10,169,093.6492.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$820,900.007.47%0 LOANS

INC36\$7,761,191.3284.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,412,843.4415.4%0\$

INC74\$16,047,559.4090.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,668,030.009.42% LOANS

- INC9\$2,240,525.0083.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$450,000.0016.73%0\$ LOANS
- INC35\$8,475,205.6595.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$369,723.474.18%0\$ LOANS
- INC11\$1,281,977.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,281,977.82100%0\$0.00** LOANS
- INC10\$1,002,625.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,002,625.00100%0\$0.00** LOANS
- INC16\$1,149,050.0088.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$143,680.0011.11%0 LOANS
- INC25\$6,574,450.0096.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$238,525.003.5%0\$0.00NA
- INC47\$11,306,350.0098.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$221,775.001.92%0 LOANS
- INC31\$7,627,025.0093.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$494,481.556.09%0\$
- INC50\$10,644,475.0092.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$846,035.007.36%0 LOANS
- INC10\$2,821,200.0065.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,480,250.0034.41%
- INC29\$7,000,589.6396.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$220,000.003.05%0\$ LOANS
- INC24\$4,938,143.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$4,938,143.21100%0\$0.00**
- INC9\$1,491,700.0089.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$174,900.0010.49%0\$ LOANS
- INC8\$1,129,625.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,129,625.00100%0\$0.00 0\$** LOANS
- INC10\$1,187,975.0090.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$120,000.009.17%0\$ LOANS
- INC37\$10,359,281.3591.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,018,250.008.95% LOANS
- INC8\$1,116,325.0066.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$564,690.3633.59%0\$ LOANS
- INC5\$850,900.0084.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$154,000.0015.32%0\$0. LOANS
- INC7\$1,313,950.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,313,950.00100%0\$0.00 0\$** LOANS
- INC13\$1,236,097.0070.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$523,975.0029.77%0
- INC16\$4,387,945.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$4,387,945.09100%0\$0.00** LOANS
- INC10\$1,349,750.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,349,750.00100%0\$0.00** LOANS
- INC7\$1,017,825.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,017,825.00100%0\$0.00 0\$** LOANS
- INC23\$2,251,425.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$2,251,425.00100%0\$0.00** LOANS
- INC6\$1,010,175.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,010,175.00100%0\$0.00 0\$** LOANS
- INC69\$18,425,723.7854.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$15,522,329.0945.

LOANS

INC12\$1,665,425.0063.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$970,015.0336.81%0 LOANS

INC8\$939,825.0047.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,054,339.4352.87%0\$

INC10\$2,602,375.0062.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,552,720.0037.37%

INC6\$1,440,975.0072.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$556,950.0027.88%0\$ LOANS

INC8\$2,204,275.0077.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$629,100.0022.2%0\$0.0 LOANS

INC57\$17,667,000.0095.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$834,250.004.51%0

INC8\$1,322,550.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,322,550.00100%0\$0.00 0\$** LOANS

INC28\$3,829,750.0087.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$527,075.0012.1%0\$0 LOANS

INC16\$1,886,775.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,886,775.00100%0\$0.00** LOANS

INC39\$3,831,275.0097.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$100,100.002.55%0\$ AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE47\$10,783,800.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 47\$10,783,800.001** AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE18\$3,161,750.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$3,161,750.0010**0 AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE11\$3,165,450.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$3,165,450.0010**0 ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES20\$8,000,372.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$8,000,372.56100**% LOANS

INC7\$1,447,325.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,447,325.00100%0\$0.00 0\$**

INC10\$1,410,125.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,410,125.00100%0\$0.00** LOANS

INC17\$1,035,550.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$1,035,550.00100%0\$0.00**

INC6\$1,160,468.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,160,468.31100%0\$0.00** 0\$

INC8\$1,368,575.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,368,575.00100%0\$0.00 0\$**

INC7\$1,540,350.0090.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$166,049.869.73%0\$0

INC43\$12,268,507.0853.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$10,465,827.5546.

INC6\$813,100.0054.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$689,848.2745.9%0\$0.00

INC12\$1,166,225.0074.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$399,852.3325.53%0

INC6\$398,250.0031.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$865,863.6268.5%0\$0.00NA

INC6\$1,781,375.0047.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,961,469.4152.41%0 LOANS

- INC2\$536,150.0044.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$657,612.0055.09%0\$0. LOANS
- INC7\$1,678,100.0070.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$706,000.0029.61%0\$ LOANS
- INC29\$8,045,761.2389.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$934,721.9810.41%0 LOANS
- INC14\$2,247,675.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$2,247,675.00100%0\$0.00**
- INC15\$2,079,675.0075.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$686,053.3324.81%0 LOANS
- INC11\$1,311,700.0091.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$120,000.008.38%0\$
- INC31\$3,057,950.0094.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$193,342.675.95%0\$ LOANS
- INC15\$3,306,850.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$3,306,850.00100%0\$0.00**
- INC21\$4,779,300.0097.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$114,600.002.34%0\$ LOANS
- INC11\$2,713,850.0095.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$114,000.004.03%0\$
- INC25\$5,600,225.0094.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$327,558.175.53%0\$ LOANS
- INC12\$2,831,625.0082.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$616,568.2817.88%0 MICHIGAN CREDIT
- UNION24\$2,383,310.9951.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$2,236,603.9248 MICHIGAN CREDIT
- UNION37\$4,807,744.5737.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable61\$7,957,863.3562 ACCESS CORP.DBA WEICHERT FINANCIAL
- SERVICES22\$7,000,199.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$7,000,199.03100**% ACCESS CORP.DBA WEICHERT FINANCIAL
- SERVICES20\$7,000,181.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$7,000,181.52100**% ACCESS CORP.DBA WEICHERT FINANCIAL
- SERVICES27\$6,999,443.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 27\$6,999,443.44100**% ACCESS CORP.DBA WEICHERT FINANCIAL
- SERVICES7\$1,906,926.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,906,926.93100%0\$** MORTGAGE,
- LLC12\$1,528,179.0954.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,265,027.8045.29 MORTGAGE,
- LLC18\$1,655,101.2659%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,150,276.3941%0\$0 MORTGAGE,
- LLC15\$1,928,130.5968.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$905,544.0931.96%0 MORTGAGE,
- LLC5\$798,805.8955.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$629,440.9144.07%0\$0 MORTGAGE,
- LLC2\$722,478.5535.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,299,728.1164.27%0\$ MORTGAGE,
- LLC1\$273,871.0521.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$995,752.7278.43%0\$0 MORTGAGE,
- LLC2\$509,334.2743.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$673,117.3156.93%0\$0 MORTGAGE,
- LLC9\$1,641,525.4977.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$465,450.0022.09%0\$

MORTGAGE,

LLC12\$2,872,582.4663.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,680,319.8536.919 MORTGAGE.

LLC16\$3,182,086.4970.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,309,385.8429.159 MORTGAGE,

LLC14\$2,846,759.5647.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,154,137.1752.56 MORTGAGE,

LLC21\$1,735,642.2187.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$239,282.6412.12%0 MORTGAGE,

LLC5\$1,177,623.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,177,623.46100%0\$0.00** MORTGAGE,

LLC4\$1,154,076.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,154,076.92100%0\$0.00** MORTGAGE,

LLC5\$1,010,275.3887.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$144,218.3212.49%0\$ MORTGAGE,

LLC19\$3,241,022.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$3,241,022.27100%0\$0.00** MICHIGAN CREDIT

UNION26\$3,321,230.0076.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,022,646.9623. MICHIGAN CREDIT

UNION8\$1,018,511.1227.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,658,895.9572.3 MICHIGAN CREDIT

UNION35\$2,195,305.2263.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$1,244,544.1236

INC15\$1,772,475.0093.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$115,000.006.09%0\$

INC16\$1,119,075.0080.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$268,850.0019.37%0 LOANS

INC8\$1,102,520.7989.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$126,000.0010.26%0\$

INC9\$1,544,893.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,544,893.00100%0\$0.00 0\$**

INC125\$34,935,916.3973.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$12,340,265.0026.

INC13\$1,782,500.0055.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,448,474.6544.83

INC10\$1,154,300.0062.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$695,193.7637.59%0

INC23\$2,265,000.0078.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$609,450.0021.2%0\$0

INC14\$1,044,475.0070.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$445,700.0029.91%0

INC10\$2,415,238.6549.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,472,880.0050.59

LOANS INC8\$2,403,625.0070.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,007,075.0029.53%

INC8\$1,842,925.0061.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,147,638.6138.38%

INC36\$8,749,350.0076.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,623,850.0023.07

INC7\$1,780,450.0052.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,637,800.0047.91%0 LOANS

- INC2\$600,000.0047.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$666,500.0052.63%0\$0. LOANS
- INC51\$13,604,166.5995.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$642,500.004.51%0 LOANS
- INC16\$2,598,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$2,598,200.00100%0\$0.00** LOANS
- INC17\$2,339,200.0089.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$282,579.1110.78%0 LOANS
- INC23\$2,686,475.0095.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$113,950.004.07%0\$ LOANS
- INC30\$2,941,262.9388.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$373,400.0011.27%0 LOANS
- INC35\$2,489,550.0094.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$143,425.005.45%0\$ LOANS
- INC40\$9,345,775.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 40\$9,345,775.00100%0\$0.00**
- INC52\$11,702,595.3097.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$360,076.122.99%0 LOANS
- INC34\$7,244,100.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$7,244,100.00100%0\$0.00**
- INC74\$14,828,650.0098.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$243,575.001.62%0 LOANS
- INC20\$4,838,600.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$4,838,600.00100%0\$0.00**
- INC15\$3,990,950.0076.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,253,500.0023.9%0\$ LOANS
- INC10\$1,002,900.0083.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$204,300.0016.92%0 LOANS
- INC16\$2,613,625.0080.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$638,000.0019.62%0 LOANS
- INC5\$954,975.0069.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$416,000.0030.34%0\$0.
- INC6\$1,074,225.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,074,225.00100%0\$0.00 0\$** LOANS
- INC13\$2,372,400.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$2,372,400.00100%0\$0.00** LOANS
- INC51\$9,465,300.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 51\$9,465,300.00100%0\$0.00** LOANS
- INC28\$4,605,725.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **28\$4,605,725.00100%0\$0.00** LOANS
- INC81\$21,691,200.0069.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$9,523,203.1730.5 LOANS
- INC5\$692,450.0055.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$550,680.0044.3%0\$0.00 LOANS
- INC23\$2,227,975.0082.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$479,025.0017.7%0\$0 LOANS
- INC12\$868,575.0082.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$179,750.0017.15%0\$0.00NS
- INC6\$1,379,775.0057.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,034,165.0042.84% LOANS
- INC27\$5,773,525.0085.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$971,850.0014.41%0

LOANS

INC6\$1,065,650.0077.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$306,225.0022.32%0\$ INC5\$1,330,234.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **5\$1,330,234.14100%0\$0.00 0\$** INC44\$8,210,466.9589.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$931,783.9710.19%0 INC42\$8,826,787.8393.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$623,944.906.6%0\$0.00NA0\$0 INC163\$14,366,709.3395.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$716,556.834.75% INC16\$1,898,309.7194.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$114,271.815.68%0\$ INC9\$1,251,203.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal **9\$1,251,203.91100%0\$0.00 0\$** INC7\$1,431,395.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 7\$1,431,395.99100%0\$0.00 0\$ INC12\$1,931,847.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 12\$1,931,847.93100%0\$0.00 INC20\$5,410,223.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 20\$5,410,223.15100%0\$0.00 INC1\$59,043.923.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,632,469.6396.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INC51\$10,291,799.7191.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$926,419.798.26%0 INC25\$4,457,814.1486.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$715,945.9813.84%0 INC20\$3,635,650.2296.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$146,011.943.86%0\$ INC19\$4,127,866.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 19\$4,127,866.41100%0\$0.00 INC15\$2,929,274.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 15\$2,929,274.87100%0\$0.00 FUNDING ASSOCIATES,

L.P10\$2,525,400.0057.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,846,000.0042.23% FUNDING ASSOCIATES,

L.P8\$2,147,500.0077.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$622,000.0022.46%0\$0 FUNDING ASSOCIATES,

L.P23\$5,347,150.0053.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$4,603,500.0046.269 FUNDING ASSOCIATES,

L.P17\$4,232,183.0056.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$3,274,500.0043.62% FUNDING ASSOCIATES,

L.P20\$4,649,600.0056.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$3,551,000.0043.3%0 FUNDING ASSOCIATES,

L.P8\$2,202,693.2465.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,156,000.0034.42%0 FUNDING ASSOCIATES,

L.P1\$271,200.0025.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$791,533.8874.48%0\$0.6 SAVINGS

FA5\$347,946.8923.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,103,395.4576.03%0\$ SAVINGS

FA14\$1,428,503.4932.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$2,971,613.3167.53% SAVINGS

FA15\$1,968,023.4541.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$2,720,634.8458.03% SAVINGS

FA12\$915,581.1468.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$426,482.7531.78%0\$0 SAVINGS

FA9\$2,074,458.3437.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$3,468,776.6862.58% SAVINGS

FA62\$15,906,588.2863.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$8,950,361.3236.01 SAVINGS

FA22\$4,369,785.0471.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,783,251.3128.98% SAVINGS

FA10\$1,806,308.4378.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$481,073.0321.03%0\$ ADVANTAGE MORTGAGE

COMPANY3\$449,720.003.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable71\$12,111,283.039 ADVANTAGE MORTGAGE

COMPANY5\$711,000.0015.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$3,856,753.888

ADVANTAGE MORTGAGE

COMPANY6\$811,550.003.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable150\$23,980,777.45 CAPITAL MARKETS

CORPORATION8\$2,349,441.005.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable136\$41,573 CAPITAL MARKETS

CORPORATION3\$577,045.005.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable38\$9,308,684 CAPITAL MARKETS

CORPORATION7\$1,215,741.007.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable57\$14,514,514,514

CORPORATION8\$505,377.677.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable98\$6,373,757 CAPITAL MARKETS

CORPORATION8\$807,180.1010.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable74\$7,207,24 CAPITAL MARKETS

CORPORATION7\$836,235.0011.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable57\$6,685,47 CAPITAL MARKETS

CORPORATION12\$640,016.8710.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable89\$5,342,02 CAPITAL MARKETS

CORPORATION7\$693,325.7516.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$3,632,33 CAPITAL MARKETS

CORPORATION1\$115,600.005.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,878,042. CAPITAL MARKETS

CORPORATION6\$810,572.7619.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$3,264,22 CAPITAL MARKETS

CORPORATION4\$1,214,435.0034.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,356, CAPITAL MARKETS

CORPORATION5\$1,308,305.5042.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,764,2. CAPITAL MARKETS

CORPORATION3\$689,249.9347.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$758,025.7 CAPITAL MARKETS

CORPORATION3\$615,235.7415.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,404,10 CAPITAL MARKETS

CORPORATION19\$1,264,311.7614.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable107\$7,57 CAPITAL MARKETS

CORPORATION6\$581,975.006.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable79\$7,799,493 CAPITAL MARKETS

CORPORATION5\$493,280.004.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable84\$9,425,631 CAPITAL MARKETS

CORPORATION7\$953,814.104.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable139\$19,231,0 CAPITAL MARKETS

CORPORATION7\$1,133,814.005.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable120\$19,540 CAPITAL MARKETS

CORPORATION5\$1,163,206.005.01%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

CORPORATION5\$643,470.005.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable87\$11,450,37 CAPITAL MARKETS

CORPORATION2\$663,948.791.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable143\$43,179,6 CAPITAL MARKETS

CORPORATION1\$99,850.005.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$1,744,824. CAPITAL MARKETS

CORPORATION3\$371,193.319.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$3,472,459 CAPITAL MARKETS

CORPORATION1\$69,138.006.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$1,063,110.00NA0\$0.00

CORPORATION6\$573,922.4028.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,472,79 CAPITAL MARKETS

CORPORATION4\$651,252.138.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$7,059,763 CAPITAL MARKETS

CORPORATION6\$1,396,175.009.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$12,914, CAPITAL MARKETS

CORPORATION2\$470,650.007.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$5,967,917 CAPITAL MARKETS

CORPORATION3\$850,500.0025.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,461,75 CAPITAL MARKETS

CORPORATION10\$2,296,485.0043.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,003 CAPITAL MARKETS

CORPORATION5\$1,171,054.0021.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$4,344, CAPITAL MARKETS

CORPORATION1\$147,800.008.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,635,550 CAPITAL MARKETS

CORPORATION1\$154,500.004.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$3,472,515 CAPITAL MARKETS

CORPORATION2\$610,600.000.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable387\$123,333 CAPITAL MARKETS

CORPORATION14\$4,197,150.002.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable655\$203,9 CAPITAL MARKETS

CORPORATION2\$499,825.0013.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,152,11 CAPITAL MARKETS

CORPORATION1\$101,268.006.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,503,729.00 CAPITAL MARKETS

CORPORATION15\$2,791,713.2529.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$6,603 CAPITAL MARKETS

CORPORATION11\$2,193,165.4320.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$8,740 CAPITAL MARKETS

CORPORATION1\$156,250.0014.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$948,300.3 CAPITAL MARKETS

CORPORATION5\$1,118,058.4068.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$508,937 CAPITAL MARKETS

CORPORATION2\$165,000.003.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable59\$5,104,514 CAPITAL MARKETS

CORPORATION8\$483,179.3914.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$2,787,94 CAPITAL MARKETS

CORPORATION8\$727,956.717.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable95\$8,915,921 CAPITAL MARKETS

CORPORATION13\$2,367,721.002.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable378\$99,46 CAPITAL MARKETS

CORPORATION4\$1,573,637.001.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable454\$138,65 CAPITAL MARKETS

CORPORATION1\$479,000.000.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable115\$59,898,3 CAPITAL MARKETS

CORPORATION1\$71,785.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable137\$35,933,766 CAPITAL MARKETS

CORPORATION1\$254,700.002.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable39\$9,727,358

CAPITAL MARKETS

CORPORATION5\$1,619,790.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable581\$163,47 CAPITAL MARKETS

CORPORATION14\$2,841,962.273.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable307\$79,04 CAPITAL MARKETS

CORPORATION2\$610,038.075.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$11,161,99 CAPITAL MARKETS

CORPORATION4\$590,345.1819.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$2,410,54

CORPORATION5\$1,512,201.001.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable417\$128,21 CAPITAL MARKETS

CORPORATION5\$1,353,000.006.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$18,197, CAPITAL MARKETS

CORPORATION4\$951,300.007.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$11,606,24 CAPITAL MARKETS

CORPORATION3\$992,000.000.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable306\$100,541 CAPITAL MARKETS

CORPORATION14\$3,749,788.003.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable350\$110,0 CAPITAL MARKETS

CORPORATION4\$933,540.001.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable247\$73,721,0 CAPITAL MARKETS

CORPORATION2\$668,400.000.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable255\$83,345,95 CAPITAL MARKETS

CORPORATION6\$839,964.363.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable162\$22,520,39 CAPITAL MARKETS

CORPORATION9\$1,459,973.505.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable156\$25,595, CAPITAL MARKETS

CORPORATION1\$294,500.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable110\$33,500,2 CAPITAL MARKETS

CORPORATION4\$986,594.302.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable152\$43,633,5 CAPITAL MARKETS

CORPORATION1\$417,000.004.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$9,979,462 CAPITAL MARKETS

CORPORATION10\$2,717,779.4619.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$11,54 CAPITAL MARKETS

CORPORATION12\$1,154,325.009.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable118\$11,64

CORPORATION5\$584,575.005.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable80\$9,507,983

CORPORATION12\$2,298,903.4610.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable73\$20,13 CAPITAL MARKETS

CORPORATION9\$1,735,892.757.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable81\$21,231, WEST MORTGAGE COMPANY

INC6\$1,589,939.0725.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$4,615,082.4074.38% WEST MORTGAGE COMPANY

INC11\$3,250,172.0350.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$3,124,059.6449.01

BANK, NATIONAL ASSOCIATION8\$1,753,602.0371.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$696,118.

MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE COMPANY1\$159,200.001.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$9,971,100.0098 MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

- COMPANY1\$110,250.000.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$11,529,191.009 LOANS
- INC67\$17,645,312.2670.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$7,408,897.6029.5 LOANS
- INC83\$19,997,496.7867.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$9,627,480.0032.5% LOANS
- INC62\$15,949,023.4263.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$9,074,500.0036.2 LOANS
- INC81\$18,769,914.4162.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$11,316,625.0037. LOANS
- INC69\$17,687,325.0070.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$7,396,250.0029.4
- INC45\$12,314,400.0049.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$12,770,815.0050. LOANS
- INC30\$7,534,100.0037.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$12,503,878.0062.4% LOANS
- INC51\$13,402,300.0052.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$12,264,050.0047. OF AMERICA,
- N.A14\$3,811,357.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,811,357.21100%0\$0.00** OF AMERICA,
- N.A14\$3,445,357.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,445,357.85100%0\$0.00** OF AMERICA,
- N.A22\$5,021,933.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$5,021,933.69100%0\$0.00** OF AMERICA,
- N.A30\$6,219,572.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 30\$6,219,572.65100%0\$0.00** OF AMERICA,
- N.A27\$3,205,232.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$3,205,232.83100%0\$0.00** OF AMERICA,
- N.A100\$20,086,166.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 100\$20,086,166.62100%0\$** OF AMERICA,
- N.A114\$25,382,429.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 114\$25,382,429.67100%0\$** OF AMERICA,
- N.A11\$1,775,526.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$1,775,526.54100%0\$0.00** OF AMERICA,
- N.A23\$2,296,495.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$2,296,495.07100%0\$0.00** OF AMERICA,
- N.A27\$3,718,951.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$3,718,951.21100%0\$0.00** OF AMERICA,
- N.A49\$3,386,041.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$3,386,041.85100%0\$0.00** OF AMERICA.
- N.A87\$6,037,365.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 87\$6,037,365.25100%0\$0.00** OF AMERICA,
- N.A7\$2,271,365.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$2,271,365.46100%0\$0.00 0\$** OF AMERICA,
- N.A29\$5,709,262.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$5,709,262.40100%0\$0.00** OF AMERICA,
- N.A38\$7,169,480.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 38\$7,169,480.71100%0\$0.00** OF AMERICA,
- N.A44\$4,321,068.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 44\$4,321,068.19100%0\$0.00** OF AMERICA,
- N.A76\$19,563,974.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 76\$19,563,974.15100%0\$0.

- OF AMERICA,
- N.A29\$8,330,324.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$8,330,324.44100%0\$0.00** OF AMERICA,
- N.A78\$22,139,317.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 78\$22,139,317.37100%0\$0.** OF AMERICA,
- N.A18\$3,650,723.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$3,650,723.56100%0\$0.00** OF AMERICA,
- N.A14\$3,568,173.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,568,173.68100%0\$0.00** OF AMERICA,
- N.A33\$7,276,351.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 33\$7,276,351.16100%0\$0.00** OF AMERICA,
- N.A73\$10,023,680.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 73\$10,023,680.82100%0\$0.**OF AMERICA,
- N.A50\$10,015,616.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 50\$10,015,616.09100%0\$0.**OF AMERICA,
- N.A96\$30,084,823.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 96\$30,084,823.74100%0\$0.** OF AMERICA,
- N.A76\$15,052,443.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 76\$15,052,443.91100%0\$0.** OF AMERICA,
- N.A13\$2,866,847.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$2,866,847.23100%0\$0.00** OF AMERICA,
- N.A31\$1,921,392.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$1,921,392.85100%0\$0.00** OF AMERICA,
- N.A54\$3,423,763.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 54\$3,423,763.12100%0\$0.00** OF AMERICA,
- N.A27\$4,756,144.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$4,756,144.58100%0\$0.00** OF AMERICA,
- N.A44\$10,564,121.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 44\$10,564,121.42100%0\$0.** OF AMERICA,
- N.A9\$1,546,827.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,546,827.70100%0\$0.00 0\$** OF AMERICA,
- N.A19\$4,122,927.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$4,122,927.25100%0\$0.00** OF AMERICA,
- N.A37\$2,484,738.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$2,484,738.32100%0\$0.00** OF AMERICA,
- N.A12\$2,313,034.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$2,313,034.32100%0\$0.00** OF AMERICA,
- N.A41\$8,844,785.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 41\$8,844,785.59100%0\$0.00** OF AMERICA,
- N.A36\$3,571,533.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$3,571,533.02100%0\$0.00** OF AMERICA,
- N.A16\$2,071,122.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$2,071,122.42100%0\$0.00** OF AMERICA,
- N.A12\$1,968,986.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,968,986.41100%0\$0.00** OF AMERICA,
- N.A7\$1,702,226.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,702,226.24100%0\$0.00 0\$** OF AMERICA,
- N.A135\$25,234,351.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 135\$25,234,351.98100%0\$**OF AMERICA,
- N.A446\$100,155,519.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 446\$100,155,519.73100**% OF AMERICA,

- N.A205\$35,104,784.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 205\$35,104,784.94100%0\$** OF AMERICA,
- N.A108\$25,231,833.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 108\$25,231,833.43100%0\$** OF AMERICA,
- N.A374\$75,239,980.78100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 374\$75,239,980.78100%0\$** OF AMERICA,
- N.A54\$20,112,555.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 54\$20,112,555.51100%0\$0.**OF AMERICA,
- N.A177\$35,294,945.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 177\$35,294,945.91100%0\$** OF AMERICA,
- N.A92\$20,157,049.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 92\$20,157,049.22100%0\$0.** OF AMERICA,
- N.A23\$5,045,245.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$5,045,245.99100%0\$0.00** OF AMERICA,
- N.A16\$5,124,207.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$5,124,207.73100%0\$0.00** OF AMERICA,
- N.A453\$100,385,101.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 453\$100,385,101.77100**% OF AMERICA,
- N.A46\$10,041,336.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$10,041,336.85100%0\$0.**OF AMERICA,
- N.A16\$3,379,134.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$3,379,134.63100%0\$0.00** OF AMERICA,
- N.A5\$1,166,085.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,166,085.06100%0\$0.00 0\$** OF AMERICA,
- N.A62\$15,050,444.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 62\$15,050,444.05100%0\$0.** OF AMERICA,
- N.A47\$9,973,778.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 47\$9,973,778.81100%0\$0.00** OF AMERICA,
- N.A17\$1,600,536.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$1,600,536.65100%0\$0.00** OF AMERICA,
- N.A66\$20,167,908.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 66\$20,167,908.69100%0\$0.**OF AMERICA,
- N.A81\$8,024,633.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 81\$8,024,633.69100%0\$0.00** OF AMERICA,
- N.A36\$3,487,844.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$3,487,844.38100%0\$0.00** OF AMERICA,
- N.A15\$2,821,384.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$2,821,384.04100%0\$0.00** OF AMERICA,
- N.A45\$4,357,903.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 45\$4,357,903.81100%0\$0.00** OF AMERICA,
- N.A23\$2,723,056.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$2,723,056.35100%0\$0.00** OF AMERICA,
- N.A7\$1,347,085.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,347,085.10100%0\$0.00 0\$** OF AMERICA,
- N.A23\$2,657,683.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$2,657,683.38100%0\$0.00** OF AMERICA,
- N.A40\$9,845,322.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 40\$9,845,322.94100%0\$0.00** OF AMERICA,
- N.A23\$3,715,056.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$3,715,056.17100%0\$0.00** OF AMERICA,
- N.A25\$6,276,572.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 25\$6,276,572.35100%0\$0.00

- OF AMERICA,
- N.A27\$4,341,794.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$4,341,794.24100%0\$0.00** OF AMERICA,
- N.A16\$3,405,775.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$3,405,775.44100%0\$0.00** OF AMERICA,
- N.A14\$1,946,494.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$1,946,494.88100%0\$0.00** OF AMERICA,
- N.A43\$7,293,999.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 43\$7,293,999.43100%0\$0.00** OF AMERICA,
- N.A20\$2,750,536.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$2,750,536.03100%0\$0.00** OF AMERICA,
- N.A16\$2,397,603.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$2,397,603.13100%0\$0.00** OF AMERICA,
- N.A14\$3,619,636.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,619,636.83100%0\$0.00** OF AMERICA,
- N.A23\$4,278,845.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$4,278,845.88100%0\$0.00** OF AMERICA.
- N.A6\$1,420,427.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,420,427.38100%0\$0.00 0\$** OF AMERICA,
- N.A14\$2,720,476.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$2,720,476.79100%0\$0.00** OF AMERICA,
- N.A32\$6,082,087.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$6,082,087.62100%0\$0.00** OF AMERICA,
- N.A29\$3,815,909.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$3,815,909.37100%0\$0.00** OF AMERICA,
- N.A31\$5,006,674.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$5,006,674.84100%0\$0.00** OF AMERICA,
- N.A47\$10,017,832.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 47\$10,017,832.90100%0\$0.** OF AMERICA,
- N.A22\$5,033,595.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$5,033,595.32100%0\$0.00** OF AMERICA,
- N.A25\$4,009,541.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$4,009,541.15100%0\$0.00** OF AMERICA,
- N.A20\$5,043,821.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$5,043,821.08100%0\$0.00** OF AMERICA,
- N.A101\$25,141,787.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 101\$25,141,787.35100%0\$** OF AMERICA,
- N.A111\$25,010,423.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 111\$25,010,423.36100%0\$** OF AMERICA,
- N.A111\$25,134,923.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 111\$25,134,923.36100%0\$** OF AMERICA,
- N.A66\$15,021,801.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 66\$15,021,801.02100%0\$0.**OF AMERICA,
- N.A66\$15,032,704.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 66\$15,032,704.77100%0\$0.** OF AMERICA,
- N.A51\$5,006,088.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 51\$5,006,088.02100%0\$0.00** OF AMERICA,
- N.A11\$2,606,902.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,606,902.06100%0\$0.00** OF AMERICA,
- N.A36\$5,001,026.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$5,001,026.31100%0\$0.00** OF AMERICA,

N.A41\$10,011,585.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 41\$10,011,585.49100%0\$0.** OF AMERICA,

N.A68\$8,008,121.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 68\$8,008,121.07100%0\$0.00** OF AMERICA,

N.A44\$10,004,348.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 44\$10,004,348.43100%0\$0.** MORTGAGE

COMPANY11\$906,229.8482.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$198,583.7717 MORTGAGE

COMPANY13\$854,118.5185.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$149,504.7314.9 MORTGAGE

COMPANY7\$883,886.3175.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$283,892.5024.3 CHASE BANK, NATIONAL

ASSOCIATION34\$3,256,206.1591.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$289,847 CHASE BANK, NATIONAL

ASSOCIATION26\$1,993,063.9890.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$217,488 CHASE BANK, NATIONAL

ASSOCIATION42\$2,860,296.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$2,860,296.441** CHASE BANK, NATIONAL

ASSOCIATION4\$1,411,394.9778.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$386,089. CHASE BANK, NATIONAL

ASSOCIATION16\$4,090,736.4793.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$298,155 CHASE BANK, NATIONAL

ASSOCIATION24\$5,236,745.6275.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,734,9 CHASE BANK, NATIONAL

ASSOCIATION66\$17,010,370.9491.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,538, CHASE BANK, NATIONAL

ASSOCIATION10\$2,507,144.1184.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$476,967 CHASE BANK, NATIONAL

ASSOCIATION26\$2,514,217.5680.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$609,292 CHASE BANK, NATIONAL

ASSOCIATION54\$6,984,201.3793.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$492,536 CHASE BANK, NATIONAL

ASSOCIATION37\$6,024,652.5790.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$645,318 CHASE BANK, NATIONAL

ASSOCIATION18\$4,918,447.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$4,918,447.541** CHASE BANK, NATIONAL

ASSOCIATION11\$2,690,911.97100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$2,690,911.971** CHASE BANK, NATIONAL

ASSOCIATION12\$2,855,177.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$2,855,177.281** CHASE BANK, NATIONAL

ASSOCIATION29\$2,897,883.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 29\$2,897,883.441** CHASE BANK, NATIONAL

ASSOCIATION48\$6,141,072.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 48\$6,141,072.011** CHASE BANK, NATIONAL

ASSOCIATION25\$3,988,192.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$3,988,192.311** CHASE BANK, NATIONAL

ASSOCIATION51\$8,259,901.2788.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,111,2 CHASE BANK, NATIONAL

ASSOCIATION13\$2,139,954.3087.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$319,554

CHASE BANK, NATIONAL ASSOCIATION60\$5,754,102.6680.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,435,

CHASE BANK, NATIONAL

ASSOCIATION102\$16,531,252.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 102\$16,531,25**. CHASE BANK, NATIONAL

ASSOCIATION277\$26,974,108.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 277\$26,974,10**0 CHASE BANK, NATIONAL

ASSOCIATION235\$16,779,618.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 235\$16,779,61**8CHASE BANK, NATIONAL

ASSOCIATION41\$10,096,231.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 41\$10,096,231.5** CHASE BANK, NATIONAL

ASSOCIATION8\$2,530,645.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$2,530,645.26100** CHASE BANK, NATIONAL

ASSOCIATION358\$46,137,728.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 358\$46,137,72**0 CHASE BANK, NATIONAL

ASSOCIATION137\$28,929,988.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 137\$28,929,98** CHASE BANK, NATIONAL

ASSOCIATION11\$1,377,153.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$1,377,153.991** CHASE BANK, NATIONAL

ASSOCIATION13\$2,967,371.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$2,967,371.691** CHASE BANK, NATIONAL

ASSOCIATION102\$13,054,596.0580.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$3,10 CHASE BANK, NATIONAL

ASSOCIATION10\$1,345,319.1382.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$292,287 CHASE BANK, NATIONAL

ASSOCIATION7\$963,891.1389.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$113,328.69 CHASE BANK, NATIONAL

ASSOCIATION5\$938,196.3149.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$972,106.36 CHASE BANK, NATIONAL

ASSOCIATION81\$13,061,351.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 81\$13,061,351.**49CHASE BANK, NATIONAL

ASSOCIATION29\$2,847,500.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 29\$2,847,500.981** CHASE BANK, NATIONAL

ASSOCIATION26\$2,434,046.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 26\$2,434,046.631** CHASE BANK, NATIONAL

ASSOCIATION41\$2,901,391.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 41\$2,901,391.601** CHASE BANK, NATIONAL

ASSOCIATION85\$10,918,770.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 85\$10,918,770.9** CHASE BANK, NATIONAL

ASSOCIATION15\$1,896,840.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$1,896,840.991** CHASE BANK, NATIONAL

ASSOCIATION22\$5,883,630.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$5,883,630.461** CHASE BANK, NATIONAL

ASSOCIATION7\$2,320,879.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$2,320,879.8310**0 CHASE BANK, NATIONAL

ASSOCIATION17\$3,295,365.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 17\$3,295,365.091** CHASE BANK, NATIONAL

ASSOCIATION5\$1,310,955.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,310,955.5010**0 CHASE BANK, NATIONAL

ASSOCIATION7\$1,751,401.0043.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,300,88

CHASE BANK, NATIONAL ASSOCIATION85\$13,688,316.0073.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$5,050 CHASE BANK, NATIONAL

ASSOCIATION85\$22,940,623.3484.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,082 CHASE BANK, NATIONAL

ASSOCIATION214\$20,833,973.4585.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$3,56 CHASE BANK, NATIONAL

ASSOCIATION2\$602,000.0040.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$893,650.02 CHASE BANK, NATIONAL

ASSOCIATION271\$18,987,857.4983.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$3,73 CHASE BANK, NATIONAL

ASSOCIATION33\$7,538,143.2849.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$7,751,4 CHASE BANK, NATIONAL

ASSOCIATION11\$3,362,145.1544.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,218, CHASE BANK, NATIONAL

ASSOCIATION18\$2,317,313.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$2,317,313.101** CHASE BANK, NATIONAL

ASSOCIATION9\$814,312.9753.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$721,167.73 CHASE BANK, NATIONAL

ASSOCIATION11\$1,619,458.9954.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,355,3 CHASE BANK, NATIONAL

ASSOCIATION16\$3,349,989.4261.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,136,2 CHASE BANK, NATIONAL

ASSOCIATION17\$1,076,486.1389.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$125,384 CHASE BANK, NATIONAL

ASSOCIATION11\$1,098,015.3269.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$485,175 CHASE BANK, NATIONAL

ASSOCIATION11\$1,421,043.6477.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$413,034 CHASE BANK, NATIONAL

ASSOCIATION3\$694,951.7959.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$474,615.15 CHASE BANK, NATIONAL

ASSOCIATION16\$2,313,405.6378.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$636,105 CHASE BANK, NATIONAL

ASSOCIATION104\$20,690,858.66100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 104\$20,690,85**6 CHASE BANK, NATIONAL

ASSOCIATION114\$21,303,955.7295.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,045 CHASE BANK, NATIONAL

ASSOCIATION115\$25,130,151.64100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 115\$25,130,15** CHASE BANK, NATIONAL

ASSOCIATION40\$9,011,967.8697.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$207,326 CHASE BANK, NATIONAL

ASSOCIATION122\$22,975,308.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 122\$22,975,30**8 CHASE BANK, NATIONAL

ASSOCIATION321\$41,550,542.2483.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable65\$8,46 CHASE BANK, NATIONAL

ASSOCIATION61\$16,404,743.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 61\$16,404,743.**46CHASE BANK, NATIONAL

ASSOCIATION17\$2,779,848.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 17\$2,779,848.351** CHASE BANK, NATIONAL

ASSOCIATION11\$2,488,186.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$2,488,186.911** CHASE BANK, NATIONAL

ASSOCIATION8\$2,054,552.0026.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$5,707,3 CHASE BANK, NATIONAL

ASSOCIATION12\$4,218,149.2723.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$13,745

CHASE BANK, NATIONAL

ASSOCIATION194\$48,847,508.7759.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable105\$32 CHASE BANK, NATIONAL

ASSOCIATION189\$52,819,854.2052.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable139\$48 CHASE BANK, NATIONAL

ASSOCIATION6\$1,073,080.5649.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,094,41 CHASE BANK, NATIONAL

ASSOCIATION323\$79,322,310.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 323\$79,322,31**0CHASE BANK, NATIONAL

ASSOCIATION53\$13,206,971.6569.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$5,721 CHASE BANK, NATIONAL

ASSOCIATION12\$3,441,673.9657.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,558,7 CHASE BANK, NATIONAL

ASSOCIATION32\$6,780,503.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 32\$6,780,503.841** CHASE BANK, NATIONAL

ASSOCIATION1\$291,061.5620.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,112,915. CHASE BANK, NATIONAL

ASSOCIATION4\$1,038,015.7561.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$663,445. CHASE BANK, NATIONAL

ASSOCIATION2\$403,430.7737.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$672,913.98 CHASE BANK, NATIONAL

ASSOCIATION20\$3,150,597.8054.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$2,657, CHASE BANK, NATIONAL

ASSOCIATION19\$1,362,511.7884.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$247,413 CHASE BANK, NATIONAL

ASSOCIATION7\$847,869.7781.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$186,584.24BANK

N.A39\$5,451,177.1030.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable89\$12,182,638.8569.0

N.A25\$2,937,438.7033.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable49\$5,778,477.0766.3%0

N.A49\$4,765,958.7838.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable76\$7,613,054.9261.5%0

N.A7\$1,696,403.9614.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$10,076,955.3385.59 BANK

N.A22\$3,573,602.0129.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$8,730,928.4470.96

N.A16\$2,213,313.6121.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$7,942,810.6478.21

N.A14\$1,612,631.1422.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable47\$5,483,791.8877.28 BANK

N.A27\$2,677,739.4326.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable76\$7,371,809.6773.35 CHASE BANK, NATIONAL

ASSOCIATION8\$899,270.9957.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$651,643.54 CHASE BANK, NATIONAL

ASSOCIATION5\$693,195.1162.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$410,011.64 CHASE BANK, NATIONAL

ASSOCIATION4\$625,002.6956.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$488,606.46 CHASE BANK, NATIONAL

ASSOCIATION12\$2,635,309.0668.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,228,2 CHASE BANK, NATIONAL

ASSOCIATION5\$1,029,141.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,029,141.35100** CHASE BANK, NATIONAL

ASSOCIATION8\$2,197,381.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$2,197,381.75100** CHASE BANK, NATIONAL

ASSOCIATION141\$27,941,197.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 141\$27,941,19** CHASE BANK, NATIONAL

ASSOCIATION244\$55,285,096.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 244\$55,285,09**6 CHASE BANK, NATIONAL

ASSOCIATION510\$124,264,219.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 510\$124,264,** CHASE BANK, NATIONAL

ASSOCIATION687\$98,291,283.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 687\$98,291,28**. CHASE BANK, NATIONAL

ASSOCIATION692\$153,822,378.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 692\$153,822,** CHASE BANK, NATIONAL

ASSOCIATION762\$154,858,590.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 762\$154,858,** CHASE BANK, NATIONAL

ASSOCIATION456\$103,891,825.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 456\$103,891**,825.15100%0\$0.00NA0\$0.00N

ASSOCIATION95\$25,541,443.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 95\$25,541,443.**38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION116\$23,020,548.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 116\$23,020,54**8

N.A37\$9,975,379.3712.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable280\$68,610,975.4187.

