

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

Kayne Anderson MLP Investment CO  
Form NSAR-A  
July 27, 2007

PAGE 1  
000 A000000 05/31/2007  
000 C000000 0001293613  
000 D000000 N  
000 E000000 F  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 KAYNE ANDERSON MLP INVESTMENT COMPANY  
001 B000000 811-21593  
001 C000000 8776573863  
002 A000000 717 TEXAS AVENUE, SUITE 3100  
002 B000000 HOUSTON  
002 C000000 TX  
002 D010000 77002  
003 000000 N  
004 000000 N  
005 000000 N  
006 000000 N  
007 A000000 N  
007 B000000 0  
007 C010100 1  
007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 KA FUND ADVISORS, LLC  
008 B000001 A  
008 C000001 801-46991  
008 D010001 HOUSTON  
008 D020001 TX  
008 D030001 77002  
010 A000001 BEAR STEARNS FUNDS MANAGEMENT INC.  
010 B000001 81-1221401  
010 C010001 NEW YORK  
010 C020001 NY  
010 C030001 10179  
011 A000001 CITIGROUP GLOBAL MARKETS INC.  
011 B000001 8-02800541  
011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10022  
011 A000002 UBS SECURITIES LLC  
011 B000002 8-0280736  
011 C010002 STAMFORD  
PAGE 2  
011 C020002 CT  
011 C030002 06901  
011 A000003 RBC CAPITAL MARKETS CORPORATION  
011 B000003 8-01672  
011 C010003 NEW YORK  
011 C020003 NY

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

011 C030003 10006  
011 A000004 DEUTSCHE BANK SECURITIES INC.  
011 B000004 8-00017822  
011 C010004 NEW YORK  
011 C020004 NY  
011 C030004 10005  
011 A000005 SANDERS MORRIS HARRIS INC.  
011 B000005 8-00038325  
011 C010005 HOUSTON  
011 C020005 TX  
011 C030005 77002  
011 A000006 A.G. EDWARDS & SONS, INC.  
011 B000006 8-02803548  
011 C010006 ST LOUIS  
011 C020006 MO  
011 C030006 63103  
011 A000007 ADVEST, INC.  
011 B000007 8-02804159  
011 C010007 HARTFORD  
011 C020007 CT  
011 C030007 06103  
011 A000008 LEGG MASON WOOD WALKER, INCORPORATED  
011 B000008 8-00015939  
011 C010008 BALTIMORE  
011 C020008 MD  
011 C030008 21202  
011 A000009 OPPENHEIMER & CO. INC.  
011 B000009 8-00004077  
011 C010009 NEW YORK  
011 C020009 NY  
011 C030009 10004  
011 A000010 FERRIS, BAKER WATT, INCORPORATED  
011 B000010 8-00016427  
011 C010010 WASHINGTON  
011 C020010 DC  
011 C030010 20006  
011 A000011 MORGAN KEEGAN & COMPANY, INC.  
011 B000011 8-00015001  
011 C010011 MEMPHIS  
011 C020011 TN  
011 C030011 38103  
011 A000012 ROBERT W. BAIRD & CO. INCORPORATED  
011 B000012 8-02801911  
011 C010012 MILWAUKEE  
011 C020012 WI  
PAGE 3  
011 C030012 53201  
011 A000013 WEDBUSH MORGAN SECURITIES INC.  
011 B000013 8-00012987  
011 C010013 LOS ANGELES  
011 C020013 CA  
011 C030013 90017  
012 A000001 AMERICAN STOCK TRANSFER & TRUST COMPANY  
012 B000001 84-0041600  
012 C010001 NEW YORK  
012 C020001 NY  
012 C030001 10038  
013 A000001 PRICEWATERHOUSECOOPERS LLP  
013 B010001 LOS ANGELES  
013 B020001 CA  
013 B030001 90071  
014 A000001 KA ASSOCIATES, INC.

