MFS GOVERNMENT MARKETS INCOME TRUST Form N-CSRS July 30, 2009 Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF

REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-5078

MFS GOVERNMENT MARKETS INCOME TRUST

(Exact name of registrant as specified in charter)

500 Boylston Street, Boston, Massachusetts 02116

 $(Address\ of\ principal\ executive\ offices)\ (Zip\ code)$

Susan S. Newton

Massachusetts Financial Services Company

500 Boylston Street

Boston, Massachusetts 02116

(Name and address of agents for service)

Registrant s telephone number, including area code: (617) 954-5000

Date of fiscal year end: November 30

Date of reporting period: May 31, 2009

ITEM 1. REPORTS TO STOCKHOLDERS.

Semiannual report

MFS® Government Markets Income Trust

5/31/09

MGF-SEM

Managed Distribution Policy Disclosure

The MFS Government Markets Income Trust s (the fund) Board of Trustees has adopted a managed distribution policy. The fund seeks to pay monthly distributions based on an annual rate of 7.25% of the fund s average monthly net asset value. The fund s total return in relation to changes in net asset value is presented in the Financial Highlights. You should not draw any conclusions about the fund s investment performance from the amount of the current distribution or from the terms of the fund s managed distribution policy. The Board may amend or terminate the managed distribution policy at any time without prior notice to fund shareholders; however, at this time, there are no reasonably foreseeable circumstances that might cause the termination of the managed distribution policy.

With each distribution, the fund will issue a notice to shareholders and an accompanying press release which will provide detailed information regarding the amount and composition of the distribution and other related information. In accordance with the amounts and sources of distributions reported in the notice to shareholders - the sources of distributions are only estimates and are not being provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the fund s investment experience during the remainder of its fiscal year and may be subject to changes based on tax regulations. The fund will send you a Form 1099-DIV for the calendar year that will tell you how to report these distributions for federal income tax purposes.

Under a managed distribution policy the fund may at times distribute more than its net investment income and net realized capital gains; therefore, a portion of your distribution may result in a return of capital. A return of capital may occur, for example, when some or all of the money that you invested in the fund is paid back to you. A return of capital does not necessarily reflect the fund is investment performance and should not be confused with yield or income.

MFS® Government Markets Income Trust

New York Stock Exchange Symbol: MGF

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NOT FDIC INSURED MAY LOSE VALUE NO BANK GUARANTEE

LETTER FROM THE CEO

Dear Shareholders:

The market downturns and economic setbacks of late probably rank among the worst financial declines most of us have experienced. Inevitably, people may be questioning their commitment to investing. Still, it is important to remember that downturns are an inescapable part of the business cycle. Such troughs have been seen before, and if we can use history as a guide, market recoveries typically have followed.

Recent market events have shown the value of certain types of investments. In down markets especially, the benefits that funds offer diversification, professional management, and transparency of operations become even more important for investors.

This year, MFS celebrates the 85th anniversary of its flagship fund, Massachusetts Investors Trust. Founded in 1924, Massachusetts Investors Trust was America's first mutual fund. Over the years, MFS has managed money through wars, recessions, and countless boom and bust market cycles. As dire as today's economic climate may seem, experience has taught us the benefits of maintaining a long-term view. No one can predict when the market will fully recover. Still, we remain fully confident that the hallmarks of funds diversification, professional management, and transparency can serve long-term investors well through any type of market climate.

Respectfully,

Robert J. Manning

Chief Executive Officer and Chief Investment Officer

MFS Investment Management®

July 15, 2009

The opinions expressed in this letter are subject to change, may not be relied upon for investment advice, and no forecasts can be guaranteed.

Before investing, consider the fund s investment objectives, risks, charges, and expenses. For a prospectus containing this and other information, contact MFS or view online. Read it carefully.