N.A30\$2,022,274.0133.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$3,982,946.3966.32 BANK

N.A39\$2,205,972.6621.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable123\$8,231,279.3278.8 BANK

N.A5\$735,992.9014.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$4,209,555.3985.12%0BANK

N.A150\$41,962,507.2420.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable545\$159,518,276.73

N.A32\$5,241,826.3223.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable103\$16,823,137.8276.

BANK6\$1,839,485.4454.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,553,331.3645.78 TAYLOR

BANK1\$224,682.988.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,513,789.0991.8%0\$ TAYLOR

BANK10\$945,141.2938.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$1,481,599.7061.00

BANK6\$788,182.8928.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,952,301.9271.24

BANK1\$168,494.7510.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,489,552.0189.84% TAYLOR

BANK3\$603,691.1611.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$4,813,816.1488.86

N.A17\$3,423,455.008.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable135\$34,936,305.0191.0

N.A91\$24,332,909.2722.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable276\$81,615,619.4077

N.A19\$3,094,509.0834.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$5,809,791.3865.25

BANK

N.A9\$1,297,850.0023.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable30\$4,164,110.2576.24%

N.A9\$1,049,652.3325.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$3,027,568.8774.26% BANK

N.A24\$2,323,009.8433.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable47\$4,642,031.1866.65

N.A20\$1,239,145.0033.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$2,408,391.8566.03

N.A10\$2,459,887.7811.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$19,379,397.1988.7 BANK

N.A7\$1,830,542.3915.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable36\$9,854,674.7684.33% BANK

N.A3\$710,485.588.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$7,684,462.5491.54%0\$ BANK

N.A10\$2,761,436.0427.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$7,167,932.1572.19 BANK

N.A6\$1,519,195.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,519,195.51100%0\$0.00 0\$** BANK,

N.A11\$1,794,017.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$1,794,017.06100%0\$0.00** BANK27\$1,679,944.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 27\$1,679,944.92100**%**0\$0.**

BANK20\$1,998,400.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 20\$1,998,400.00100 %0\$0.00NA

BANK16\$1,999,800.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,999,800.81100%0\$0.** TAYLOR

BANK4\$456,798.5121.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$1,650,875.4678.33

BANK9\$1,237,205.7421.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$4,518,235.2878.5% TAYLOR

BANK6\$972,230.8115.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$5,344,459.1984.61 TAYLOR

BANK4\$292,005.6319.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$1,219,799.3180.680 TAYLOR

BANK1\$130,000.0010.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,085,650.0089.31%

BANK2\$472,050.0033.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$938,500.0066.53%0 TAYLOR

BANK11\$828,260.0033.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$1,680,349.9566.98 BANK23\$2,167,803.4664.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,203,646.9735.7

BANK10\$2,668,301.0090.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$285,000.009.65% BANK21\$5,442,644.8880.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,338,800.0019.7

BANK3\$995,930.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **3\$995,930.00100**%**0\$0.00 0\$**0

BANK4\$876,773.0648.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$926,629.5751.38%0 TAYLOR

BANK5\$1,246,338.8211.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$9,348,989.3588.2 TAYLOR

BANK5\$1,151,196.8264.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$642,500.0035.82% TAYLOR

BANK6\$1,602,666.8726.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,457,771.8273.5

BANK3\$304,127.9018.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,307,570.2681.13

TAYLOR

BANK4\$308,963.8120.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$1,170,728.1779.127 TAYLOR

BANK9\$1,209,327.6435.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$2,236,775.5764.9

BANK3\$485,303.1623.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,598,585.2076.71

BANK3\$871,466.3257.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$644,236.4742.5%0\$0

BANK6\$421,039.7035.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$754,544.2364.18%0 TAYLOR

BANK26\$8,071,400.0017.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable129\$38,936,973.000 TAYLOR

BANK3\$349,000.0021.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,252,050.0078.2%0 TAYLOR

BANK1\$145,000.0012.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,000,800.0087.35% TAYLOR

BANK1\$175,000.0011.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,311,100.0088.22%

BANK5\$1,359,500.0017.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$6,516,169.0082.7

BANK3\$947,250.0016.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$4,941,750.0083.91

BANK8\$737,000.0015.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable45\$3,904,240.0084.12

BANK3\$361,500.0013.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$2,358,910.0086.71 TAYLOR

BANK5\$709,600.0024.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$2,236,743.7075.92

BANK4\$687,900.0019.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$2,784,505.0080.19

BANK1\$253,000.009.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,351,100.0090.28%0 TAYLOR

BANK2\$495,500.0023.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,642,000.0076.82% PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING12\$3,154,109.0056.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,421,926.

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING10\$2,327,997.0088.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$294,100.00 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING10\$1,996,631.0065.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,065,500.00

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE SERVICING12\$3,075,450.0089.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$344,300.00

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING12\$2,835,090.0089.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$318,700.00 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING15\$4,142,955.0050.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$4,094,887 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING9\$2,738,453.0052.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,495,850.00 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING6\$1,336,497.2648.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,437,885.1 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING27\$5,630,676.0077.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,662,400.0 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING9\$1,274,050.0076.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$397,500.002

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,132,184.0086.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAU\$0.00N

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING6\$1,441,870.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,441,870.00100**%

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING9\$1,955,400.0077.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$577,900.002

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING4\$1,259,600.0090.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$131,410.399

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING8\$1,978,053.0066.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$986,200.003

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING 20\$5,573,019.1258.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAU\$0.0

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING 15\$4,395,911.0059.92%0\$0.00NA0%0.00NA0%0.0

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,516,700.0069.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$662,500.0030

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING 37\$8, 598, 372.0080.34%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING 20\$5,096,344.0066.85%0\$0.00NA0%0.00NA0%0.0

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING10\$875,401.9782.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$192,000.001

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,707,848.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,707,848.00100**%0

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING4\$830,345.0076.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$259,000.0023

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,834,815.0060.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,220,000.00

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING9\$833,315.5081.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$191,500.0018

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING8\$1,552,320.0062.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$916,000.003

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING16\$1,196,720.3468.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$546,404.43

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING8\$941,876.0053.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$814,850.0046

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING9\$1,223,800.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,223,800.00100**%

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING6\$976,100.0059.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$661,260.0040

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING4\$1,203,600.0080.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$287,185.001

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING34\$8,331,891.0089.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$941,700.00

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING10\$2,580,857.0049.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,670,045.00

PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING3\$627,542.0035.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,122,500.006 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING5\$1,448,175.0088.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$197,000.001 BANK.

N.A119\$15,620,871.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 119\$15,620,871.08100%0\$** BANK.

N.A112\$14,332,755.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 112\$14,332,755.25100%0\$** BANK.

N.A111\$10,845,819.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 111\$10,845,819.99100%0\$** BANK.

N.A97\$22,190,228.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 97\$22,190,228.54100%0\$0.**BANK.

N.A55\$5,424,867.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 55\$5,424,867.62100%0\$0.00** BANK.

N.A39\$2,073,382.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 39\$2,073,382.08100%0\$0.00** BANK.

N.A37\$2,457,156.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$2,457,156.74100%0\$0.00** BANK.

 $N.A36\$8,344,279.01100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}\ \ \textbf{36\$8,344,279.01100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}\ \ \textbf{36\$8,344,279.01100\%0\$0.00NA0\$0.$

UNION8\$721,485.3132.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$1,498,117.8667.49 BANK.

N.A151\$33,934,051.64100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 151\$33,934,051.64100%0\$** BANK.

N.A128\$8,193,633.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 128\$8,193,633.47100%0\$0.** LOANS

INC8\$1,307,175.0089.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$158,660.0010.82%0\$

INC11\$1,741,925.0091.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$154,955.008.17%0\$

INC19\$4,930,834.4390.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$518,500.009.51%0\$

INC15\$1,106,975.0094.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$68,000.005.79%0\$0 LOANS

INC14\$1,914,825.0087.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$275,500.0012.58%0

INC21\$1,982,850.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$1,982,850.00100%0\$0.00**

INC20\$1,356,500.0096.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$55,300.003.92%0\$0

INC13\$1,286,300.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 13\$1,286,300.00100%0\$0.00

N.A29\$4,690,165.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$4,690,165.14100%0\$0.00**

N.A23\$7,419,998.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$7,419,998.37100%0\$0.00**

N.A21\$4,786,542.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 21\$4,786,542.04100%0\$0.00**

N.A13\$3,102,791.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$3,102,791.53100%0\$0.00** BANK,

- N.A12\$1,149,830.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,149,830.55100%0\$0.00** BANK,
- N.A8\$1,901,039.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,901,039.10100%0\$0.00 0\$** BANK.
- N.A8\$1,054,433.89100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,054,433.89100%0\$0.00 0\$** BANK.
- N.A5\$1,404,954.39100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,404,954.39100%0\$0.00 0\$** BANK.
- N.A4\$1,335,779.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,335,779.62100%0\$0.00 0\$** LOANS
- INC14\$1,388,557.34100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$1,388,557.34100%0\$0.00**
- INC8\$1,579,825.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,579,825.00100%0\$0.00 0**\$ LOANS
- INC18\$1,353,543.0090.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$136,158.559.14%0\$
- INC7\$1,164,400.0069.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$512,000.0030.54%0\$ LOANS
- INC7\$838,350.0078.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$227,500.0021.34%0\$0.
- INC5\$1,194,850.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,194,850.00100%0\$0.00 0\$** LOANS
- INC30\$8,171,200.0080.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,030,830.3719.91% LOANS
- INC10\$1,360,100.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,360,100.00100%0\$0.00** LOANS
- INC8\$1,975,175.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,975,175.00100%0\$0.00 0\$** LOANS
- INC21\$1,507,025.0090.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$149,250.009.01%0\$ LOANS
- INC11\$1,077,550.0091.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$95,000.008.1%0\$0.00 LOANS
- INC8\$1,262,350.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,262,350.00100%0\$0.00 0\$** LOANS
- INC5\$1,045,750.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,045,750.00100%0\$0.00 0\$** LOANS
- INC39\$10,954,500.0084.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,938,793.9215.04 LOANS
- INC13\$1,789,150.0055.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,420,303.3944.25
- INC35\$3,461,075.0082.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$711,274.2517.05%0 LOANS
- INC9\$1,067,100.0063.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$603,792.1436.14%0\$ LOANS
- INC18\$1,423,225.0075.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$470,870.0024.86%0 LOANS
- INC11\$1,460,250.0072.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$547,643.0027.27%0
- INC8\$1,582,500.0091.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$156,322.028.99%0\$0 LOANS
- INC27\$6,328,450.0096.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$216,800.003.31%0\$

LOANS

INC5\$1,033,800.0056.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$798,100.0043.57%0\$ LOANS

INC16\$1,558,914.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,558,914.48100%0\$0.00**

INC78\$22,367,142.6962.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable42\$13,312,582.8637.

INC7\$826,750.0057.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$605,643.4742.28%0\$0.

INC5\$1,049,440.0071.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$417,165.0028.44%0\$ LOANS

INC6\$1,352,150.0075.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$441,550.0024.62%0\$

INC4\$927,475.0044.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,179,885.0055.99%0\$ LOANS

INC3\$845,700.0040.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,262,800.0059.89%0\$ LOANS

INC72\$19,441,841.6394.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,120,204.005.45% LOANS

INC32\$4,373,706.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$4,373,706.16100%0\$0.00**

INC22\$2,158,660.7195.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$93,600.004.16%0\$0

INC10\$1,157,150.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,157,150.00100%0\$0.00** LOANS

INC31\$2,231,438.6897.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$62,953.002.74%0\$0 LOANS

INC30\$7,027,175.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 30\$7,027,175.00100%0\$0.00** LOANS

INC49\$9,396,275.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$9,396,275.00100%0\$0.00**

INC33\$6,567,975.0097.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$138,200.002.06%0\$

INC73\$15,225,875.0096.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$578,750.003.66%0 LOANS

INC16\$4,271,950.0095.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$184,000.004.13%0\$

INC8\$2,154,100.0070.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$897,624.6929.41%0\$

INC13\$1,686,000.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal 13\$1,686,000.20100%0\$0.00

INC12\$1,179,225.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,179,225.00100%0\$0.00** LOANS

INC33\$2,144,286.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 33\$2,144,286.19100%0\$0.00**

INC24\$4,326,125.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$4,326,125.00100%0\$0.00**

INC71\$12,225,075.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total** 71**\$12,225,075.00100%0\$0.**

INC73\$19,886,825.0093.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,302,000.006.14% FARGO BANK,

N.A93\$6,719,365.2948.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable105\$7,252,646.6151.9 FARGO BANK,

N.A181\$17,715,243.9856.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable137\$13,735,184.934 FARGO BANK,

N.A401\$53,086,514.4954.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable334\$43,885,311.804 FARGO BANK,

N.A1,199\$317,696,424.4842.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,536\$427,359,6 FARGO BANK,

N.A23\$11,589,647.4365.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$6,099,000.0034.4 FARGO BANK,

N.A682\$43,389,530.3963.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable380\$25,251,427.163 FARGO BANK,

N.A631\$62,146,655.7061.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable389\$38,579,431.5438 FARGO BANK,

N.A1,034\$135,734,595.1057%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable780\$102,394,200.00 FARGO BANK,

N.A622\$101,153,291.1158.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable449\$73,055,747.09 FARGO BANK,

N.A1,895\$534,587,018.5553.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1,675\$468,257,7 FARGO BANK,

N.A432\$24,151,880.7976.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable124\$7,609,762.8223 FARGO BANK,

N.A39\$3,761,594.8662.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$2,227,741.3937.2%0 FARGO BANK,

N.A45\$5,689,711.9450.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$5,645,794.0049.81 FARGO BANK,

N.A20\$3,221,689.1568.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,479,984.4331.48% FARGO BANK,

N.A104\$21,751,008.2763.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable63\$12,361,795.9036 FARGO BANK,

N.A102\$5,304,981.2775.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$1,707,963.2224.3 FARGO BANK,

N.A9\$869,036.9360.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$570,894.8439.65%0\$0. FARGO BANK,

N.A15\$1,889,004.2471.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$735,737.9228.03%0 FARGO BANK,

N.A17\$2,168,504.2868.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,017,577.6131.94% FARGO BANK,

N.A157\$46,363,823.2692.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,663,357.507.3 FARGO BANK,

N.A229\$63,187,079.7690.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$6,998,476.909.9 FARGO BANK,

N.A159\$45,839,764.5591.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,264,830.298.5 FARGO BANK,

N.A77\$28,130,330.1091.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,589,971.198.43% FARGO BANK,

N.A99\$29,612,669.2898.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$423,214.981.41%0 FARGO BANK,

N.A69\$25,764,227.4487.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,601,300.0012.2 FARGO BANK,

N.A76\$25,150,292.1488.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,365,157.9311.8%

FARGO BANK,

N.A133\$39,214,548.4097.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$928,802.102.31% FARGO BANK,

N.A99\$29,309,382.6597.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$848,191.662.81%0 MORTGAGE

CORPORATION10\$1,094,708.0037.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,852 MORTGAGE

CORPORATION16\$3,818,746.0026.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable42\$10,80 MORTGAGE

CORPORATION5\$452,395.0024.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,391,69 MORTGAGE

CORPORATION1\$185,250.009.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,668,547. MORTGAGE

CORPORATION4\$646,564.0035.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,165,114BANK18\$4,024,151.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$4,024,151.00100**%**0\$0.**

BANK12\$1,568,211.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,568,211.00100%0\$0.** PLACE

BANK4\$873,008.7667.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$416,253.2632.29%0 PLACE

BANK6\$1,214,086.8066.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$616,200.0033.67% MORTGAGE,

LLC9\$796,192.4760.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$522,700.3439.63%0\$0 MORTGAGE,

LLC25\$7,630,019.0329.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable66\$18,362,517.1770.6 MORTGAGE,

LLC9\$2,199,984.7040.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$3,210,226.2559.349 MORTGAGE,

LLC7\$1,770,409.2030.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,046,727.9069.57% THIRD

BANK7\$1,176,288.3176.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$360,935.5923.48% THIRD

BANK267\$49,258,832.1165.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable91\$26,029,272.5 THIRD

BANK7\$1,323,105.1483.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$255,151.1316.17% THIRD

BANK38\$2,407,520.0286.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$360,248.9113.020 THIRD

BANK5\$822,500.0057.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$609,081.7542.55%0 MORTGAGE GROUP

LLC13\$1,156,439.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 13\$1,156,439.00100%0\$0.00** MORTGAGE GROUP

LLC18\$2,318,261.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$2,318,261.00100%0\$0.00** MORTGAGE GROUP

LLC10\$1,091,759.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$1,091,759.00100%0\$0.00** MORTGAGE GROUP

LLC15\$1,116,674.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$1,116,674.00100**%**0\$0.0**0 OF AMERICA,

N.A71\$5,018,321.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 71\$5,018,321.83100%0\$0.00** OF AMERICA,

N.A113\$25,118,732.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 113\$25,118,732.49100%0\$** OF AMERICA,

- N.A31\$3,029,424.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$3,029,424.60100%0\$0.00** OF AMERICA,
- N.A51\$5,008,599.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 51\$5,008,599.46100%0\$0.00** OF AMERICA,
- N.A220\$50,239,367.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 220\$50,239,367.16100%0\$** OF AMERICA,
- N.A37\$5,044,938.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$5,044,938.85100%0\$0.00** OF AMERICA,
- N.A47\$10,084,513.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 47\$10,084,513.70100%0\$0.** OF AMERICA,
- N.A17\$4,018,482.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$4,018,482.00100%0\$0.00** OF AMERICA,
- N.A77\$15,091,141.25100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 77\$15,091,141.25100%0\$0.** OF AMERICA,
- N.A28\$5,041,995.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 28\$5,041,995.83100%0\$0.00** OF AMERICA,
- N.A8\$1,503,570.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,503,570.00100%0\$0.00 0\$**OF AMERICA,
- N.A47\$10,030,083.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 47\$10,030,083.35100%0\$0.**OF AMERICA,
- N.A192\$48,421,790.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 192\$48,421,790.20100%0\$** OF AMERICA,
- N.A19\$3,882,760.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 19\$3,882,760.00100%0\$0.00** OF AMERICA,
- N.A20\$5,872,126.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$5,872,126.86100%0\$0.00** OF AMERICA,
- N.A23\$6,769,671.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$6,769,671.44100%0\$0.00** OF AMERICA,
- N.A23\$5,683,859.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$5,683,859.86100%0\$0.00** OF AMERICA,
- N.A29\$7,898,166.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$7,898,166.72100%0\$0.00** OF AMERICA,
- N.A11\$2,678,756.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 11\$2,678,756.74100%0\$0.00** OF AMERICA,
- N.A23\$7,031,071.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$7,031,071.81100%0\$0.00** OF AMERICA,
- N.A49\$10,042,985.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$10,042,985.77100%0\$0.**OF AMERICA,
- N.A64\$15,651,013.23100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 64\$15,651,013.23100%0\$0.**OF AMERICA,
- N.A59\$8,162,260.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 59\$8,162,260.11100%0\$0.00** OF AMERICA,
- N.A10\$2,386,652.75100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$2,386,652.75100%0\$0.00** OF AMERICA,
- N.A103\$25,027,425.18100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 103\$25,027,425.18100%0\$** OF AMERICA,
- N.A116\$30,872,565.96100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 116\$30,872,565.96100%0\$** OF AMERICA,
- N.A78\$21,851,306.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 78\$21,851,306.79100%0\$0.** OF AMERICA,
- N.A33\$7,461,993.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 33\$7,461,993.43100%0\$0.00**