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

014 B000001 8-45640000  
015 A000001 CUSTODIAL TRUST COMPANY  
015 B000001 C  
015 C010001 PRINCETON  
015 C020001 NJ  
015 C030001 08540  
015 E010001 X  
018 000000 Y  
019 A000000 Y  
019 B000000 3  
019 C000000 KAYNEANDER  
020 A000001 A.G. EDWARDS & SONS, INC.  
020 B000001 43-0895447  
020 C000001 41  
020 A000002 UBS WARBURG LLC  
020 B000002 13-3873456  
020 C000002 27  
020 A000003 LEHMAN BROTHERS, INC.  
020 B000003 13-2518466  
020 C000003 23  
020 A000004 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.  
020 B000004 13-5674085  
020 C000004 21  
020 A000005 JEFFERIES & CO., INC.  
020 B000005 95-2622900  
020 C000005 20  
020 A000006 CITIGROUP GLOBAL MARKETS, INC.  
020 B000006 11-2418191  
020 C000006 9  
020 A000007 J.P. MORGAN SECURITIES, INC.  
020 B000007 13-3379014  
020 C000007 8  
020 A000008 WACHOVIA SECURITIES, LLC  
020 B000008 34-1542819  
020 C000008 7  
PAGE 4  
020 A000009 FRIEDMAN, BILLINGS, RAMSEY & CO., INC.  
020 B000009 52-1630477  
020 C000009 7  
020 A000010 GOLDMAN, SACHS & CO.  
020 B000010 13-5108880  
020 C000010 6  
021 000000 204  
022 A000001 BEAR, STEARNS & CO., INC.  
022 B000001 13-3299429  
022 C000001 648740  
022 D000001 872561  
022 A000002 CITIGROUP GLOBAL MARKETS, INC.  
022 B000002 11-2418191  
022 C000002 7610  
022 D000002 0  
022 A000003 UBS WARBURG LLC  
022 B000003 13-3873456  
022 C000003 4808  
022 D000003 0  
022 A000004 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.  
022 B000004 13-5674085  
022 C000004 4167  
022 D000004 0  
022 A000005 WACHOVIA SECURITIES, LLC  
022 B000005 34-1542819  
022 C000005 3659

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

022	D000005	0
022	A000006	MORGAN STANLEY & CO., INC.
022	B000006	13-2655998
022	C000006	3636
022	D000006	0
022	A000007	LEHMAN BROTHERS, INC.
022	B000007	13-2518466
022	C000007	2608
022	D000007	0
022	A000008	KEY BANC CAPITAL MARKETS
022	C000008	357
022	D000008	0
022	C000009	0
022	D000009	0
022	C000010	0
022	D000010	0
023	C000000	675585
023	D000000	872561
024	000000	N
025	D000001	0
025	D000002	0
025	D000003	0
025	D000004	0
025	D000005	0
025	D000006	0
	PAGE	5
025	D000007	0
025	D000008	0
026	A000000	N
026	B000000	Y
026	C000000	N
026	D000000	Y
026	E000000	N
026	F000000	Y
026	G010000	N
026	G020000	N
026	H000000	N
027	000000	N
028	A010000	0
028	A020000	0
028	A030000	0
028	A040000	0
028	B010000	0
028	B020000	0
028	B030000	0
028	B040000	0
028	C010000	0
028	C020000	0
028	C030000	0
028	C040000	0
028	D010000	0
028	D020000	0
028	D030000	0
028	D040000	0
028	E010000	0
028	E020000	0
028	E030000	0
028	E040000	0
028	F010000	0
028	F020000	0
028	F030000	0
028	F040000	0

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

028 G010000 0  
 028 G020000 0  
 028 G030000 0  
 028 G040000 0  
 028 H000000 0  
 030 A000000 0  
 030 B000000 0.00  
 030 C000000 0.00  
 031 A000000 0  
 031 B000000 0  
 032 000000 0  
 033 000000 0  
 035 000000 0  
 036 B000000 0  
 038 000000 0

PAGE 6

042 A000000 0  
 042 B000000 0  
 042 C000000 0  
 042 D000000 0  
 042 E000000 0  
 042 F000000 0  
 042 G000000 0  
 042 H000000 0  
 043 000000 0  
 044 000000 0  
 045 000000 Y  
 046 000000 N  
 047 000000 N  
 048 000000 0.000  
 048 A010000 0  
 048 A020000 0.000  
 048 B010000 0  
 048 B020000 0.000  
 048 C010000 0  
 048 C020000 0.000  
 048 D010000 0  
 048 D020000 0.000  
 048 E010000 0  
 048 E020000 0.000  
 048 F010000 0  
 048 F020000 0.000  
 048 G010000 0  
 048 G020000 0.000  
 048 H010000 0  
 048 H020000 0.000  
 048 I010000 0  
 048 I020000 0.000  
 048 J010000 0  
 048 J020000 0.000  
 048 K010000 0  
 048 K020000 0.000  
 049 000000 N  
 050 000000 N  
 051 000000 Y  
 052 000000 N  
 053 A000000 N  
 054 A000000 Y  
 054 B000000 Y  
 054 C000000 Y  
 054 D000000 N  
 054 E000000 N