MFS Fund Distributors, Inc., 500 Boylston Street, Boston, MA 02116

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PORTFOLIO COMPOSITION

Portfolio structure (i)

Credit quality of bonds (r)	
AAA	86.6%
AA	3.6%
A	2.3%
BBB	6.9%
BB	0.2%
Not Rated	0.4%
Fixed income sectors (i)	
Mortgage-Backed Securities	56.3%
U.S. Government Agencies	19.0%
High Grade Corporates	7.6%
Commercial Mortgage-Backed Securities	5.2%
Municipal Bonds	3.5%
Emerging Markets Bonds	2.7%
High Yield Corporates	0.3%
U.S. Treasury Securities	(0.2)%
Portfolio facts	
Average Duration (d)(i)	4.3
Average Effective Maturity (i)(m)	6.2 yrs.
Average Credit Quality of Rated Securities (long-term) (a)	ÅA+
Average Credit Quality of Rated Securities (short-term) (a)	A-1

- (a) The average credit quality of rated securities is based upon a market weighted average of portfolio holdings that are rated by public rating agencies.
- (d) Duration is a measure of how much a bond s price is likely to fluctuate with general changes in interest rates, e.g., if rates rise 1.00%, a bond with a 5-year duration is likely to lose about 5.00% of its value.
- (i) For purposes of this presentation, the bond component includes accrued interest amounts and may be positively or negatively impacted by the equivalent exposure from any derivative holdings, if applicable, and may result in the investment in a sector of less than 0.0%.
- (m) In determining an instrument s effective maturity for purposes of calculating the fund s dollar-weighted average effective maturity, MFS uses the instrument s stated maturity or, if applicable, an earlier date on which MFS believes it is probable that a maturity-shortening device (such as a put, pre-refunding or prepayment) will cause the instrument to be repaid. Such an earlier date can be substantially shorter than the instrument s stated maturity.
- (r) Each security is assigned a rating from Moody s Investors Service. If not rated by Moody s, the rating will be that assigned by Standard & Poor s. Likewise, if not assigned a rating by Standard & Poor s, it will be based on the rating assigned by Fitch, Inc. For those portfolios that hold a security which is not rated by any of the three agencies, the security is considered Not Rated. Holdings in U.S. Treasuries and government agency mortgage-backed securities, if any, are included in the AAA -rating category. Percentages are based on the total market

value of investments as of 5/31/09.

Percentages are based on net assets as of 5/31/09, unless otherwise noted.

The portfolio is actively managed and current holdings may be different.

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INVESTMENT OBJECTIVE, PRINCIPAL INVESTMENT STRATEGIES AND RISKS OF THE FUND

Investment Objective

The fund s investment objective is to seek high current income, but may also consider capital appreciation. The fund s objective may be changed without shareholder approval.

Principal Investment Strategies

MFS normally invests at least 80% of the fund s net assets in U.S. and foreign government securities.

MFS may invest the fund s assets in other types of debt instruments.

MFS generally invests substantially all of the fund s assets in investment grade debt instruments.

MFS may invest the fund s assets in U.S. and foreign securities, including emerging market securities.

MFS may invest a relatively high percentage of the fund s assets in a single country, a small number of countries, or a particular geographic region.

MFS may invest a relatively high percentage of the fund s assets in the debt instruments of a single issuer or a small number of issuers.

The fund seeks to make a monthly distribution at an annual fixed rate of 7.25% of the fund s average monthly net asset value.

MFS may invest the fund s assets in mortgage dollar rolls.

MFS may use derivatives for different purposes, including to earn income and enhance returns, to increase or decrease exposure to a particular market, to manage or adjust the risk profile of the fund, or as alternatives to direct investments.

MFS uses a bottom-up investment approach in buying and selling investments for the fund. Investments are selected primarily based on fundamental analysis of instruments and their issuers in light of current market, economic, political, and regulatory conditions. Factors considered may include the instrument scredit quality, collateral characteristics, and indenture provisions, and the issuer scannagement ability, capital structure, leverage, and ability to meet its current obligations. Quantitative analysis of the structure of the instrument and its features may also be considered.