- OF AMERICA,
- N.A28\$6,240,635.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 28\$6,240,635.00100%0\$0.00** OF AMERICA,
- N.A25\$4,012,661.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$4,012,661.00100%0\$0.00** OF AMERICA,
- N.A97\$20,008,893.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 97\$20,008,893.02100%0\$0.** OF AMERICA,
- N.A236\$50,213,953.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 236\$50,213,953.69100%0\$** OF AMERICA,
- N.A86\$20,085,228.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 86\$20,085,228.71100%0\$0.**OF AMERICA,
- N.A45\$10,075,088.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 45\$10,075,088.37100%0\$0.**OF AMERICA,
- N.A59\$11,572,125.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 59\$11,572,125.43100%0\$0.**OF AMERICA,
- N.A39\$7,298,533.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 39\$7,298,533.49100%0\$0.00** OF AMERICA.
- N.A69\$4,489,026.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 69\$4,489,026.74100%0\$0.00** OF AMERICA,
- N.A60\$10,658,952.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 60\$10,658,952.24100%0\$0.** OF AMERICA,
- N.A103\$6,745,095.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 103\$6,745,095.19100%0\$0.** OF AMERICA,
- N.A42\$2,487,404.95100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 42\$2,487,404.95100%0\$0.00** OF AMERICA.
- N.A28\$4,785,600.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 28\$4,785,600.00100%0\$0.00** OF AMERICA,
- N.A53\$5,196,345.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 53\$5,196,345.68100%0\$0.00** OF AMERICA,
- N.A72\$6,879,092.51100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 72\$6,879,092.51100%0\$0.00** OF AMERICA,
- N.A36\$5,525,135.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$5,525,135.81100%0\$0.00** OF AMERICA,
- N.A15\$1,455,702.40100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$1,455,702.40100%0\$0.00** OF AMERICA,
- N.A69\$16,373,117.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 69\$16,373,117.19100%0\$0.** OF AMERICA,
- N.A7\$1,837,610.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **7\$1,837,610.00100%0\$0.00 0\$** OF AMERICA,
- N.A29\$6,681,803.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$6,681,803.57100%0\$0.00** OF AMERICA,
- N.A4\$1,325,250.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,325,250.00100%0\$0.00 0\$** OF AMERICA,
- N.A36\$6,742,512.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$6,742,512.00100%0\$0.00** OF AMERICA,
- N.A23\$1,484,480.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$1,484,480.53100%0\$0.00** OF AMERICA,
- N.A62\$5,993,732.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 62\$5,993,732.00100%0\$0.00** OF AMERICA,
- N.A10\$3,224,556.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 10\$3,224,556.00100%0\$0.00** OF AMERICA,

- N.A47\$10,140,860.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 47\$10,140,860.90100%0\$0.** OF AMERICA,
- N.A29\$4,765,090.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 29\$4,765,090.00100%0\$0.00** OF AMERICA,
- N.A34\$7,681,927.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$7,681,927.33100%0\$0.00** OF AMERICA,
- N.A27\$5,357,786.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$5,357,786.00100%0\$0.00** OF AMERICA,
- N.A95\$21,268,608.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 95\$21,268,608.30100%0\$0.** OF AMERICA,
- N.A9\$2,415,965.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$2,415,965.46100%0\$0.00 0\$** OF AMERICA,
- N.A80\$5,535,924.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 80\$5,535,924.27100%0\$0.00** OF AMERICA,
- N.A45\$6,196,457.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 45\$6,196,457.00100%0\$0.00** OF AMERICA,
- N.A46\$6,228,685.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 46\$6,228,685.00100%0\$0.00** OF AMERICA,
- N.A14\$3,250,744.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$3,250,744.00100%0\$0.00** OF AMERICA,
- N.A36\$4,227,701.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$4,227,701.15100%0\$0.00** OF AMERICA,
- N.A30\$2,000,653.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 30\$2,000,653.54100%0\$0.00** OF AMERICA,
- N.A28\$2,759,648.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 28\$2,759,648.98100%0\$0.00** OF AMERICA,
- N.A45\$10,038,999.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 45\$10,038,999.01100%0\$0.** OF AMERICA,
- N.A26\$3,342,691.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 26\$3,342,691.00100%0\$0.00** OF AMERICA,
- N.A18\$4,068,356.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$4,068,356.00100%0\$0.00** OF AMERICA,
- N.A118\$26,622,492.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 118\$26,622,492.84100**%**0**\$ OF AMERICA,
- N.A24\$2,810,759.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$2,810,759.00100%0\$0.00** OF AMERICA,
- N.A37\$7,782,111.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$7,782,111.68100%0\$0.00** OF AMERICA,
- N.A26\$3,080,953.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 26\$3,080,953.43100%0\$0.00** OF AMERICA.
- N.A34\$5,533,608.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$5,533,608.00100%0\$0.00** OF AMERICA,
- N.A24\$3,884,240.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$3,884,240.83100%0\$0.00** OF AMERICA,
- N.A5\$1,204,317.77100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,204,317.77100%0\$0.00 0\$** OF AMERICA,
- N.A23\$4,949,144.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$4,949,144.00100%0\$0.00** OF AMERICA,
- N.A60\$9,459,160.66100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 60\$9,459,160.66100%0\$0.00** OF AMERICA,
- N.A23\$3,692,193.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 23\$3,692,193.70100%0\$0.00**

OF AMERICA,

N.A21\$4,168,435.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$4,168,435.84100%0\$0.00** OF AMERICA,

N.A78\$15,725,133.73100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 78\$15,725,133.73100%0\$0.** OF AMERICA,

N.A119\$25,070,918.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 119\$25,070,918.56100%0\$** OF AMERICA,

N.A33\$6,255,478.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 33\$6,255,478.00100%0\$0.00** OF AMERICA,

N.A34\$6,720,020.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$6,720,020.92100%0\$0.00** OF AMERICA,

N.A17\$2,335,069.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$2,335,069.00100%0\$0.00** OF AMERICA,

N.A45\$10,030,112.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 45\$10,030,112.28100%0\$0.**OF AMERICA,

N.A34\$3,963,162.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$3,963,162.50100%0\$0.00** OF AMERICA.

N.A236\$50,009,873.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 236\$50,009,873.85100**%**0\$** OF AMERICA,

N.A9\$1,455,907.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,455,907.15100%0\$0.00 0\$** OF AMERICA,

N.A71\$15,081,531.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 71\$15,081,531.43100%0\$0.** OF AMERICA,

N.A69\$14,598,830.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 69\$14,598,830.62100%0\$0.**OF AMERICA,

N.A25\$5,041,694.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$5,041,694.94100%0\$0.00** OF AMERICA,

N.A24\$5,070,667.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$5,070,667.84100%0\$0.00**BANK9\$1,058,332.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,058,332.17100%0\$0.00**AND TRADERS TRUST

COMPANY6\$1,668,261.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,668,261.44100%0** AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE31\$8,958,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 31\$8,958,200.0010**0 AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE10\$1,387,370.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,387,370.0010**0 AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE7\$1,688,950.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,688,950.00100**% THIRD

BANK18\$1,253,304.9584.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$224,192.5015.17

BANK39\$8,417,946.6448.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$8,970,133.9451 MORTGAGE

CORPORATION6\$619,400.0053.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$544,076.3 MORTGAGE

CORPORATION6\$1,304,175.8034.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,507, MORTGAGE

CORPORATION13\$3,515,728.0034.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$6,771 MORTGAGE

CORPORATION1\$191,000.005.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,318,873

BANK9\$830,675.3354.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$694,831.5745.55%0

THIRD

BANK16\$1,173,735.2679.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$301,930.5720.46

BANK13\$1,296,194.2781.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$296,024.4418.59

BANK8\$1,069,700.0060.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$705,150.3939.73% THIRD

BANK2\$357,698.7422.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,217,510.4077.29%

BANK12\$2,094,886.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$2,094,886.21100%0\$0.**THIRD

BANK6\$1,315,188.2138.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,120,936.5561.72

BANK7\$1,604,530.0024.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$4,823,867.2875.0 THIRD

BANK22\$5,956,302.0038.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$9,371,031.5761. THIRD

BANK15\$1,232,944.8981.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$277,416.0018.37

BANK6\$765,869.9550.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$747,718.2249.4%0\$0

BANK4\$592,396.3223.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,902,761.4176.26% THIRD

BANK3\$679,300.0028.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,668,100.0071.06% THIRD

BANK4\$776,350.0039.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,197,150.0060.66% THIRD

BANK3\$917,500.0038.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,471,057.0861.59% THIRD

BANK3\$506,500.0032.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,043,024.3467.31%

BANK1\$196,500.0012.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,360,750.0087.38% THIRD

BANK17\$961,003.5166.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$474,703.0333.06% CHASE BANK, NATIONAL

ASSOCIATION235\$57,222,037.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 235\$57,222,03**CHASE BANK, NATIONAL

ASSOCIATION2\$613,335.9744.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$762,905.07 CHASE BANK, NATIONAL

ASSOCIATION13\$2,460,714.0668.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,129,0 CHASE BANK, NATIONAL

ASSOCIATION21\$4,403,353.0545.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$5,247, CHASE BANK, NATIONAL

ASSOCIATION9\$2,158,950.2390.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$219,729. CHASE BANK, NATIONAL

ASSOCIATION332\$52,379,095.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 332\$52,379,09**. CHASE BANK, NATIONAL

ASSOCIATION171\$30,019,138.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 171\$30,019,13**. CHASE BANK, NATIONAL

ASSOCIATION53\$8,841,334.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 53\$8,841,334.461** CHASE BANK, NATIONAL

ASSOCIATION13\$2,674,844.7963.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,549,0 CHASE BANK, NATIONAL

ASSOCIATION16\$2,547,751.0869.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,139,48 CHASE BANK, NATIONAL

ASSOCIATION140\$13,625,262.9284.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$2,48 CHASE BANK, NATIONAL

ASSOCIATION249\$16,059,205.1387.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$2,36 CHASE BANK, NATIONAL

ASSOCIATION9\$1,602,112.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,602,112.00100** CHASE BANK, NATIONAL

ASSOCIATION101\$13,122,902.5479.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$3,302 CHASE BANK, NATIONAL

ASSOCIATION12\$1,923,098.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,923,098.981** CHASE BANK, NATIONAL

ASSOCIATION51\$10,693,476.89100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 51\$10,693,476.8** CHASE BANK, NATIONAL

ASSOCIATION83\$13,498,601.6986.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$2,118 CHASE BANK, NATIONAL

ASSOCIATION81\$8,021,212.8491.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$786,517 CHASE BANK, NATIONAL

ASSOCIATION87\$6,043,698.9285.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$1,043, CHASE BANK, NATIONAL

ASSOCIATION62\$3,735,926.9898.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$71,724. CHASE BANK, NATIONAL

ASSOCIATION24\$5,573,417.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 24\$5,573,417.561** CHASE BANK, NATIONAL

ASSOCIATION18\$4,034,389.1276.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,272,4 CHASE BANK, NATIONAL

ASSOCIATION9\$1,864,451.6193.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$136,630. CHASE BANK, NATIONAL

ASSOCIATION145\$18,667,313.3887.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$2,61CHASE BANK, NATIONAL

ASSOCIATION11\$1,387,955.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$1,387,955.761** CHASE BANK, NATIONAL

ASSOCIATION18\$4,914,025.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$4,914,025.261** CHASE BANK, NATIONAL

ASSOCIATION186\$43,112,199.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 186\$43,112,19**9.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION97\$15,658,040.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 97\$15,658,040.5** CHASE BANK, NATIONAL

ASSOCIATION101\$10,076,757.81100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 101\$10,076,75** CHASE BANK, NATIONAL

ASSOCIATION112\$7,523,416.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 112\$7,523,416.9** CHASE BANK, NATIONAL

ASSOCIATION168\$21,566,038.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 168\$21,566,03**0CHASE BANK, NATIONAL

ASSOCIATION45\$9,899,682.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 45\$9,899,682.361** CHASE BANK, NATIONAL

ASSOCIATION12\$1,999,910.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,999,910.861** CHASE BANK, NATIONAL

ASSOCIATION7\$1,663,638.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,663,638.4110**0

CHASE BANK, NATIONAL

CHASE BANK, NATIONAL

ASSOCIATION113\$34,802,812.8717.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable586\$16 CHASE BANK, NATIONAL

ASSOCIATION582\$162,169,995.9577.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable167\$46 CHASE BANK, NATIONAL

ASSOCIATION21\$7,563,689.2151.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$7,190, CHASE BANK, NATIONAL

ASSOCIATION125\$29,036,169.9081.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$6,38 CHASE BANK, NATIONAL

ASSOCIATION4\$1,337,740.0047.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,469,84 CHASE BANK, NATIONAL

ASSOCIATION3\$508,293.3616.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,576,745 CHASE BANK, NATIONAL

ASSOCIATION14\$2,153,188.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$2,153,188.671** CHASE BANK, NATIONAL

ASSOCIATION15\$3,051,510.65100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$3,051,510.651** CHASE BANK, NATIONAL

ASSOCIATION13\$2,644,890.8180.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$640,703. CHASE BANK, NATIONAL

ASSOCIATION22\$3,956,202.5454.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$3,271, CHASE BANK, NATIONAL

ASSOCIATION1\$118,456.614.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,581,078. CHASE BANK, NATIONAL

ASSOCIATION10\$2,645,736.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,645,736.331** CHASE BANK, NATIONAL

ASSOCIATION4\$1,363,000.0021.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,960,3 CHASE BANK, NATIONAL

ASSOCIATION58\$5,504,659.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 58\$5,504,659.501** CHASE BANK, NATIONAL

ASSOCIATION141\$9,537,384.89100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 141\$9,537,384.8** CHASE BANK, NATIONAL

ASSOCIATION35\$4,414,960.80100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 35\$4,414,960.801** CHASE BANK, NATIONAL

ASSOCIATION457\$85,974,427.11100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 457\$85,974,42**°CHASE BANK, NATIONAL

ASSOCIATION149\$20,686,620.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 149\$20,686,62**0CHASE BANK, NATIONAL

ASSOCIATION22\$2,286,002.39100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$2,286,002.391** CHASE BANK, NATIONAL

ASSOCIATION57\$10,215,837.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 57\$10,215,837.0** CHASE BANK, NATIONAL

ASSOCIATION28\$3,864,545.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 28\$3,864,545.831** CHASE BANK, NATIONAL

ASSOCIATION2\$473,327.3118.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,093,023. CHASE BANK, NATIONAL

ASSOCIATION4\$724,607.5843.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$943,217.63

CHASE BANK, NATIONAL ASSOCIATION132\$8,528,079.0291.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$750,8

ASSOCIATION66\$6,437,669.5087.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$946,18 CHASE BANK, NATIONAL

ASSOCIATION64\$8,134,597.8094.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$499,828 CHASE BANK, NATIONAL

ASSOCIATION9\$1,468,093.2368.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$659,990. CHASE BANK, NATIONAL

ASSOCIATION42\$2,543,363.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$2,543,363.101** CHASE BANK, NATIONAL

ASSOCIATION101\$6,771,226.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 101\$6,771,226.0** CHASE BANK, NATIONAL

ASSOCIATION37\$3,534,814.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 37\$3,534,814.301** CHASE BANK, NATIONAL

ASSOCIATION28\$3,593,294.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 28\$3,593,294.721** CHASE BANK, NATIONAL

ASSOCIATION37\$2,283,613.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 37\$2,283,613.761** CHASE BANK, NATIONAL

ASSOCIATION151\$51,226,069.7151.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable158\$48 CHASE BANK, NATIONAL

ASSOCIATION57\$18,746,522.6937.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable97\$31,52 CHASE BANK, NATIONAL

ASSOCIATION58\$18,743,033.4437.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable100\$31,4 CHASE BANK, NATIONAL

ASSOCIATION14\$2,814,515.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$2,814,515.911** CHASE BANK, NATIONAL

ASSOCIATION36\$11,054,292.12100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$11,054,292.1** CHASE BANK, NATIONAL

ASSOCIATION42\$9,655,410.0098.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$177,030. CHASE BANK, NATIONAL

ASSOCIATION315\$40,269,993.3389.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$4,76 MORTGAGE

COMPANY11\$1,034,926.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$1,034,926.59100**% CHASE BANK, NATIONAL

ASSOCIATION7\$1,988,000.0014.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable35\$11,500, CHASE BANK, NATIONAL

ASSOCIATION12\$2,744,511.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$2,744,511.721** CHASE BANK, NATIONAL

ASSOCIATION17\$3,128,291.1127.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable35\$8,149, CHASE BANK, NATIONAL

ASSOCIATION5\$1,095,372.6611.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$8,519,0 CHASE BANK, NATIONAL

ASSOCIATION59\$17,298,816.7234.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable111\$32,4 CHASE BANK, NATIONAL

ASSOCIATION1\$229,406.7219.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$934,695.73 CHASE BANK, NATIONAL

ASSOCIATION8\$1,677,753.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$1,677,753.0010**0 CHASE BANK, NATIONAL

ASSOCIATION146\$23,701,638.9087.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$3,42 CHASE BANK, NATIONAL

ASSOCIATION32\$5,272,624.1388.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$659,770 CHASE BANK, NATIONAL

ASSOCIATION16\$2,538,304.3488.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$324,635 CHASE BANK, NATIONAL

ASSOCIATION120\$34,071,068.8393.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,505

CHASE BANK, NATIONAL

BRANCH BANKING AND TRUST

BRANCH BANKING AND TRUST

ASSOCIATION241\$23,638,303.6892.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$1,84 CHASE BANK, NATIONAL

ASSOCIATION67\$6,451,451.7192.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$495,351 CHASE BANK, NATIONAL

ASSOCIATION2\$597,677.8317.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,725,041 CHASE BANK, NATIONAL

ASSOCIATION115\$8,509,226.1589.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$968,7 CHASE BANK, NATIONAL

ASSOCIATION199\$12,644,612.5885.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$2,07 CHASE BANK, NATIONAL

ASSOCIATION5\$1,447,000.0026.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$3,940,9 CHASE BANK, NATIONAL

ASSOCIATION57\$12,076,186.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 57\$12,076,186.8** CHASE BANK, NATIONAL

ASSOCIATION6\$1,304,777.95100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,304,777.95100** CHASE BANK, NATIONAL

ASSOCIATION73\$17,468,139.0190.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,771, CHASE BANK, NATIONAL

ASSOCIATION12\$3,769,578.0594.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$226,000 CHASE BANK, NATIONAL

ASSOCIATION133\$32,978,170.4697.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$838,0 BANK.

N.A21\$5,002,704.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$5,002,704.46100%0\$0.00** BANK.

N.A9\$1,920,852.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,920,852.41100%0\$0.00 0\$** BANK,

N.A3\$1,326,276.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 3\$1,326,276.36100%0\$0.00 0\$** BANK

N.A109\$20,848,381.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 109\$20,848,381.83100%0\$** BANK,

N.A31\$5,005,886.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$5,005,886.17100%0\$0.00** CITIZENS,

NA18\$3,410,018.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$3,410,018.06100%0\$0.00** CITIZENS.