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

054 F000000 N  
054 G000000 Y  
054 H000000 Y  
054 I000000 N  
054 J000000 Y  
PAGE 7  
054 K000000 N  
054 L000000 N  
054 M000000 Y  
054 N000000 N  
054 O000000 N  
055 A000000 N  
055 B000000 Y  
056 000000 N  
057 000000 N  
058 A000000 N  
059 000000 Y  
060 A000000 N  
060 B000000 N  
061 000000 0  
062 A000000 N  
062 B000000 0.0  
062 C000000 0.0  
062 D000000 0.0  
062 E000000 0.0  
062 F000000 0.0  
062 G000000 0.0  
062 H000000 0.0  
062 I000000 0.0  
062 J000000 0.0  
062 K000000 0.0  
062 L000000 0.0  
062 M000000 0.0  
062 N000000 0.0  
062 O000000 0.0  
062 P000000 0.0  
062 Q000000 0.0  
062 R000000 0.0  
063 A000000 0  
063 B000000 0.0  
066 A000000 Y  
066 B000000 N  
066 C000000 N  
066 D000000 N  
066 E000000 N  
066 F000000 N  
066 G000000 Y  
067 000000 N  
068 A000000 N  
068 B000000 N  
069 000000 N  
070 A010000 Y  
070 A020000 Y  
070 B010000 Y  
070 B020000 Y  
070 C010000 Y  
070 C020000 N  
PAGE 8  
070 D010000 Y  
070 D020000 N  
070 E010000 Y  
070 E020000 N

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

070	F010000	Y	
070	F020000	N	
070	G010000	Y	
070	G020000	N	
070	H010000	Y	
070	H020000	N	
070	I010000	N	
070	I020000	N	
070	J010000	Y	
070	J020000	Y	
070	K010000	Y	
070	K020000	N	
070	L010000	Y	
070	L020000	N	
070	M010000	N	
070	M020000	N	
070	N010000	Y	
070	N020000	N	
070	O010000	Y	
070	O020000	Y	
070	P010000	N	
070	P020000	N	
070	Q010000	Y	
070	Q020000	N	
070	R010000	Y	
070	R020000	N	
071	A000000		319674
071	B000000		80917
071	C000000		1966198
071	D000000		4
072	A000000	6	
072	B000000		30
072	C000000		5817
072	D000000		0
072	E000000		0
072	F000000		13992
072	G000000		449
072	H000000		0
072	I000000		7
072	J000000		104
072	K000000		0
072	L000000		188
072	M000000		95
072	N000000		17
072	O000000		-7479
072	P000000		11312
072	Q000000		96
	PAGE	9	
072	R000000		184
072	S000000		119
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		745
072	X000000		19829
072	Y000000		0
072	Z000000		-13982
072AA	000000		12362
072BB	000000		0
072CC	010000		231550
072CC	020000		0
072DD	010000		36258

Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

072DD020000	0
072EE000000	0
073 A010000	0.0000
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.9500
074 A000000	0
074 B000000	1484
074 C000000	0
074 D000000	0
074 E000000	0
074 F000000	2275254
074 G000000	0
074 H000000	0
074 I000000	5397
074 J000000	1188
074 K000000	0
074 L000000	3436
074 M000000	4057
074 N000000	2290816
074 O000000	153
074 P000000	7204
074 Q000000	0
074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	820769
074 S000000	0
074 T000000	1462690
074 U010000	42855
074 U020000	0
074 V010000	34.13
074 V020000	0.00
074 W000000	0.0000
074 X000000	34
074 Y000000	0
075 A000000	0
PAGE 10	
075 B000000	1206043
076 000000	34.17
077 A000000	N
078 000000	N
080 C000000	0
081 B000000	0
082 B000000	0
083 B000000	0
084 B000000	0
086 A010000	4790
086 A020000	167602
086 B010000	0
086 B020000	0
086 C010000	0
086 C020000	0
086 D010000	0
086 D020000	0
086 E010000	0
086 E020000	0
086 F010000	0
086 F020000	0
087 A010000	KAYNE ANDERSON MLP INVESTMENT COMPANY
087 A020000	486606106
087 A030000	KYN



Edgar Filing: Kayne Anderson MLP Investment CO - Form NSAR-A

088 A000000 Y

088 B000000 N

088 C000000 N

088 D000000 Y

SIGNATURE TERRY A. HART

TITLE CFO