If approved by the fund s Board of Trustees, the fund may use leverage through the issuance of preferred shares, borrowing from banks, and/or other methods of creating leverage, and investing the proceeds pursuant to its investment strategies.

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Investment Objective, Principal Investment Strategies and Risks of the Fund continued

MFS may engage in active and frequent trading in pursuing the fund s principal investment strategies.

In response to market, economic, political, or other conditions, MFS may depart from the fund s principal investment strategies by temporarily investing for defensive purposes.

Principal Risks

The portfolio s yield and share prices change daily based on the credit quality of its investments and changes in interest rates. In general, the value of debt securities will decline when interest rates rise and will increase when interest rates fall. Debt securities with longer maturity dates will generally be subject to greater price fluctuations than those with shorter maturities. Mortgage securities are subject to prepayment risk which can offer less potential for gains in a declining interest rate environment and greater potential for loss in a rising interest rate environment. The fund may invest a significant portion of its assets in mortgage-backed securities. The value of mortgage-backed securities may depend, in part, on the issuer s or borrower s credit quality or ability to pay principal and interest when due and may fall if an issuer or borrower defaults on its obligation to pay principal or interest or if the instrument s credit rating is downgraded by a credit rating agency. U.S. Government securities not supported as to the payment of principal or interest by the U.S. Treasury, such as those issued by Fannie Mae, Freddie Mac, and the Federal Home Loan Banks, are subject to greater credit risk than are U.S. Government securities supported by the U.S. Treasury, such as those issued by Ginnie Mae. Derivatives can be highly volatile and involve risks in addition to those of the underlying indicators upon whose value the derivative is based. Gains or losses from derivatives can be substantially greater than the derivatives original cost. Interest payments on inflation adjusted debt instruments can be unpredictable and vary based on the level of inflation. Foreign investments can be more volatile than U.S. investments. Changes in currency exchange rates can affect the U.S. dollar rate of foreign currency investments and investments denominated in foreign currency. Investing in emerging markets can involve risks in addition to those generally associated with investing in more developed foreign markets. When you sell your shares, they may be worth more or less than the amount you paid for them. Please see the fund s registration statement for further information regarding these and other risk considerations. A copy of the fund s registration statement on Form N-2 is available on the EDGAR database on the Securities and Exchange Commission s Internet Web site at http://sec.gov and on the MFS Web site at mfs.com.

In accordance with Section 23(c) of the Investment Company Act of 1940, the fund hereby gives notice that it may from time to time repurchase shares of the fund in the open market at the option of the Board of Trustees and on such terms as the Trustees shall determine.

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PORTFOLIO MANAGER S PROFILE

Geoffrey Schechter

Investment Officer of MFS; employed in the investment area of MFS since 1993. Manager of the fund since April 2006.

OTHER NOTES

The fund s shares may trade at a discount or premium to net asset value. Shareholders do not have the right to cause the fund to repurchase their shares at net asset value. When fund shares trade at a premium, buyers pay more than the net asset value underlying fund shares, and shares purchased at a premium would receive less than the amount paid for them in the event of the fund s liquidation. As a result, the total return that is calculated based on the net asset value and New York Stock Exchange price can be different.

The fund s target annual distribution rate is calculated based on an annual rate of 7.25% of the fund s average monthly net asset value, not a fixed share price. The fund s dividend amount will fluctuate with changes in the fund s average monthly net assets.

The fund s monthly distributions may include a return of capital to shareholders. Distributions that are treated for federal income tax purposes as a return of capital will reduce each shareholder s basis in his or her shares and, to the extent the return of capital exceeds such basis, will be treated as gain to the shareholder from a sale of shares. The target annual distribution rate may also result in a recharacterization of what economically represents a return of capital to ordinary income in those situations where a fund has current year long-term capital gains and a capital loss carryforward. Returns of shareholder capital have the effect of reducing the fund s assets and may increase the fund s expense ratio.