NA20\$2,838,330.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$2,838,330.16100%0\$0.00** CITIZENS

NA82\$15,002,206.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 82\$15,002,206.48100%0\$0.0** MORTGAGE SOLUTIONS DBA INTERFIRST MORTGAGE

COMPANY4\$963,050.008.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable27\$10,171,450.009 BRANCH BANKING AND TRUST

COMPANY24\$2,860,967.7659.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,973,477.

COMPANY38\$10,987,489.9642.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$14,587,48 BRANCH BANKING AND TRUST

COMPANY18\$1,147,849.7358.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$823,656.09

BRANCH BANKING AND TRUST COMPANY21\$2,017,261.2460.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,294,786.

COMPANY9\$1,071,591.6047.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,191,773.5 BRANCH BANKING AND TRUST

COMPANY17\$2,316,323.1665.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,234,525.1 BRANCH BANKING AND TRUST

COMPANY8\$1,275,592.8161%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$815,465.1339%0 BRANCH BANKING AND TRUST

COMPANY29\$7,972,225.1266.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$3,956,123. BRANCH BANKING AND TRUST

COMPANY8\$1,140,268.8069.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$502,025.8830 BRANCH BANKING AND TRUST

COMPANY2\$472,345.6234.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$891,466.0965.3 BRANCH BANKING AND TRUST

COMPANY7\$1,085,991.5377.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$319,835.9022 BANK,

N.A560\$159,247,232.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 560\$159,247,232.06100**% BANK,

N.A165\$35,324,895.44100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 165\$35,324,895.44100%0\$** BANK,

N.A118\$23,054,277.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 118\$23,054,277.13100%0\$** BANK,

N.A60\$33,235,918.35100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 60\$33,235,918.35100%0\$0.**BANK

N.A45\$24,960,736.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 45\$24,960,736.91100%0\$0.** BANK,

N.A31\$8,466,305.19100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$8,466,305.19100%0\$0.00** BANK,

N.A26\$8,124,514.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 26\$8,124,514.60100%0\$0.00** CITIZENS,

NA19\$2,775,570.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$2,775,570.29100%0\$0.00** CITIZENS,

NA16\$1,894,691.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,894,691.53100%0\$0.00** CITIZENS,

NA4\$1,081,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,081,000.00100%0\$0.00 0\$** CITIZENS.

NA34\$8,319,406.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 34\$8,319,406.86100%0\$0.00** CITIZENS,

NA4\$1,032,989.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 4\$1,032,989.87100%0\$0.00 0\$** CITIZENS,

NA27\$2,535,244.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$2,535,244.02100%0\$0.00** CITIZENS,

NA59\$8,134,129.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 59\$8,134,129.03100%0\$0.00** CITIZENS.

NA49\$8,036,423.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$8,036,423.53100%0\$0.00** CITIZENS,

NA53\$11,303,355.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 53\$11,303,355.92100%0\$0.**0CITIZENS,

NA7\$1,150,697.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,150,697.20100**%**0\$0.00 0\$** CITIZENS,

NA7\$1,291,217.66100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,291,217.66100%0\$0.00 0\$** CITIZENS,

NA75\$20,977,167.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 75\$20,977,167.58100%0\$0.** CITIZENS,

NA47\$13,253,931.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 47\$13,253,931.72100%0\$0.0**

CITIZENS,

NA44\$6,027,893.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 44\$6,027,893.37100%0\$0.00** CITIZENS,

NA33\$5,377,099.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 33\$5,377,099.43100%0\$0.00** ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES7\$1,999,091.45100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,999,091.45100%0\$** ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES4\$1,425,766.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,425,766.00100%0\$**ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES42\$11,937,253.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$11,937,253.0010**0 ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES25\$7,210,223.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$7,210,223.27100**% OF THE

WEST7\$1,411,500.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,411,500.00100%0\$0.00** MICHIGAN CREDIT

UNION18\$1,023,805.7386.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$160,306.3013.54 CITIZENS,

NA256\$67,415,949.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 256\$67,415,949.71100%0\$** SAVINGS

FA67\$12,364,783.0652.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable72\$11,206,586.8047.5 SAVINGS

FA47\$6,823,696.3763.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$3,857,938.4536.12% SAVINGS

FA7\$835,626.0955.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$672,701.2644.6%0\$0.00N BANK27\$1,605,304.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 27\$1,605,304.57100%0\$0.** MICHIGAN CREDIT

UNION1\$75,562.616.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$1,061,614.2293.36% MICHIGAN CREDIT

UNION1\$42,150.002.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$1,478,386.1497.23% BANK USA, NATIONAL

ASSOCIATION15\$5,000,234.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$5,000,234.631** BANK USA, NATIONAL

ASSOCIATION17\$1,697,879.98100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 17\$1,697,879.981** BANK USA, NATIONAL

ASSOCIATION21\$1,249,013.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 21\$1,249,013.941** BANK USA, NATIONAL

ASSOCIATION20\$2,598,428.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$2,598,428.901** BANK USA, NATIONAL

ASSOCIATION20\$4,683,813.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$4,683,813.091** BANK USA, NATIONAL

ASSOCIATION12\$1,966,127.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$1,966,127.571** BANK USA, NATIONAL

ASSOCIATION9\$2,579,990.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,579,990.9110**0 BANK USA. NATIONAL

ASSOCIATION5\$1,517,664.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,517,664.08100** BANK USA, NATIONAL

ASSOCIATION6\$1,528,932.26100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,528,932.26100** BANK USA, NATIONAL

ASSOCIATION11\$1,999,846.83100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 11\$1,999,846.831** BANK USA, NATIONAL

ASSOCIATION18\$4,532,074.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$4,532,074.551**

BANK USA, NATIONAL

ASSOCIATION20\$6,000,327.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$6,000,327.471** BANK USA, NATIONAL

ASSOCIATION23\$6,999,389.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$6,999,389.901**OF

HAWAII1\$220,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 1\$220,000.00100%0\$0.00** (FARGO BANK,

N.A2\$386,115.0023.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,267,537.3376.65%0\$ FARGO BANK,

N.A92\$22,470,385.3362.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable52\$13,717,932.3337. FARGO BANK,

N.A43\$10,557,653.0151.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$10,107,780.0948. FARGO BANK,

N.A39\$9,647,095.8568.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$4,469,104.2531.66 FARGO BANK,

N.A36\$9,192,534.0053.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$7,859,088.4546.09 FARGO BANK,

N.A51\$12,089,296.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 51\$12,089,296.91100%0\$0.** FARGO BANK,

N.A281\$54,965,297.5999.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$275,000.000.5%0\$ FARGO BANK,

N.A17\$2,513,384.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$2,513,384.05100%0\$0.00** ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES6\$1,025,494.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,025,494.31100%0\$** AMERICAN MORTGAGE

COMPANY3\$820,700.002.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable141\$39,235,832.28 FARGO BANK,

N.A49\$10,082,973.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 49\$10,082,973.88100%0\$0.** FARGO BANK,

N.A232\$50,409,041.71100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 232\$50,409,041.71100%0\$** FARGO BANK,

N.A359\$76,996,926.2099.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$161,570.590.21% FARGO BANK,

N.A19\$3,549,257.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 19\$3,549,257.09100%0\$0.00** FARGO BANK,

N.A12\$3,590,199.2391.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$345,000.008.77%0\$ FARGO BANK,

N.A221\$46,550,566.56100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 221\$46,550,566.56100%0\$** FARGO BANK,

N.A91\$15,583,417.2399.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$132,400.000.84%0 FARGO BANK,

N.A9\$1,864,879.0661.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,171,123.6238.57%0 FARGO BANK,

N.A13\$3,151,595.5579.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$814,396.7520.53%0 FARGO BANK,

N.A39\$10,656,679.2649.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable44\$10,790,038.5250. FARGO BANK,

N.A35\$10,131,334.7278.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,775,349.8421.5%0 MORTGAGE

CORPORATION7\$1,442,400.0028.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,602, MORTGAGE

CORPORATION5\$511,400.0050.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$508,490.00MORTGAGE

CORPORATION1\$210,000.0013.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,402,940 BANK,

N.A25\$2,270,239.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 25\$2,270,239.72100%0\$0.00** BANK,

N.A24\$1,956,804.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$1,956,804.08100%0\$0.00** BANK.

N.A24\$3,211,523.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 24\$3,211,523.58100%0\$0.00** BANK.

N.A16\$1,966,049.33100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,966,049.33100%0\$0.00** BANK.

N.A12\$1,934,395.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 12\$1,934,395.48100%0\$0.00** BANK,

N.A7\$1,122,619.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,122,619.82100%0\$0.00 0\$** BANK.

N.A5\$1,351,244.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,351,244.27100%0\$0.00 0\$** BANK,

N.A115\$32,219,989.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 115\$32,219,989.62100%0\$** BANK.

N.A106\$13,752,924.28100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 106\$13,752,924.28100%0\$** BANK,

N.A106\$29,196,297.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 106\$29,196,297.90100%0\$**

N.A64\$6,198,052.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 64\$6,198,052.30100%0\$0.00** BANK.

N.A56\$3,577,080.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 56\$3,577,080.05100%0\$0.00** BANK.

N.A40\$2,423,142.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 40\$2,423,142.90100%0\$0.00** BANK,

N.A38\$6,124,400.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 38\$6,124,400.09100%0\$0.00** FARM BANK,

FSB26\$1,638,133.84100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 26\$1,638,133.84100%0\$0.00** FARM BANK,

FSB21\$2,075,171.14100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 21\$2,075,171.14100%0\$0.00** FARM BANK,

FSB42\$5,275,473.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 42\$5,275,473.27100%0\$0.00** FARM BANK,

FSB9\$1,179,711.86100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$1,179,711.86100%0\$0.00 0\$** BANK,

 $N.A6\$1,414,316.50100\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Total}\ \mathbf{6\$1,414,316.50100\%0\$0.00N}\ \mathbf{0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\mathbf{Unavailable}\ \mathbf{11\$36,328,738.7874}.$

INC410\$123,234,022.3544.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable507\$153,945,607.6 INC78\$23,564,220.5277.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$6,679,283.3022.0

INC11\$3,491,554.0435.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$6,240,174.3264.12

INC86\$27,536,251.2156.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$21,581,575.9143. INC9\$2,659,408.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$2,659,408.43100%0\$0.00**NA0\$0.00NA0\$0.00NA0\$0.00NA

INC5\$566,667.1743.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Total 9\$2,059,408.45100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$740,274.6856.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

AND TRADERS TRUST

COMPANY3\$788,220.8676.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$245,527.2323.7 MORTGAGE

CORP1\$62,250.005.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,151,350.0094.87%0\$ MORTGAGE

CORP2\$301,980.0018.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,320,200.0081.38% MORTGAGE

CORP1\$107,500.005.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,953,385.0094.78% MORTGAGE

CORPORATION3\$494,550.009.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$4,769,729 FARM BANK,

FSB31\$3,100,010.95100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 31\$3,100,010.95100%0\$0.00** FARM BANK,

FSB42\$5,298,367.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 42\$5,298,367.70100%0\$0.00** FARM BANK,

FSB13\$2,261,549.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$2,261,549.52100%0\$0.00**BRANCH BANKING AND TRUST

COMPANY1\$203,250.0014.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,161,597.7085 BRANCH BANKING AND TRUST

COMPANY13\$2,325,206.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$2,325,206.00100**% MORTGAGE

COMPANY1\$197,000.0018.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$866,144.3881.4 WEST MORTGAGE COMPANY

INC3\$903,700.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 3\$903,700.00100%0\$0.00 0\$0.0** ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES15\$3,622,050.42100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$3,622,050.42100**% ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES23\$4,873,728.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$4,873,728.48100**% MORTGAGE GROUP

LLC2\$412,642.0049.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$417,000.0050.26%0\$0 FARM BANK,

FSB58\$3,526,243.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 58\$3,526,243.59100%0\$0.00**BANK

N.A2\$614,847.6929.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,442,201.6070.11%0\$ BANK

N.A1\$220,600.0011.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,714,054.9788.6%0\$0.0BANK

N.A11\$3,003,920.0022.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$10,113,212.9177.1% LOANS

INC14\$2,241,994.43100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$2,241,994.43100%0\$0.00** LOANS

INC18\$2,452,475.0085.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$406,366.8814.21%0 LOANS

INC11\$1,300,675.0092.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$112,000.007.93%0\$ MORTGAGE

COMPANY1\$127,819.655.96%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,018,212.1394. MORTGAGE,

LLC13\$1,590,052.3070.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$652,584.2029.1%0\$0 MORTGAGE,

LLC10\$1,951,941.0041.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,761,606.6458.59 MORTGAGE,

LLC8\$904,025.0061.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$562,768.0038.37%0\$0 MORTGAGE,

LLC9\$2,034,312.0071.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$819,000.0028.7%0\$0.

MORTGAGE,

LLC11\$987,936.1479.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$261,979.9720.96%0\$

N.A157\$45,668,684.6326.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable461\$127,184,396.89

N.A56\$9,092,830.7533.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable110\$17,810,189.4066.2 BANK

N.A64\$8,836,172.6832.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable132\$18,268,558.4567.4 BANK

N.A45\$5,331,754.6535.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable83\$9,792,685.5164.75

N.A81\$8,060,632.7340.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable119\$11,680,918.0359. BANK

N.A76\$5,130,781.3743.49%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable96\$6,665,560.9456.51

N.A1\$207,500.007.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,454,846.0892.21%0\$ BANK

N.A2\$584,000.0046.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$664,250.0053.21%0\$0.

N.A72\$18,765,020.6739.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable102\$29,220,790.5560

N.A21\$3,374,123.8942.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable28\$4,519,214.5857.25

N.A35\$4,909,962.8149.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable37\$5,082,183.4150.86 BANK

N.A17\$2,007,935.7834.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$3,891,237.3465.96 BANK

N.A25\$2,451,937.2131.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$5,346,552.8968.56

N.A33\$2,071,180.5432.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable67\$4,332,775.2967.66 LOANS

INC14\$1,351,975.0081.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$299,470.0018.13%0 LOANS

INC12\$879,400.0060.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$569,825.0039.32%0\$0.00NS

INC12\$1,972,725.0086.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$319,600.0013.94%0

INC12\$1,626,862.3879.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$407,000.0020.01%0

INC7\$1,531,475.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 7\$1,531,475.00100%0\$0.00 0\$** LOANS

INC8\$1,882,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 8\$1,882,200.00100%0\$0.00 0\$** LOANS

INC21\$4,935,045.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 21\$4,935,045.00100%0\$0.00**

INC15\$1,049,125.0095.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$54,750.004.96%0\$0 LOANS

INC22\$2,147,275.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$2,147,275.00100%0\$0.00**

INC34\$2,341,725.0096.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$75,000.003.1%0\$0.00 LOANS

- INC15\$3,245,100.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 15\$3,245,100.00100%0\$0.00** LOANS
- INC27\$5,757,375.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 27\$5,757,375.00100%0\$0.00** LOANS
- INC36\$7,584,150.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 36\$7,584,150.00100%0\$0.00** LOANS
- INC53\$10,859,325.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 53\$10,859,325.00100%0\$0.** LOANS
- INC8\$1,703,350.0078.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$455,920.0021.11%0\$ LOANS
- INC5\$1,211,582.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,211,582.13100%0\$0.00** 0\$
- INC11\$1,509,300.0091.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$133,500.008.13%0\$ LOANS
- INC22\$2,164,225.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$2,164,225.00100%0\$0.00**
- INC33\$2,239,450.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 33\$2,239,450.00100**%**0\$0.00** LOANS
- INC6\$1,195,525.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,195,525.00100%0\$0.00 0\$** LOANS
- INC9\$1,570,200.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,570,200.00100%0\$0.00 0\$** LOANS
- INC9\$1,728,900.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 9\$1,728,900.00100%0\$0.00 0\$**
- INC60\$15,742,975.0089.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,912,855.0010.83 LOANS
- INC6\$1,182,800.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,182,800.00100%0\$0.00 0\$** LOANS
- INC31\$8,166,650.0064.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$4,475,475.0035.4%0 LOANS
- INC6\$702,375.0067.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$339,750.0032.6%0\$0.00 LOANS
- INC16\$3,983,000.0087.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$576,000.0012.63%0 LOANS
- INC3\$796,450.0074.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$274,820.8525.65%0\$0. LOANS
- INC49\$13,289,900.0094.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$829,429.275.87%0 LOANS
- INC10\$2,098,475.0084.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$379,400.0015.31%0 LOANS
- INC38\$8,872,875.0092.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$686,500.007.18%0\$ MORTGAGE
- CORPORATION7\$1,474,931.0050.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,474,0 MORTGAGE
- CORPORATION63\$8,654,970.9379.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$2,203, MORTGAGE
- CORPORATION59\$3,637,477.7563.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable31\$2,076 MORTGAGE
- CORPORATION19\$4,208,627.1696.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$155,33 MORTGAGE
- CORPORATION166\$16,245,577.0578.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable46\$4,5

MORTGAGE

CORPORATION262\$75,142,874.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 262\$75,142,8**′ MORTGAGE

CORPORATION14\$3,618,712.7280.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$858,50 MORTGAGE

CORPORATION105\$12,365,444.1976.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$3,8 MORTGAGE

CORPORATION165\$37,953,232.0878.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$10 MORTGAGE

CORPORATION8\$2,194,321.20100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$2,194,321.2010** MORTGAGE

CORPORATION6\$1,958,220.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,958,220.0010** MORTGAGE

CORPORATION9\$983,259.4294.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$55,500.00 MORTGAGE

CORPORATION1\$213,000.0014.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,275,591 MORTGAGE

CORPORATION13\$1,366,356.5485.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$240,04 MORTGAGE

CORPORATION20\$2,919,954.2369.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,269, MORTGAGE

CORPORATION19\$2,631,567.2750.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$2,629 MORTGAGE

CORPORATION4\$1,006,556.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$1,006,556.0810** MORTGAGE

CORPORATION13\$1,296,436.2952.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,195 MORTGAGE

CORPORATION54\$17,655,576.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 54\$17,655,576**. MORTGAGE

CORPORATION12\$4,009,213.0095.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$207,00 MORTGAGE

CORPORATION4\$469,225.0044.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$580,496.08 MORTGAGE

CORPORATION11\$1,797,764.4043.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$2,294 MORTGAGE

CORPORATION15\$2,815,829.7493.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$188,00 MORTGAGE

CORPORATION55\$7,528,681.9557.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$5,538 MORTGAGE

CORPORATION49\$12,216,154.3968.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable21\$5,63 MORTGAGE

CORPORATION49\$11,891,096.2855.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable42\$9,688 MORTGAGE

CORPORATION25\$5,110,124.6785.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$837,80 MORTGAGE

CORPORATION22\$4,987,770.1996.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$159,600 MORTGAGE

CORPORATION30\$6,681,840.8989.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$777,26 MORTGAGE

CORPORATION40\$8,197,866.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 40\$8,197,866.90** MORTGAGE

CORPORATION70\$6,866,237.7765.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable38\$3,681, MORTGAGE

CORPORATION63\$10,190,865.5891.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$976,5 MORTGAGE

CORPORATION9\$1,234,095.9159.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$832,559 MORTGAGE

CORPORATION103\$14,237,537.6872.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable39\$5,48 MORTGAGE

CORPORATION49\$2,886,510.1159.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$1,966 MORTGAGE

CORPORATION166\$11,243,686.1773%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable62\$4,157 MORTGAGE

CORPORATION16\$3,602,587.0473.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,316, MORTGAGE

CORPORATION22\$7,245,125.1668.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,353 MORTGAGE

CORPORATION4\$1,100,400.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 4\$1,100,400.001**0 MORTGAGE

CORPORATION42\$10,765,604.4786.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,656 MORTGAGE

CORPORATION30\$7,686,437.1593.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$508,79 MORTGAGE