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DIVIDEND REINVESTMENT AND CASH PURCHASE PLAN

The fund offers a Dividend Reinvestment and Cash Purchase Plan (the Plan) that allows common shareholders to reinvest either all of the distributions paid by the fund or only the long-term capital gains. Generally, purchases are made at the market price unless that price exceeds the net asset value (the shares are trading at a premium). If the shares are trading at a premium, purchases will be made at a price of either the net asset value or 95% of the market price, whichever is greater. You can also buy shares on a quarterly basis in any amount \$100 and over. The Plan Agent will purchase shares under the Cash Purchase Plan on the 15th of January, April, July, and October or shortly thereafter.

If shares are registered in your own name, new shareholders will automatically participate in the Plan, unless you have indicated that you do not wish to participate. If your shares are in the name of a brokerage firm, bank, or other nominee, you can ask the firm or nominee to participate in the Plan on your behalf. If the nominee does not offer the Plan, you may wish to request that your shares be re-registered in your own name so that you can participate. There is no service charge to reinvest distributions, nor are there brokerage charges for shares issued directly by the fund. However, when shares are bought on the New York Stock Exchange or otherwise on the open market, each participant pays a pro rata share of the transaction expenses, including commissions. Dividends and capital gains distributions are taxable whether received in cash or reinvested in additional shares the automatic reinvestment of distributions does not relieve you of any income tax that may be payable (or required to be withheld) on the distributions.

You may withdraw from the Plan at any time by going to the Plan Agent s website at www.computershare.com, by calling 1-800-637-2304 any business day from 9 a.m. to 5 p.m. Eastern time or by writing to the Plan Agent at P.O. Box 43078, Providence, RI 02940-3078. Please have available the name of the fund and your account number. For certain types of registrations, such as corporate accounts, instructions must be submitted in writing. Please call for additional details. When you withdraw from the Plan, you can receive the value of the reinvested shares in one of three ways: your full shares will be held in your account, the Plan Agent will sell your shares and send the proceeds to you, or you may transfer your full shares to your investment professional who can hold or sell them. Additionally, the Plan Agent will sell your fractional shares and send the proceeds to you.

If you have any questions or for further information or a copy of the Plan, contact the Plan Agent Computershare Trust Company, N.A. (the Transfer Agent for the fund) at 1-800-637-2304, at the Plan Agent s website at

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Dividend Reinvestment and Cash Purchase Plan continued

www.computershare.com, or by writing to the Plan Agent at P.O. Box 43078, Providence, RI 02940-3078.

The following changes in the Plan will take effect on September 1, 2009:

When dividend reinvestment is being made through purchases in the open market, such purchases will be made on or shortly after the payment date for such distribution (except where temporary limits on purchases are legally required) and in no event more than 15 days thereafter (instead of 45 days as previously specified).

In an instance where the Plan Agent either cannot invest the full amount of the distribution through open market purchases or the fund s shares are no longer selling at a discount to the current net asset value per share, the fund will supplementally issue additional shares at the greater of net asset value per share or 95% of the current market value price per share calculated on the date that such request is made (instead of the distribution date net asset value as previously specified). This price may be greater or lesser than the fund s net asset value per share on the distribution payment date.

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PORTFOLIO OF INVESTMENTS

5/31/09 (unaudited)

The Portfolio of Investments is a complete list of all securities owned by your fund. It is categorized by broad-based asset classes.

Danda 00 00/		
Bonds - 98.6% Issuer	Shares/Par	Value (\$)
133061	Silales/Fai	value (ψ)
U.S. Bonds - 94.1%		
Agency - Other - 13.1%		
Financing Corp., 10.7%, 2017	\$ 4,095,000	\$ 6,125,797
Financing Corp., 9.4%, 2018	3,085,000	4,347,666
Financing Corp., 9.8%, 2018	4,350,000	6,258,610
Financing Corp., 10.35%, 2018	6,820,000	10,169,718
Financing Corp., STRIPS, 0%, 2017	5,000,000	3,373,895
		\$ 30,275,686
Asset Backed & Securitized - 5.2%		* 55,215,655
Banc of America Commercial Mortgage Trust, A4 , 5.414%, 2047	\$ 997,221	\$ 819,939
Banc of America Commercial Mortgage, Inc., FRN, 5.658%, 2049	1,000,000	730,026
Citigroup Commercial Mortgage Trust, FRN, 5.699%, 2049	1,000,000	782,157
Citigroup/Deutsche Bank Commercial Mortgage Trust, 5.322%, 2049	1,200,000	921,391
Commercial Mortgage Pass-Through Certificates, 5.306%, 2046	1,366,646	1,087,019
Credit Suisse Mortgage Capital Certificate, 5.311%, 2039	500,000	369,844
CWCapital LLC, 5.223%, 2048	1,000,000	741,892
Greenwich Capital Commercial Funding Corp., FRN, 5.916%, 2038	1,211,373	995,195
GS Mortgage Securities Corp., 5.56%, 2039	1,554,471	1,262,634
JPMorgan Chase Commercial Mortgage Securities Corp., 5.42%, 2049	1,000,000	751,248
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 5.818%, 2049	1,000,000	781,860
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 5.99%, 2051	754,902	603,460
Merrill Lynch Mortgage Trust, FRN, 5.828%, 2050	750,000	184,521
Prudential Securities Secured Financing Corp., FRN, 7.252%, 2013 (z)	1,819,000	1,493,428
Wachovia Bank Commercial Mortgage Trust, FRN, 5.902%, 2051	1,000,000	467,922
		\$ 11,992,536
Building - 0.2%		, , , , , , , , , , , , , , , , , , , ,
CRH PLC, 8.125%, 2018	\$ 397,000	\$ 371,671
Cable TV - 0.5%		
	Ф 1 000 000	ф 1 100 000
Time Warner Cable, Inc., 8.25%, 2019	\$ 1,000,000	\$ 1,120,320
Chemicals - 0.3%		
Dow Chemical Co., 8.55%, 2019	\$ 500,000	\$ 499,951
Dow Chemical Co., 9.4%, 2039	70,000	71,555
		\$ 571,506
		φ 0,1,000

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Portfolio of Investments (unaudited) continued

Issuer	Shares/Par		Par Value (\$	
Bonds - continued				
U.S. Bonds - continued				
Computer Software - Systems - 0.3%	_			
International Business Machines Corp., 8%, 2038	\$	500,000	\$	638,908
Energy - Integrated - 0.0%				
Hess Corp., 8.125%, 2019	\$	30,000	\$	32,963
Food & Beverages - 0.9%				
Anheuser-Busch Companies, Inc., 7.75%, 2019 (n)	\$	750,000	\$	806,735
Conagra Foods, Inc., 7%, 2019		20,000		21,517
Dr. Pepper Snapple Group, Inc., 6.82%, 2018		231,000		232,511
Kraft Foods, Inc., 6.125%, 2018		960,000		980,565
			\$	2,041,328
Food & Drug Stores - 0.0%				
CVS Caremark Corp., 6.6%, 2019	\$	30,000	\$	31,156
Local Authorities - 0.8%				
California (Build America Bonds), 7.55%, 2039	\$	60,000	\$	57,995
Illinois Toll Highway Authority Rev. (Build America Bonds), 6.184%, 2034		30,000		29,208
Metropolitan Transportation Authority, NY, (Build America Bonds), 7.336%, 2039		665,000		735,610
New Jersey Turnpike Authority Rev. (Build America Bonds), F , 7.414%, 2040		45,000		49,960
Utah Transit Authority Sales Tax Rev. (Build America Bonds), B , 5.937%, 2039		1,020,000		998,570
			\$	1,871,343
Major Banks - 0.4%	•	470.000	Φ.	171 015
Bank of America Corp., 7.625%, 2019	\$	170,000	\$	171,945
Merrill Lynch & Co., Inc., 6.05%, 2016		750,000		653,846
			Φ.	005 704
Mortgage Backed - 56.0%			\$	825,791
Fannie Mae, 4.79%, 2012	Φ	3,522,804	Ф	3,691,657
Fannie Mae, 4.542%, 2013	φ	814,120	φ	855,248
Fannie Mae, 5%, 2013 - 2035		3,322,573		3,422,597
Fannie Mae, 5.06%, 2013		385,702		405,192
Fannie Mae, 5.37%, 2013		1,007,023		1,068,835
Fannie Mae, 4.77%, 2014		474,207		498,084
Fannie Mae, 4.84%, 2014		2,742,067		2,895,837
Fannie Mae, 5.1%, 2014		510,141		542,646
		-		