CORPORATION7\$1,870,424.0082.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$407,486 MORTGAGE

CORPORATION5\$901,650.0089.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$111,042.2 MORTGAGE

CORPORATION20\$1,954,321.9749.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$1,976 MORTGAGE

CORPORATION154\$15,267,964.9466.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable77\$7,6 MORTGAGE

CORPORATION16\$3,938,878.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$3,938,878.22** MORTGAGE

CORPORATION546\$173,148,191.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 546\$173,148** MORTGAGE

CORPORATION12\$1,387,849.0679.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$364,00 MORTGAGE

CORPORATION103\$12,108,315.3660.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable68\$8,0 MORTGAGE

CORPORATION87\$14,150,150.7161.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable53\$8,67 MORTGAGE

CORPORATION116\$21,849,911.0677.77%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable33\$6,2 MORTGAGE

CORPORATION11\$789,403.0459.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$529,707 MORTGAGE

CORPORATION103\$30,059,429.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 103\$30,059,4**29.30100%0\$0.00NA0

CORPORATION43\$10,221,596.8188.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$1,344 MORTGAGE

CORPORATION30\$9,534,637.57100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 30\$9,534,637.57** MORTGAGE

CORPORATION33\$3,861,462.7356.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$2,957

MORTGAGE

CORPORATION9\$1,464,788.6645.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,770, MORTGAGE

CORPORATION18\$3,358,484.1490.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$369,99 MORTGAGE

CORPORATION10\$2,159,078.1966.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,088, MORTGAGE

CORPORATION14\$1,825,455.9077.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$523,00 MORTGAGE

CORPORATION6\$1,529,491.1658.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,086,4 MORTGAGE

CORPORATION32\$1,858,091.0057.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable23\$1,388 MORTGAGE

CORPORATION7\$1,361,050.0036.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,348, MORTGAGE

CORPORATION6\$1,078,875.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,078,875.0010** MORTGAGE

CORPORATION7\$1,178,116.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,178,116.0010** MORTGAGE

CORPORATION20\$1,960,991.0063.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,131 MORTGAGE

CORPORATION5\$545,196.4028.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,350,48 MORTGAGE

CORPORATION16\$961,603.6257.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$704,680 MORTGAGE

CORPORATION108\$6,710,420.1569.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable46\$3,00 MORTGAGE

CORPORATION10\$1,976,784.4628.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable22\$5,075 MORTGAGE

CORPORATION14\$1,523,744.8368.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$684,78 MORTGAGE

CORPORATION43\$8,716,833.4958.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$6,287, MORTGAGE

CORPORATION85\$18,894,828.8828.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable156\$48 MORTGAGE

CORPORATION34\$8,741,277.4065.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable20\$4,600 MORTGAGE

CORPORATION17\$3,341,808.0452.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,020 MORTGAGE

CORPORATION26\$5,800,689.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 26\$5,800,689.00** MUTUAL, INC. DBA FIRST PREFERRED MORTGAGE

COMPANY1\$150,000.0012.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,081,629.8487 FEDERAL

BANK3\$800,974.2158.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$578,516.2141.94%0 THIRD

BANK16\$3,188,342.4431.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$6,873,421.8668

BANK2\$670,350.006.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable29\$9,323,786.7093.29% FUNDING ASSOCIATES,

L.P11\$2,609,350.0075.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$825,000.0024.02%0\$ THIRD

- BANK2\$454,850.0018.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$2,029,500.0081.69% THIRD
- BANK2\$486,500.0029.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,174,000.0070.7%0\$ FUNDING ASSOCIATES,
- L.P20\$6,289,972.9523.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable66\$20,006,547.0376.08 FUNDING ASSOCIATES,
- L.P5\$1,666,834.2910.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable48\$14,461,150.0089.669 FUNDING ASSOCIATES,
- L.P2\$513,300.0016.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,606,900.0083.55%0\$0 FUNDING ASSOCIATES,
- L.P13\$3,151,200.0056.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$2,402,000.0043.25% MORTGAGE,
- LLC8\$722,083.0059.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$482,607.0040.06%0\$0 MORTGAGE,
- LLC9\$1,154,979.0059.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$775,400.0040.17%0\$ MORTGAGE,
- LLC1\$215,300.006.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$3,037,329.0093.38%0\$ MORTGAGE,
- LLC2\$728,000.0032.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,529,470.0067.75%0\$ MORTGAGE,
- LLC2\$638,150.0029.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,546,850.0070.79%0\$ MORTGAGE,
- LLC12\$1,552,533.3752.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,409,938.0047.59 MORTGAGE,
- LLC5\$794,417.6562.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$477,000.0037.52%0\$0 MORTGAGE,
- LLC3\$576,575.0017.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$2,776,970.0082.81%0 MORTGAGE,
- LLC9\$1,618,364.0066.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$802,778.0033.16%0\$ MORTGAGE,
- LLC10\$1,868,175.0067.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$901,300.0032.54%0 MORTGAGE,
- LLC10\$1,994,710.9749.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,014,850.0050.25% MORTGAGE,
- LLC24\$4,417,324.0060.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,903,866.0039.66 MORTGAGE,
- LLC14\$1,253,763.0085.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$218,350.0014.83%0 MORTGAGE,
- LLC7\$1,404,290.1089.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$170,000.0010.8%0\$0. MORTGAGE,
- LLC6\$1,279,805.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 6\$1,279,805.00100%0\$0.00** MORTGAGE,
- LLC5\$1,356,427.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 5\$1,356,427.00100%0\$0.00** MORTGAGE,
- LLC11\$2,359,927.0094.94%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$125,895.005.06%0\$ BANK,
- N.A40\$7,017,804.70100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 40\$7,017,804.70100%0\$0.00** TAYLOR
- BANK2\$517,900.0014.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$3,009,450.0085.32% TAYLOR
- BANK1\$247,500.0013.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,646,505.0086.93%

TAYLOR

BANK3\$637,273.0030.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,466,500.0069.71% SAVINGS

FA7\$1,857,300.7993.57%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$127,675.266.43%0\$0.

FA12\$2,649,788.2380.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$625,875.4219.11%0\$ ONE, NATIONAL

ASSOCIATION37\$8,663,468.18100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 37\$8,663,468.181** BANK4\$809,688.93100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 4\$809,688.93100**%**0\$0.00 0\$**0 CHASE BANK, NATIONAL

ASSOCIATION31\$4,301,424.2688.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$567,207 CHASE BANK, NATIONAL

ASSOCIATION49\$6,404,848.5680.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,591, CHASE BANK, NATIONAL

ASSOCIATION23\$5,670,584.8183.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,142,3 CHASE BANK, NATIONAL

ASSOCIATION17\$4,472,437.7483.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$892,229 ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES13\$3,724,361.37100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$3,724,361.37100**% ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES4\$1,233,000.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 4\$1,233,000.00100**%**0\$** CHASE BANK, NATIONAL

ASSOCIATION72\$17,764,510.4297.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$423,54 CHASE BANK, NATIONAL

ASSOCIATION25\$5,793,432.55100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 25\$5,793,432.551** CHASE BANK, NATIONAL

ASSOCIATION118\$22,131,790.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 118\$22,131,79** CHASE BANK, NATIONAL

ASSOCIATION374\$48,282,800.4578.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable100\$13 CHASE BANK, NATIONAL

ASSOCIATION19\$4,396,765.8183.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$891,873 CHASE BANK, NATIONAL

ASSOCIATION13\$1,676,676.1388.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$221,250 CHASE BANK, NATIONAL

ASSOCIATION103\$16,582,038.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 103\$16,582,03**6 CHASE BANK, NATIONAL

ASSOCIATION315\$30,739,428.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 315\$30,739,42**8.48100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION183\$29,449,259.69100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 183\$29,449,25**0 CHASE BANK, NATIONAL

ASSOCIATION15\$2,422,649.38100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$2,422,649.381** CHASE BANK, NATIONAL

ASSOCIATION177\$17,195,472.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 177\$17,195,47**2 CHASE BANK, NATIONAL

ASSOCIATION49\$4,659,031.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 49\$4,659,031.221** CHASE BANK, NATIONAL

ASSOCIATION90\$6,554,864.60100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 90\$6,554,864.601** CHASE BANK, NATIONAL

ASSOCIATION99\$6,825,553.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 99\$6,825,553.051** CHASE BANK, NATIONAL

ASSOCIATION17\$4,236,611.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 17\$4,236,611.321**

CHASE BANK, NATIONAL

ASSOCIATION4\$1,234,555.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 4\$1,234,555.36100** CHASE BANK, NATIONAL

ASSOCIATION291\$37,308,993.61100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 291\$37,308,99**. CHASE BANK, NATIONAL

ASSOCIATION24\$3,050,342.46100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 24\$3,050,342.461** CHASE BANK, NATIONAL

ASSOCIATION108\$26,517,670.52100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 108\$26,517,67**0 CHASE BANK, NATIONAL

ASSOCIATION13\$3,855,040.39100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$3,855,040.391** CHASE BANK, NATIONAL

ASSOCIATION43\$7,764,819.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 43\$7,764,819.301** CHASE BANK, NATIONAL

ASSOCIATION7\$2,059,577.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$2,059,577.4710**0 CHASE BANK, NATIONAL

ASSOCIATION19\$4,452,543.5738.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable26\$7,100, CHASE BANK, NATIONAL

ASSOCIATION126\$20,402,141.2878.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable34\$5,48 CHASE BANK, NATIONAL

ASSOCIATION79\$21,038,084.4986.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$3,323 CHASE BANK, NATIONAL

ASSOCIATION323\$31,640,037.8780.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable77\$7,42 CHASE BANK, NATIONAL

ASSOCIATION2\$576,037.1718.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$2,501,241. CHASE BANK, NATIONAL

ASSOCIATION388\$25,514,478.3777.76%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable103\$7,2 CHASE BANK, NATIONAL

ASSOCIATION22\$5,998,731.1443.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable24\$7,725, CHASE BANK, NATIONAL

ASSOCIATION82\$19,760,802.1853.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable66\$17,08 CHASE BANK, NATIONAL

ASSOCIATION144\$29,196,113.0798.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$450,7 CHASE BANK, NATIONAL

ASSOCIATION92\$17,864,674.8297.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$523,92 CHASE BANK, NATIONAL

ASSOCIATION22\$1,859,539.99100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 22\$1,859,539.991** CHASE BANK, NATIONAL

ASSOCIATION10\$1,405,309.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,405,309.761** CHASE BANK, NATIONAL

ASSOCIATION16\$1,398,248.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$1,398,248.791** CHASE BANK, NATIONAL

ASSOCIATION19\$3,681,882.4252.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,364, CHASE BANK, NATIONAL

ASSOCIATION211\$63,617,915.8750.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable234\$61 CHASE BANK, NATIONAL

ASSOCIATION8\$2,810,585.0054.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$2,300,84 CHASE BANK, NATIONAL

ASSOCIATION180\$42,383,144.3455.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable119\$34 CHASE BANK, NATIONAL

ASSOCIATION7\$2,122,953.8552.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,892,18 CHASE BANK, NATIONAL

ASSOCIATION282\$20,099,539.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 282\$20,099,53**0 CHASE BANK, NATIONAL

ASSOCIATION90\$21,553,003.30100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 90\$21,553,003.**3CHASE BANK, NATIONAL

ASSOCIATION7\$1,597,296.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,597,296.0410**0 CHASE BANK, NATIONAL

ASSOCIATION384\$49,785,318.32100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 384\$49,785,31**8CHASE BANK, NATIONAL

ASSOCIATION83\$19,019,947.13100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 83\$19,019,947.1** CHASE BANK, NATIONAL

ASSOCIATION31\$8,528,671.2043.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable43\$11,137

ASSOCIATION24\$7,817,872.0028.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable58\$19,641 CHASE BANK, NATIONAL

ASSOCIATION220\$54,795,440.1566.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable100\$27 CHASE BANK, NATIONAL

ASSOCIATION163\$47,604,261.5836.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable230\$82 CHASE BANK, NATIONAL

ASSOCIATION59\$17,550,817.8416.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable248\$87,7 CHASE BANK, NATIONAL

ASSOCIATION309\$87,123,506.4481.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable52\$19,8 CHASE BANK, NATIONAL

ASSOCIATION23\$3,694,397.6590.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$372,031 CHASE BANK, NATIONAL

ASSOCIATION514\$127,180,707.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 514\$127,180,** CHASE BANK, NATIONAL

ASSOCIATION84\$21,588,066.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 84\$21,588,066.5** CHASE BANK, NATIONAL

ASSOCIATION55\$7,487,287.87100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 55\$7,487,287.871** CHASE BANK, NATIONAL

ASSOCIATION8\$1,423,963.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 8\$1,423,963.16100** CHASE BANK, NATIONAL

ASSOCIATION29\$3,515,049.17100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 29\$3,515,049.171** CHASE BANK, NATIONAL

ASSOCIATION16\$2,775,690.80100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 16\$2,775,690.801** CHASE BANK, NATIONAL

ASSOCIATION20\$3,317,244.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 20\$3,317,244.221** CHASE BANK, NATIONAL

ASSOCIATION58\$8,785,665.2871.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable17\$3,520, CHASE BANK, NATIONAL

ASSOCIATION2\$492,800.0034.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$941,064.80 CHASE BANK, NATIONAL

ASSOCIATION44\$5,696,996.01100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 44\$5,696,996.011** CHASE BANK, NATIONAL

ASSOCIATION47\$9,089,210.36100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 47\$9,089,210.361** CHASE BANK, NATIONAL

ASSOCIATION24\$3,031,632.90100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 24\$3,031,632.901** CHASE BANK, NATIONAL

ASSOCIATION7\$1,939,598.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **7\$1,939,598.8510**0 CHASE BANK, NATIONAL

ASSOCIATION5\$1,448,373.85100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 5\$1,448,373.85100**

CHASE BANK, NATIONAL

ASSOCIATION9\$2,084,421.31100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,084,421.31100** CHASE BANK, NATIONAL

ASSOCIATION14\$1,213,587.54100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$1,213,587.541** CHASE BANK, NATIONAL

ASSOCIATION18\$1,733,397.6087.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$238,000 CHASE BANK, NATIONAL

ASSOCIATION78\$17,338,561.09100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 78\$17,338,561.0** CHASE BANK, NATIONAL

ASSOCIATION23\$2,825,068.08100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$2,825,068.081** CHASE BANK, NATIONAL

ASSOCIATION15\$2,263,706.49100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 15\$2,263,706.491** CHASE BANK, NATIONAL

ASSOCIATION47\$7,615,648.0191.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$674,770 CHASE BANK, NATIONAL

ASSOCIATION46\$4,418,942.3484.95%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$782,743 CHASE BANK, NATIONAL

ASSOCIATION18\$1,656,141.4389.92%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$185,719 CHASE BANK, NATIONAL

ASSOCIATION61\$4,151,615.4278.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,119, CHASE BANK, NATIONAL

ASSOCIATION21\$4,693,390.1592.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$395,021 CHASE BANK, NATIONAL

ASSOCIATION18\$3,574,995.9090.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$357,453 CHASE BANK, NATIONAL

ASSOCIATION10\$2,054,300.05100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$2,054,300.051** CHASE BANK, NATIONAL

ASSOCIATION84\$10,775,885.4881.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable19\$2,385 CHASE BANK, NATIONAL

ASSOCIATION33\$5,331,885.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 33\$5,331,885.291** CHASE BANK, NATIONAL

ASSOCIATION5\$956,897.7678.88%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$256,189.90 CHASE BANK, NATIONAL

ASSOCIATION49\$4,726,852.21100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 49\$4,726,852.211** CHASE BANK, NATIONAL

ASSOCIATION57\$3,734,360.50100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 57\$3,734,360.501** CHASE BANK, NATIONAL

ASSOCIATION30\$1,721,350.63100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 30\$1,721,350.631** CHASE BANK, NATIONAL

ASSOCIATION70\$8,914,606.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 70\$8,914,606.151** CHASE BANK, NATIONAL

ASSOCIATION10\$1,906,904.53100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,906,904.531** CHASE BANK, NATIONAL

ASSOCIATION59\$10,989,745.82100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 59\$10,989,745.8** CHASE BANK, NATIONAL

ASSOCIATION285\$64,284,875.03100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 285\$64,284,87**5.

ASSOCIATION433\$81,162,187.22100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 433\$81,162,18** CHASE BANK, NATIONAL

ASSOCIATION219\$43,885,846.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 219\$43,885,84** CHASE BANK, NATIONAL

ASSOCIATION67\$10,134,190.27100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 67\$10,134,190.2** AMERICAN MORTGAGE

COMPANY3\$284,925.0010.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable25\$2,542,479.008 AMERICAN MORTGAGE

COMPANY5\$825,150.009.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$8,329,800.9890 AMERICAN MORTGAGE

COMPANY1\$136,000.002.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$5,040,558.829° AMERICAN MORTGAGE

COMPANY3\$1,160,750.001.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable254\$75,270,624. AMERICAN MORTGAGE

COMPANY2\$427,000.004.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable32\$9,424,235.3395 AMERICAN MORTGAGE

COMPANY2\$313,000.004.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable40\$6,432,946.1195 CHASE BANK, NATIONAL

ASSOCIATION46\$3,041,787.41100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 46\$3,041,787.411** CHASE BANK, NATIONAL

ASSOCIATION23\$2,235,571.62100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$2,235,571.621** CHASE BANK, NATIONAL

ASSOCIATION10\$1,315,859.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 10\$1,315,859.241** CHASE BANK, NATIONAL

ASSOCIATION47\$5,996,509.8978.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,602, CHASE BANK, NATIONAL

ASSOCIATION14\$2,278,278.47100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 14\$2,278,278.471** CHASE BANK, NATIONAL

ASSOCIATION18\$2,275,386.74100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$2,275,386.741** CHASE BANK, NATIONAL

ASSOCIATION253\$15,808,255.5594.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$865 CHASE BANK, NATIONAL

ASSOCIATION93\$8,995,042.9792.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$692,820 CHASE BANK, NATIONAL

ASSOCIATION21\$1,978,807.3491.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$186,400 CHASE BANK, NATIONAL

ASSOCIATION22\$2,728,735.9191.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$262,522 CHASE BANK, NATIONAL

ASSOCIATION45\$8,084,637.68100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 45\$8,084,637.681** CHASE BANK, NATIONAL

ASSOCIATION109\$22,840,611.88100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 109\$22,840,61** CHASE BANK, NATIONAL

ASSOCIATION123\$7,399,608.1387.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$1,016 CHASE BANK, NATIONAL

ASSOCIATION54\$5,232,332.2380.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,251,7 CHASE BANK, NATIONAL

ASSOCIATION1\$166,032.009.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,571,272.4 CHASE BANK, NATIONAL

ASSOCIATION20\$1,349,667.6090.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$145,407 CHASE BANK, NATIONAL

ASSOCIATION43\$4,189,846.0091.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$391,737 CHASE BANK, NATIONAL

ASSOCIATION63\$8,125,460.3384.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$1,536,3 CHASE BANK, NATIONAL

ASSOCIATION41\$6,544,129.2681.79%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$1,457,1

CHASE BANK, NATIONAL

ASSOCIATION31\$7,940,781.4596.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$315,120 CHASE BANK, NATIONAL

ASSOCIATION22\$6,122,729.5596.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$223,740 CHASE BANK, NATIONAL

ASSOCIATION20\$5,220,131.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 20\$5,220,131.791** CHASE BANK, NATIONAL

ASSOCIATION9\$2,502,902.29100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 9\$2,502,902.2910**0 CHASE BANK, NATIONAL

ASSOCIATION250\$16,659,793.0695.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$766,9 CHASE BANK, NATIONAL

ASSOCIATION303\$28,456,681.4796.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$1,03 CHASE BANK, NATIONAL

ASSOCIATION306\$39,789,570.0094.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$2,361 CHASE BANK, NATIONAL

ASSOCIATION123\$19,968,828.6994.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,269CHASE BANK, NATIONAL

ASSOCIATION63\$15,061,308.4398.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$208,23 CHASE BANK, NATIONAL

ASSOCIATION26\$5,878,915.0395.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$275,000 CHASE BANK, NATIONAL

ASSOCIATION27\$6,257,966.5696.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$194,483 CHASE BANK, NATIONAL

ASSOCIATION16\$3,927,773.7993.8%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$259,689. CHASE BANK, NATIONAL

ASSOCIATION58\$3,679,362.7191.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$330,764 CHASE BANK, NATIONAL

ASSOCIATION33\$3,192,697.6097.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$86,738. CHASE BANK, NATIONAL

ASSOCIATION16\$1,962,196.9688.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$265,374 CHASE BANK, NATIONAL

ASSOCIATION18\$1,762,229.04100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 18\$1,762,229.041** CHASE BANK, NATIONAL

ASSOCIATION23\$2,978,594.92100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$2,978,594.921** CHASE BANK, NATIONAL

ASSOCIATION150\$24,657,893.24100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 150\$24,657,89**0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

ASSOCIATION23\$2,550,820.59100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 23\$2,550,820.591** CHASE BANK, NATIONAL

ASSOCIATION6\$1,122,370.06100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 6\$1,122,370.06100** CHASE BANK, NATIONAL

ASSOCIATION84\$14,209,038.94100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 84\$14,209,038.9** CHASE BANK, NATIONAL

ASSOCIATION58\$11,547,984.67100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 58\$11,547,984.6** CHASE BANK, NATIONAL

ASSOCIATION18\$4,605,871.9430.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable39\$10,670 CHASE BANK, NATIONAL

ASSOCIATION27\$8,660,566.0028.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable68\$22,066 CHASE BANK, NATIONAL

ASSOCIATION158\$36,955,609.8469.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable65\$16,4 CHASE BANK, NATIONAL

ASSOCIATION174\$45,875,362.4960.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable86\$30,5 CHASE BANK, NATIONAL

ASSOCIATION64\$14,669,002.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 64\$14,669,002.**0 CHASE BANK, NATIONAL

ASSOCIATION13\$3,510,920.79100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 13\$3,510,920.791** CHASE BANK, NATIONAL

ASSOCIATION254\$71,021,399.5549.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable255\$71 CHASE BANK, NATIONAL

ASSOCIATION6\$2,195,565.0035.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable12\$4,000,1 CHASE BANK, NATIONAL

ASSOCIATION34\$7,429,303.8275.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable9\$2,374,6 CHASE BANK, NATIONAL

ASSOCIATION28\$5,926,080.5560%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,950,073 CHASE BANK, NATIONAL

ASSOCIATION38\$6,897,064.72100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 38\$6,897,064.721** PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING3\$955,492.0028.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$2,343,000.007 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING10\$879,780.6584.03%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$167,249.001 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING2\$768,500.0073.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$281,500.0026 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING12\$2,528,500.0074.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$859,000.00 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING3\$674,996.0045.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$812,895.0054 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,078,520.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 7\$1,078,520.00100**%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,433,572.0089.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$177,000.001 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING2\$640,150.0039.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$978,500.0060 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,430,575.0091.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$140,000.008 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING8\$1,074,070.0069.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$460,900.003 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING16\$4,696,826.0089.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$522,900.00 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING7\$1,298,663.0077.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$386,600.002 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING2\$479,000.0037.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$799,500.0062 PENN FINANCIAL, LLC DBA SHELLPOINT MORTGAGE

SERVICING11\$2,766,675.0037.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$4,667,650 AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE12\$3,873,720.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 12\$3,873,720.0010**0 AMERICAN MORTGAGE

COMPANY1\$70,000.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable54\$14,450,953.7799 AMERICAN MORTGAGE

COMPANY2\$534,400.001.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable151\$42,906,817.30 FEDERAL CREDIT

UNION52\$12,279,959.15100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NATotal 52\$12,279,959.15100%0

THIRD

BANK135\$29,050,289.4069.74%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$12,603,387.36 THIRD

BANK25\$2,097,500.0063.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable13\$1,210,967.8636.60 THIRD

BANK6\$757,700.0036.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable10\$1,327,542.0063.66 THIRD

BANK4\$672,540.0044.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$835,970.0055.42%0

BANK6\$961,276.2324.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$2,968,029.0075.54

BANK4\$461,600.0011.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable14\$3,605,606.0988.65

BANK10\$1,489,432.6130.05%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,466,766.9569. BANK49\$12,016,571.3244.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable51\$15,232,620.115

BANK3\$227,089.8111.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$1,691,919.4888.17 THIRD

BANK17\$3,278,700.0041.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable18\$4,649,201.2158. THIRD

BANK14\$2,195,460.0040.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable15\$3,174,350.0059

BANK19\$5,097,641.0027.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable41\$13,217,075.497.

BANK9\$928,688.0163.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$531,300.0036.39%0 THIRD

BANK1\$106,400.006.78%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable8\$1,463,049.6893.22%0 THIRD

BANK2\$424,245.0025.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$1,257,736.3174.78% THIRD

BANK4\$540,250.0035.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$992,352.5064.75%0 THIRD

BANK2\$332,200.0016.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$1,641,370.0083.17% THIRD

BANK6\$981,300.0062.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$584,550.0037.33%0 THIRD

BANK13\$806,711.0062.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable6\$489,066.6437.74% THIRD

BANK12\$1,195,193.5574%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$420,000.0026%0\$0.

BANK12\$1,569,833.0088.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$203,000.0011.45

BANK23\$4,907,350.0053.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable16\$4,198,014.4446.1

BANK16\$1,472,775.0093.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$105,500.006.68%

BANK16\$1,267,892.0084.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$237,000.0015.75

BANK5\$755,025.0053.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$654,750.0046.44%0 THIRD

BANK2\$339,250.0020.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable7\$1,291,367.6279.19% THIRD

BANK1\$413,000.0032.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$863,100.0067.64%0 THIRD

BANK1\$123,750.006.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$1,716,700.0093.28%0 BANK,

N.A16\$1,902,207.10100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 16\$1,902,207.10100%0\$0.00** BANK,

N.A18\$1,031,054.07100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 18\$1,031,054.07100%0\$0.00** BANK.

N.A14\$1,534,953.91100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$1,534,953.91100%0\$0.00** BANK,

N.A32\$1,763,846.58100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 32\$1,763,846.58100%0\$0.00**

N.A14\$1,480,975.02100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 14\$1,480,975.02100%0\$0.00** BANK,

N.A22\$1,051,620.76100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA**Total 22\$1,051,620.76100%0\$0.00** MORTGAGE,

LLC22\$1,869,700.0085.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$324,080.0014.77%0FEDERAL CREDIT

UNION56\$13,719,803.16100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA**Total 56\$13,719,803.16100%0**SOURCE BANK14\$1,036,050.0033.98%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $OMAHA14\$1,325,820.0043.49\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAGATEWAY\\ MORTGAGE GROUP$

 $LLC2\$185,\!500.006.08\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MORTGAGE \ ACCESS \ CORP.DBA \ WEICHERT FINANCIAL$

CORP.DBA WEICHERT FINANCIAL SERVICES3\$310,625.0010.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$190,579.006.26

LLC1\$76,800.0014.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS

MORTGAGE GROUP

CORP.DBA WEICHERT FINANCIAL SERVICES3\$224,034.6641.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable3\$237,490.9144.1

 $MORTGAGE\ GROUP\\ LLC1\$127,200.009.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\\ MORTGAGE\ ACCESS$

CORP.DBA WEICHERT FINANCIAL

SERVICES9\$1,142,556.4482.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$115,500.008.3 MORTGAGE GROUP

LLC6\$683,680.0082.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable1\$143,520.0017.35%0\$0 MORTGAGE GROUP

LLC6\$337,640.00100%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NATotal **6\$337,640.00100**%**0\$0.00 0\$0.0** MORTGAGE GROUP

LLC10\$911,147.0068.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable5\$420,479.9131.58%0\$ GUARANTEE TITLE AND TRUST

COMPANY1\$101,500.004.12%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF OMAHA7\$450,550.0018.31%0\$0.00NA0\$0.0

 $\label{localization} LLC1\$92,900.003.77\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ MORTGAGE \ ACCESS \ CORP.DBA \ WEICHERT FINANCIAL$

 $SERVICES4\$396,131.4116.1\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NASTATE\ FARM\ BANK,\ FSB6\$551,447.4822.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA\ TRUSTMARK\ NATIONAL$

BANK7\$681,818.1327.71%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable2\$186,608.037.58%0\$ MORTGAGE GROUP LLC1\$80,480.004.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FARM BANK,

FSB8\$528,288.9329.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUSTMARK NATIONAL BANK7\$504,487.3828.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable11\$675,342.9037.75% SOURCE BANK10\$1,324,095.4943.04%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC1\$129,600.004.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE ACCESS CORP.DBA WEICHERT FINANCIAL

SERVICES8\$1,107,683.8736%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable4\$515,194.0016.75 USA FEDERAL CREDIT

UNION2\$230,704.390.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE BANK1\$118,400.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE5\$588,280.931.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

INC1\$116,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE

CORPORATION1\$116,800.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN SAVINGS BANK,

F.S.B2\$230,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL CORPORATION3\$353,200.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION1\$118,500.000.34%0\$0.00NA0\$

RICO3\$353,769.751%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK8\$938,100.002.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF AMERICAN FORK2\$238,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HAWAII1\$124,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF HOPE1\$113,044.700.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST1\$118,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK1\$110,500.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$232,005.980.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION1\$123,300.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$120,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK1\$117,200.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT UNION1\$113,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC2\$243,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK1\$116,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MINNESOTA CREDIT UNION1\$122,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL **MORTGAGE**

COMPANY4\$473,065.911.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK1\$110,831.780.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FINANCIAL BANK1\$112,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE2\$241,633.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITY STATE BANK1\$120,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE, INC1\$115,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORTRUST BANK1\$111,920.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE CREDIT UNION1\$112,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENMARK STATE BANK2\$232,200.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DESERT SCHOOLS FEDERAL CREDIT

UNION1\$112,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY

CREDIT UNION1\$114,400.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUBUQUE BANK AND TRUST

COMPANY3\$359,000.001.02%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST

COMPANY2\$242,300.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT

UNION2\$236,298.380.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EXCEL MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE1\$123,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FAIRWINDS CREDIT UNION1\$112,575.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA1\$113,010.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE

MIDWEST1\$119,300.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK2\$233,000.000.66%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST KEYSTONE COMMUNITY BANK1\$123,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT MORTGAGE

CORPORATION2\$241,000.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

L.L.C6\$707,293.002.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF WATERLOO2\$226,600.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$483,191.001.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$119,200.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORUM CREDIT UNION1\$118,456.610.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK7\$14,102.722.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION2\$244,000.000.69%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK

SSB2\$223,904.390.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION1\$123,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT UNION1\$113,800.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC5\$598,900.001.7%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$112,500.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK3\$352,594.761%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC2\$229,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL CORPORATION1\$117,600.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME SAVINGS & LOAN COMPANY OF YOUNGSTOWN,

OHIO1\$113,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOMEWISE, INC1\$110,900.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$115,001.230.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT UNION1\$120,955.410.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION4\$468,284.471.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INSIGHT CREDIT UNION2\$226,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IOWA BANKERS MORTGAGE

CORPORATION1\$122,375.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION1\$120,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY

INC1\$111,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION2\$227,300.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB1\$109,524.980.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK2\$240,700.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$119,000.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$115,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE,

INC1\$124,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID-HUDSON VALLEY FEDERAL CREDIT

 $\label{thm:community} UNION1\$121,946.860.35\%0\$0.00NA$

 $\label{thm:condition:con$

 $\label{thm:constraint} \begin{tabular}{ll} UNION1\$121,100.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST \\ FEDERAL CREDIT UNION1\$114,503.390.32\%0\$0.00NA0$

COMPANY1\$115,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$115,300.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT UNION1\$110,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT

UNION4\$472,771.191.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION3\$350,500.000.99%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 3\$353,500.001%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%

UNION1\$111,750.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

 $INC1\$116,000.000.33\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT\\ BANK2\$235,300.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT\\ MORTGAGE SERVICING$

CORPORATION2\$234,500.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION2\$226,000.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS BANK OF MENDOCINO

COUNTY1\$123,750.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO2\$234,565.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

 ${\tt DAKOTA1\$123,000.000.35\%0\$0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%0.00NA0\%$

MORTGAGE1\$124,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SILVER STATE SCHOOLS SERVICE COMPANY,

LLC1\$115,630.740.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIUSLAW BANK1\$117,900.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$115,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY BANK1\$123,500.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$123,700.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$124,700.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION3\$358,000.001.02\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUMPQUA\\ BANK2\$237,500.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUMPQUA\\ BANK2\$237,500.000.67\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUMPQUA\\ TRUST3\$352,000.001\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAUMPQUA\\ FINANCIAL SERVICES, \end{tabular}$

LLC1\$118,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSAL AMERICAN MORTGAGE COMPANY,

 $LLC1\$110,000.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAU\$UVERSITY\ OF\ WISCONSIN\ CREDIT$

UNION1\$124,111.710.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO1\$119,500.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE FEDERAL CREDIT

UNION2\$222,000.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK1\$113,250.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION4\$478,500.001.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP2\$235,500.000.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A1\$117,568.220.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$119,913.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable69\$7,942,960.3022.55% PROVING GROUND FEDERAL CREDIT

UNION1\$145,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANCIAL FEDERAL CREDIT UNION1\$135,900.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ADVANTAGE PLUS FEDERAL CREDIT

UNION1\$139,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT

 $UNION3\$424,710.990.56\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALLIANCE\\ BANK1\$140,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK \& TRUST\\ CO1\$130,500.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT\\ UNION1\$134,900.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL\\ BANK1\$134,400.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY\\ MORTGAGE1\$148,950.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST\\ FEDERAL CREDIT\\$

UNION4\$552,706.670.73%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FINANCIAL RESOURCES,

 $INC4\$551,\!450.000.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN FIRST CREDIT UNION1\$133,\!114.830.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE$

CORPORATION1\$137,500.000.18%0\$0.00NA

CORPORATION2\$274,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERISAVE MORTGAGE

CORPORATION3\$415,000.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA51\$6,619,919.648.75%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$142,979.890.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AURORA FINANCIAL GROUP

INC2\$280,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NABANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO1\$142,145.860.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$140,935.020.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH

 $BANK4\$555,425.000.73\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK \ OF \ THE \\ CASCADES1\$126,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK \ OF \ THE \\ WEST7\$936,363.601.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND \ STAFF FEDERAL \ CREDIT$

UNION1\$149,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK1\$132,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAXTER CREDIT UNION2\$271,360.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK2\$282,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION5\$689,215.730.91%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK2\$256,900.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK2\$270,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$127,895.470.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BETHPAGE FEDERAL CREDIT UNION1\$130,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK1\$143,600.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK COMMUNITY CREDIT

UNION1\$130,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOULDER VALLEY CREDIT UNION1\$144,600.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING2\$266,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK1\$138,890.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAMBRIDGE STATE BANK1\$143,395.300.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$130,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC6\$851,500.001.13%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE MORTGAGE,

LLC1\$144,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC2\$251,135.220.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY7\$905,941.921.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK1\$142,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

 $\label{lem:mortgage} MORTGAGE2\$277,084.000.37\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NA CITIZENSFIRST CREDIT UNION1\$134,500.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO\$0.00NA CMG MORTGAGE, INC1\$134,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00NAO$0.00NA COASTAL FEDERAL CREDIT$

 $\label{thm:constraint} \begin{tabular}{ll} UNION2\$258,500.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY MORTGAGE, INC1\$125,250.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NACOMMUNITY MORTGAGE FUNDING, \\ \begin{tabular}{ll} EVALUATION COMMUNITY MORTGAGE AND ARROWS AND AR$

 $\label{localization} LLC1\$125,\!250.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE\\ MORTGAGE INC2\$261,\!300.000.35\%0\$0.00NA0\0.00

CORPORATION1\$140,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$131,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NAO\$0.00

 $\label{thm:bound} \begin{tabular}{l} UNION1\$145,665.430.19\%0\$0.00NA0$

UNION3\$407,360.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ENVISION CREDIT

UNION1\$147,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVERBANK1\$143,773.310.19%0\$ MORTGAGE SERVICING, INC. DBA IMPAC

MORTGAGE2\$261,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$129,150.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FINANCIAL PARTNERS CREDIT

UNION1\$133,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST

BANK1\$147,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA4\$543,679.260.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$135,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$136,000.000.18%0\$0.00NA0\$0

LAKEWOOD1\$132,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL SAVINGS BANK OF

 $BOSTON1\$130,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE \\ BANK1\$125,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT \\ MORTGAGE$

CORPORATION6\$805,500.001.07%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY

INC1\$137,375.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK ALASKA2\$283,382.470.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF DEERWOOD1\$128,000.000.17%0\$0.00NA0\$0

HARTFORD1\$138,900.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NIAGARA BANK, NATIONAL

ASSOCIATION1\$131,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK5\$679,722.530.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST RESIDENTIAL MORTGAGE SERVICES

CORPORATION1\$138,950.000.18%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA

LLC1\$142,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS BANK2\$268,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FRANDSEN BANK & TRUST1\$136,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK37\$5,080,446.866.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION6\$822,005.001.09%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS, LLC1\$133,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GRANITE STATE CREDIT UNION1\$141,896.920.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT MIDWEST BANK SSB1\$140,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK2\$278,652.170.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREYLOCK FEDERAL CREDIT UNION3\$425,356.560.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC2\$266,000.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND BANK1\$142,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC9\$1,251,100.001.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE2\$282,500.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT UNION4\$557,221.570.74%0\$0.00NA

 $UNION3\$412,703.860.55\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IDAHO \ CENTRAL \ CREDIT$

UNION3\$408,800.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA INTERNATIONAL CITY MORTGAGE, INC1\$138,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$128,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA J.G. WENTWORTH HOME LENDING, LLC1\$125,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

COMPANY1\$141,600.000.19%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

ASSOCIATION1\$128,809.740.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION2\$265,800.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE FOREST BANK & TRUST1\$125,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION5\$683,740.310.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A2\$270,000.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER ONE FINANCIAL CORPORATION1\$145,388.330.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS, LLC1\$130,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB2\$270,600.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LOGAN FINANCE CORPORATION1\$145,200.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MACHIAS SAVINGS BANK1\$136,479.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK2\$267,015.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER FIRST MORTGAGE, LLC1\$140,984.850.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MEMBER HOME LOAN,

L.L.C1\$135,156.170.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION2\$281,906.230.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERRIMACK VALLEY FEDERAL CREDIT

UNION1\$135,200.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID MINNESOTA FEDERAL CREDIT

 $\begin{tabular}{l} UNION1\$145,400.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDFLORIDA CREDIT \\ UNION1\$137,500.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES \\ BANK1\$135,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL \\ CREDIT UNION1\$139,250.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL \\ CREDIT UNION1\$136,639.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL \\ CREDIT UNION1\$136,639.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MISSION FEDERAL \\ CREDIT UNION1\$136,639.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MONSON SAVINGS BANK1\$140,000.000.19\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE \\ AMERICA, INC2\$275,657.790.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE \\ MANAGEMENT CONSULTANTS \\ \end{tabular}$

INC1\$148,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE SOLUTIONS OF CO, LLC D/B/A MORTGAGE SOLUTIONS

FINANCIAL2\$274,905.000.36%0\$0.00NA0%

UNION2\$257,050.000.34%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC1\$127,200.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NASSAU EDUCATORS FEDERAL CREDIT

UNION1\$131,600.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NEWFIELD NATIONAL BANK1\$125,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHERN OHIO INVESTMENT

COMPANY1\$129,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST FEDERAL CREDIT

UNION3\$386,816.540.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

 $\label{lem:company} COMPANY4\$530,756.840.7\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NORWOOD \\ COOPERATIVE BANK1\$118,910.540.16\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NOTRE \\ DAME FEDERAL CREDIT$