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Portfolio of Investments (unaudited) continued

Issuer	Shares/Par		Value (\$)	
Bonds - continued				
U.S. Bonds - continued				
Mortgage Backed - continued				
Fannie Mae, 4.7%, 2015	\$	466,021	\$	487,275
Fannie Mae, 4.74%, 2015		377,873		394,781
Fannie Mae, 4.78%, 2015		528,652		553,723
Fannie Mae, 4.815%, 2015		543,000		568,720
Fannie Mae, 4.82%, 2015		935,520		981,592
Fannie Mae, 4.85%, 2015		332,375		349,862
Fannie Mae, 4.86%, 2015		155,918		164,295
Fannie Mae, 4.87%, 2015		352,037		370,429
Fannie Mae, 4.89%, 2015		394,568		415,950
Fannie Mae, 5.466%, 2015		872,076		940,754
Fannie Mae, 5.09%, 2016		500,000		527,211
Fannie Mae, 5.423%, 2016		778,566		838,454
Fannie Mae, 5.845%, 2016		419,052		450,410
Fannie Mae, 6.5%, 2016 - 2037		6,256,560		6,718,121
Fannie Mae, 5.05%, 2017		525,300		552,597
Fannie Mae, 5.3%, 2017		584,664		622,764
Fannie Mae, 5.5%, 2017 - 2037		49,030,806		50,924,259
Fannie Mae, 6%, 2017 - 2037		13,652,761		14,390,326
Fannie Mae, 4.88%, 2020		310,534		320,931
Freddie Mac, 4.5%, 2015		109,726		110,005
Freddie Mac, 5%, 2016 - 2027		4,062,107		4,168,451
Freddie Mac, 6%, 2021 - 2038		6,272,254		6,571,713
Freddie Mac, 3.75%, 2024		240,403		242,901
Freddie Mac, 4%, 2024		259,670		262,679
Freddie Mac, 5.5%, 2024 - 2036		11,238,283		11,629,752
Freddie Mac, 6.5%, 2037		2,328,322		2,480,648
Ginnie Mae, 5.5%, 2033 - 2038		7,315,450		7,619,801
Ginnie Mae, 5.612%, 2058		1,142,929		1,172,931
Ginnie Mae, 6.357%, 2058		1,007,281		1,058,865
			\$	129,270,296
Municipals - 3.4%				
California Educational Facilities Authority Rev. (Stanford University), T-1 , 5%, 2039	\$	3,075,000	\$	3,267,987
Illinois Regional Transportation Authority, A, FSA, 5.75%, 2034		1,125,000		1,245,915
Massachusetts Bay Transportation Authority, Sales Tax Rev., A-1 , 5.25%, 2028		1,045,000		1,164,590
Massachusetts Health & Educational Facilities Authority Rev. (Boston College), 5.5%, 2027		755,000		870,802
Massachusetts Water Resources Authority Rev., B , FSA, 5.25%, 2035		1,310,000		1,397,220

7,946,514

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Portfolio of Investments (unaudited) continued

Issuer	5	Shares/Par	,	Value (\$)
Bonds - continued				
U.S. Bonds - continued				
Natural Gas - Distribution - 0.3%				
EQT Corp., 8.125%, 2019	\$	674,000	\$	695,278
Natural Gas - Pipeline - 0.4%				
Energy Transfer Partners LP, 8.5%, 2014	\$	21,000	\$	23,371
Kinder Morgan Energy Partners, 6.85%, 2020		1,000,000		994,858