UNION1\$146,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORIENTAL BANK AND

TRUST1\$132,624.800.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$129,438.610.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION1\$125,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES NEIGHBORHOOD

BANK1\$149,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION2\$273,500.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE MORTGAGE GROUP,

INC1\$140,500.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLATINUM HOME MORTGAGE3\$403,784.260.53%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA POPULAR MORTGAGE, INC1\$147,778.270.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK3\$407,550.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROVIDENT CREDIT UNION1\$129,500.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK

INC2\$293,345.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT UNION1\$142,274.240.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$267,750.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROCKY MOUNTAIN MORTGAGE

 $COMPANY1\$147,750.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDBANK1\$140,000.000.\\MORTGAGE SERVICING$

 $\label{thm:corporations} CORPORATION5\$710,250.000.94\%0\$0.00NA0\$0.00N$

 $\label{thm:company} COMPANY1\$144,000.000.19\%0\$0.00NA$

COMPANY1\$135,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$138,604.910.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY FIRST BANK OF NORTH

DAKOTA1\$146,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE2\$285,900.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SILVER STATE SCHOOLS SERVICE COMPANY,

 $LLC1\$133,421.340.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SIUSLAW\\ BANK1\$126,215.060.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT\\ UNION2\$271,646.000.36\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST\\ COMPANY1\$147,500.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPIRIT OF ALASKA\\ FEDERAL CREDIT\\ \label{eq:locality}$

UNION1\$135,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$138,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$136,923.930.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$133,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA1\$133,500.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

$$\label{lem:mexico1} \begin{split} \text{MEXICO1}\$142,967.000.19\%0\$0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0.00\text{NA}0$$

INC3\$421,750.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNCOAST SCHOOLS FEDERAL CREDIT

UNION1\$129,707.200.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE2\$269,444.240.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST2\$275,200.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE CALIFORNIA CREDIT UNION1\$128,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE GOLDEN 1 CREDIT UNION1\$125,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE PARK BANK1\$139,100.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION2\$252,465.610.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK5\$669,750.000.89%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED BANK & TRUST2\$265,650.000.35%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC2\$293,509.000.39%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY OF WISCONSIN CREDIT

UNION3\$388,159.080.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA USALLIANCE FEDERAL CREDIT

UNION1\$145,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK3\$412,900.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VANDYK MORTGAGE CORPORATION1\$125,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VILLAGE MORTGAGE COMPANY1\$133,600.000.18%0\$0.00NA0\$0

LLC1\$140,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON STATE EMPLOYEES CREDIT

UNION2\$288,200.000.38%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP3\$411,250.000.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT

 $\label{thm:condition} UNION1\$136,000.000.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE\\ BANK1\$125,000.000.17\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTSTAR MORTGAGE\\ CORPORATION1\$137,011.750.18\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WHATCOM\\ EDUCATIONAL CREDIT$

UNION3\$417,489.320.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable139\$18,762,017.9624.7

SECURITY BANK OF

WASHINGTON 15151 800 000 2%050 00N A050 00N A050

WASHINGTON1\$151,800.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACACIA FEDERAL SAVINGS

BANK1\$159,900.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$158,100.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE3\$476,350.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERIFIRST FINANCIAL

CORPORATION 3\$505, 150.000.67%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00

CORPORATION2\$320,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERITRUST MORTGAGE

CORPORATION1\$167,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$159,535.870.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ARK-LA-TEX FINANCIAL SERVICES, LLC1\$150,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA52\$8,172,065.9010.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED CREDIT UNION1\$172,850.340.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO3\$490,928.780.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO SANTANDER PUERTO

RICO1\$162,655.120.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK1\$173,013.140.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK MUTUAL1\$169,763.720.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE

WEST5\$816,603.891.08%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK-FUND STAFF FEDERAL CREDIT

UNION2\$318,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANNER BANK2\$312,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BELLCO CREDIT UNION4\$631,700.790.84%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENCHMARK BANK1\$166,560.040.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BERKSHIRE COUNTY SAVINGS BANK1\$170,626.430.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$164,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BOEING EMPLOYEES CREDIT UNION2\$333,700.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BROKER SOLUTIONS, INC. DBA NEW AMERICAN

FUNDING4\$625,000.000.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS

BANK3\$468,258.730.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CARDINAL FINANCIAL COMPANY, LIMITED

PARTNERSHIP1\$169,900.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC19\$3,032,200.004.01%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC1\$152,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CFCU COMMUNITY CREDIT

UNION1\$158,100.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS FIRST WHOLESALE

MORTGAGE3\$493,926.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$172,600.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CMG MORTGAGE, INC1\$158,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COBALT MORTGAGE.

 $INC1\$164,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE\\ MORTGAGE INC2\$334,000.000.44\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COTTAGE\\ SAVINGS BANK1\$162,500.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COVANTAGE\\ CREDIT UNION1\$151,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUMBERLAND\\ SECURITY BANK1\$152,199.840.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO\\ MORTGAGE, INC1\$165,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DENVER\\ MORTGAGE COMPANY,$

INC1\$156,750.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DFCU FINANCIAL3\$476,850.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHI MORTGAGE COMPANY, LTD2\$313,469.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DRAPER AND KRAMER MORTGAGE CORP. D/B/A 1ST ADVANTAGE

MORTGAGE1\$154,500.000.2%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.

COMPANY3\$470,500.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DUPACO COMMUNITY CREDIT

UNION1\$155,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY2\$304,835.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$154,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EVOLVE BANK & TRUST2\$322,190.290.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIDELITY BANK MORTGAGE1\$170,250.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA3\$489,805.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST1\$150,500.000.2%0\$0.00NA0\$0

LAKEWOOD1\$160,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST HAWAIIAN BANK1\$166,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MERIT

MORTGAGE

CORPORATION4\$653,900.000.87%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST MORTGAGE COMPANY,

 $L.L.C1\$160,000.000.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE\\ BANK23\$3,765,391.654.98\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO\\ RICO3\$479,336.440.63\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTRUST SAVINGS\\ BANK1\$167,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT\\ BANK26\$4,207,189.105.57\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK,\\ NATIONAL$

ASSOCIATION3\$466,150.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GATEWAY MORTGAGE GROUP

LLC3\$480,500.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU2\$325,650.000.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GMFS,

LLC1\$162,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GREAT WESTERN BANK3\$493,000.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUARDIAN MORTGAGE COMPANY

INC3\$515,150.000.68%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY3\$481,600.000.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK1\$164,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC10\$1,630,150.002.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME POINT FINANCIAL

CORPORATION1\$150,700.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK

THE1\$153,341.640.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT

UNION4\$630,333.770.83%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBERIABANK MORTGAGE COMPANY1\$165,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA IBM SOUTHEAST EMPLOYEES FEDERAL CREDIT

UNION3\$476,740.920.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION2\$323,830.240.43%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAND /HOME FINANCIAL SERVICES,

INC1\$170,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION3\$482,123.150.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LEADER BANK, N.A1\$160,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LENDUS,

LLC1\$160,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK,

 $FSB1\$155,\!916.420.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA$

BANK1\$161,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL

ASSOCIATION1\$174,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERIWEST MORTGAGE COMPANY,

LLC2\$336,400.000.45%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA METRO CREDIT UNION4\$623,000.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID AMERICA MORTGAGE, INC1\$164,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

BANK1\$150,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE AMERICA, INC1\$159,200.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC2\$330,500.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN AMERICA CREDIT UNION2\$331,300.000.44%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MOUNTAIN WEST FINANCIAL, INC1\$165,200.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $SERVICING1\$151,\!356.710.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST$

FEDERAL CREDIT

UNION3\$494,124.060.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NUMERICA CREDIT UNION1\$168,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ORRSTOWN BANK1\$160,061.680.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION2\$318,855.610.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PENTAGON FEDERAL CREDIT UNION3\$489,402.720.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PINNACLE CAPITAL MORTGAGE

CORPORATION2\$319,300.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PLATINUM HOME

MORTGAGE1\$168,782.640.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$160,800.000.21%0\$0.00NA

UNION2\$304,150.370.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROUNDPOINT MORTGAGE SERVICING

CORPORATION2\$300,500.000.4%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION3\$490,067.330.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SAVINGS INSTITUTE BANK AND TRUST

COMPANY1\$153,900.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$158,327.090.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SEAMENS BANK1\$153,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL MORTGAGE1\$153,500.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOMERSET TRUST COMPANY1\$164,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTH PACIFIC FINANCIAL

 $CORPORATION 1\$170,\!578.000.23\%0\$0.00NA0\%0.00NA0\%0.00$

COMPANY1\$152,775.550.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$166,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUBURBAN MORTGAGE COMPANY OF NEW

 $\label{lem:mexico1} \mbox{MEXICO1}\$174,000.000.23\%0\$0.00\mbox{NA}0\$0.00\mbox{NA$

UNION1\$150,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUPERIOR FEDERAL CREDIT UNION1\$160,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE5\$802,170.001.06%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TALMER BANK & TRUST3\$465,550.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK OF DENNISON1\$172,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

 $\label{thm:bank} \begin{tabular}{l} UNION1\$165,000.000.22\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE NATIONAL BANK OF INDIANAPOLIS1\$173,000.000.23\%0\$0.00NA0\$0.00N$

UNION1\$173,300.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TOWER FEDERAL CREDIT UNION1\$164,500.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ULSTER SAVINGS BANK1\$170,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK3\$479,600.000.63%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC6\$949,490.001.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVEST BANK AND TRUST CO4\$643,000.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA VALLEY NATIONAL BANK2\$310,000.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION1\$154,400.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA W.J. BRADLEY MORTGAGE CAPITAL,

LLC2\$318,000.000.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE

CORP3\$490,323.000.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WAUKESHA STATE BANK1\$152,282.280.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WELLS FARGO BANK, N.A1\$170,991.120.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESCOM CENTRAL CREDIT UNION1\$153,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 3\$490,550.000.65%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

UNION2\$317,660.260.42%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA YADKIN VALLEY BANK AND TRUST

COMPANY1\$168,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable116\$18,378,917.50 PROVING GROUND FEDERAL CREDIT

UNION1\$52,500.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ACHIEVA CREDIT UNION1\$27,000.000.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALASKA USA FEDERAL CREDIT UNION2\$146,000.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALERUS FINANCIAL1\$71,500.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALPINE BANK & TRUST CO1\$47,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ALTRA FEDERAL CREDIT UNION1\$36,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMARILLO NATIONAL BANK3\$129,347.220.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMEGY MORTGAGE1\$64,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICA FIRST FEDERAL CREDIT

UNION2\$155,901.680.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN BANK1\$45,000.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN HERITAGE FEDERAL CREDIT

 $\label{thm:contour} \begin{tabular}{l} UNION1\$69,500.000.28\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN NATIONAL BANK, TERRELL1\$51,000.000.2\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA AMERICAN PACIFIC MORTGAGE \\ \end{tabular}$

CORPORATION 1\$60,000.000.24%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00NA

CORPORATION5\$319,250.001.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ANCHORBANK FSB1\$82,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ASSOCIATED BANK, NA29\$1,813,991.837.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCO BILBAO VIZCAYA ARGENTARIA PUERTO

RICO2\$114,767.230.46%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANCORPSOUTH BANK10\$622,944.752.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE CASCADES1\$66,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANK OF THE WEST8\$552,725.362.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BANKIOWA1\$27,000.000.11%0\$0 CREDIT UNION1\$78,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BAYCOAST BANK1\$79,654.530.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BENEFICIAL MUTUAL SAVINGS BANK2\$126,000.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK BANK2\$118,983.960.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BLACKHAWK

UNION1\$82,400.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BREMER FINANCIAL CORPORATION1\$46,600.000.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA BUSEY BANK3\$145,077.720.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPE COD FIVE CENTS SAVINGS BANK1\$40,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CAPITAL CREDIT UNION1\$76,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASHCALL, INC1\$65,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CASTLE COOKE

COMMUNITY CREDIT

MORTGAGE, LLC1\$65,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTENNIAL LENDING, LLC2\$140,400.000.56%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL BANK2\$126,500.000.5%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRAL MORTGAGE COMPANY5\$330,884.271.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CENTRUE BANK2\$103,750.000.41%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CHERRY CREEK MORTGAGE

COMPANY1\$84,250.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENS BANK1\$39,832.420.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CITIZENSFIRST CREDIT UNION1\$64,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COASTAL FEDERAL CREDIT UNION1\$60,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COMMUNITY STATE BANK1\$73,165.290.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CORNERSTONE MORTGAGE

INC3\$217,650.000.86%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA COUNTRYPLACE MORTGAGE, LTD2\$139,624.000.55%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION OF COLORADO1\$70,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CREDIT UNION WEST1\$48,900.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA CUSO MORTGAGE, INC1\$81,600.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DFCU FINANCIAL2\$128,000.000.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DHCU COMMUNITY CREDIT

UNION1\$52,300.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA DURANT BANK AND TRUST COMPANY7\$400,250.001.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EASTWOOD BANK1\$83,300.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA EMPOWER FEDERAL CREDIT UNION3\$215,500.000.85%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST CITIZENS BANK NA4\$287,550.001.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$58,500.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST COUNTY BANK1\$83,250.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF OHIO1\$77,339.410.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST FEDERAL BANK OF THE MIDWEST2\$80,672.150.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST INTERSTATE BANK1\$80,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

CORPORATION 4\$229,900.000.91%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

L.L.C4\$296,725.001.18%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK FOX VALLEY1\$80,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST NATIONAL BANK OF CARMI1\$40,000.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST PLACE BANK4\$206,200.000.82%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRST STATE BANK MORTGAGE COMPANY,

LLC1\$63,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FIRSTBANK PUERTO RICO1\$63,524.490.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FORWARD FINANCIAL BANK SSB1\$67,200.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FREMONT BANK7\$533,113.102.11%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA FULTON BANK, NATIONAL

ASSOCIATION4\$244,841.010.97%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GECU3\$171,962.460.68% WESTERN BANK6\$370,900.001.47%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GTE FEDERAL CREDIT

 $\label{thm:corporation:corpo$

INC6\$412,360.001.64%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA GUILD MORTGAGE COMPANY1\$75,600.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

NATIONAL BANK1\$80,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HEARTLAND CREDIT UNION1\$77,986.780.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HERGET BANK, NATIONAL

ASSOCIATION1\$48,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME FEDERAL BANK4\$227,060.560.9%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HOME LOAN CENTER, INC1\$82,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HONESDALE NATIONAL BANK THE1\$75,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA HUDSON VALLEY FEDERAL CREDIT UNION2\$93,000.000.37%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

UNION1\$82,700.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ILLINOIS NATIONAL BANK1\$56,250.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA KINECTA FEDERAL CREDIT UNION1\$39,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA L&N FEDERAL CREDIT UNION1\$66,000.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE AREA BANK1\$72,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LAKE MORTGAGE COMPANY INC1\$59,000.000.23%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LANDMARK CREDIT UNION3\$153,728.290.61%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY BANK1\$80,000.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIBERTY SAVINGS BANK, FSB2\$128,423.540.51%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA LIFESTORE BANK1\$60,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MARINE BANK1\$41,308.390.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAX CREDIT UNION1\$25,875.000.1%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MAY FLOWER COOPERATIVE BANK1\$78,000.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

L.L.C2\$156,300.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MERCHANTS BANK, NATIONAL ASSOCIATION1\$73,394.500.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MID MINNESOTA FEDERAL CREDIT

UNION1\$76,700.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDLAND STATES BANK1\$64,800.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWEST COMMUNITY BANK1\$37,000.000.15%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MIDWESTONE BANK1\$49,000.000.19%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CENTER, LLC4\$234,400.000.93%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MORTGAGE CLEARING CORPORATION2\$91,700.000.36%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA MYCUMORTGAGE, LLC2\$136,608.380.54%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NATIONWIDE ADVANTAGE MORTGAGE

COMPANY1\$83,700.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWEST GEORGIA

BANK1\$63,300.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA NORTHWESTERN MORTGAGE

 $COMPANY4\$217,424.040.86\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA \ NOTRE\ DAME\ FEDERAL\ CREDIT$

UNION3\$162,910.230.65%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PACIFIC NW FEDERAL CREDIT UNION1\$55,000.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PARTNERS FEDERAL CREDIT

UNION1\$36,000.000.14%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PATELCO CREDIT UNION1\$67,000.000.27%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PEOPLES BANK, NATIONAL

ASSOCIATION 2\$141,000.000.56%0\$0.00NA0%0.00NA0%0.00NA0%0.00NA0%0.00N

CORPORATION3\$204,500.000.81%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PORT WASHINGTON STATE

BANK1\$82,200.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PRIMEWEST MORTGAGE

CORPORATION1\$64,700.000.26%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PROFESSIONAL FEDERAL CREDIT

 $\label{thm:constraint} \begin{tabular}{l} UNION1\$84,750.000.34\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA PURDUE FEDERAL CREDIT UNION1\$67,500.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REAL ESTATE MORTGAGE NETWORK INC1\$77,500.000.31\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDSTONE FEDERAL CREDIT \\ \end{tabular}$

 $\begin{tabular}{l} UNION1\$53,769.150.21\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CAPITAL BANK1\$59,481.100.24\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA REDWOOD CREDIT UNION1\$80,000.000.32\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RENASANT BANK2\$103,500.000.41\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA RIVER VALLEY BANK1\$65,500.000.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA ROYAL CREDIT UNION5\$316,719.311.26\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SABINE STATE BANK AND TRUST \\ \end{tabular}$

COMPANY2\$145,700.000.58%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SACRAMENTO CREDIT UNION1\$80,250.000.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SCOTIABANK OF PUERTO RICO1\$55,763.000.22%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SECURITY NATIONAL

MORTGAGE2\$148,500.000.59%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLARITY CREDIT UNION1\$83,671.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOLIDARITY COMMUNITY FEDERAL CREDIT

 $\label{thm:company} \begin{tabular}{ll} UNION1\$68,000.000.27\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUND COMMUNITY \\ BANK1\$62,500.000.25\%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SOUTHERN BANK & TRUST COMPANY2\$91,000.000.36\%0\$0.00NA0\$$

ASSOCIATION1\$74,400.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SPACE COAST CREDIT UNION1\$69,697.710.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STANDARD MORTGAGE

CORPORATION1\$77,600.000.31%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK AND TRUST1\$64,200.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STATE BANK OF THE LAKES1\$50,000.000.2%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STEARNS LENDING, INC1\$81,637.070.32%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCK YARDS BANK & TRUST CO. DBA STOCK YARDS BANK MORTGAGE

COMPANY1\$74,000.000.29%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA STOCKMAN BANK OF MONTANA3\$168,964.010.67%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SUNCOAST SCHOOLS FEDERAL CREDIT

UNION3\$180,339.390.72%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA SWBC MORTGAGE1\$52,450.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TEXAS BANK2\$70,920.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE BANK OF MAINE2\$121,000.000.48%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE FIRST NATIONAL BANK1\$82,000.000.33%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE SUMMIT FEDERAL CREDIT UNION1\$71,000.000.28%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA THE TRADERS NATIONAL BANK1\$42,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA

QUINCY1\$44,000.000.17%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA TRUMARK FINANCIAL CREDIT UNION2\$156,600.000.62%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UMPQUA BANK1\$61,000.000.24%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNITED SHORE FINANCIAL SERVICES,

LLC2\$150,250.000.6%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA UNIVERSITY FIRST FEDERAL CREDIT

UNION1\$64,000.000.25%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WASHINGTON TRUST

BANK1\$53,000.000.21%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WATERSTONE MORTGAGE CORP4\$252,650.001%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WEST GATE BANK1\$75,000.000.3%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTCONSIN CREDIT UNION1\$41,250.000.16%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA WESTFIELD BANK, F.S.B2\$130,900.000.52%0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA0\$0.00NA Unavailable95\$5,913,259.1723.43%0