

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

Kayne Anderson MLP Investment CO  
Form NSAR-A  
July 29, 2011

PAGE 1  
000 A000000 05/31/2011  
000 C000000 0001293613  
000 D000000 N  
000 E000000 NF  
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 801-67089  
008 D010001 HOUSTON  
008 D020001 TX  
008 D030001 77002  
010 A000001 ULTIMUS FUND SOLUTIONS, LLC  
010 B000001 84-58290  
010 C010001 CINCINNATI  
010 C020001 OH  
010 C030001 45246  
011 A000001 CITIGROUP GLOBAL MARKETS INC.  
011 B000001 8-8177  
011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10013  
011 A000002 UBS SECURITIES LLC  
011 B000002 8-22651  
011 C010002 STAMFORD  
PAGE 2  
011 C020002 CT  
011 C030002 06901  
011 A000003 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
011 B000003 8-7221  
011 C010003 NEW YORK  
011 C020003 NY

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

011 C030003 10036  
011 A000004 MORGAN STANLEY & CO. INCORPORATED  
011 B000004 8-15869  
011 C010004 NEW YORK  
011 C020004 NY  
011 C030004 10036  
011 A000005 RBC CAPITAL MARKETS CORPORATION  
011 B000005 8-1672  
011 C010005 NY  
011 C020005 NY  
011 C030005 10006  
011 A000006 STIFEL, NICOLAUS & COMPANY, INCORPORATED  
011 B000006 8-1447  
011 C010006 ST. LOUIS  
011 C020006 MO  
011 C030006 63102  
011 A000007 ROBERT W. BAIRD & CO. INCORPORATED  
011 B000007 8-497  
011 C010007 MILWAUKEE  
011 C020007 WI  
011 C030007 53202  
011 A000008 MADISON WILLIAMS AND COMPANY LLC  
011 B000008 8-68150  
011 C010008 NY  
011 C020008 NY  
011 C030008 10022  
011 A000009 WUNDERLICH SECURITIES  
011 B000009 8-31206  
011 C010009 MEMPHIS  
011 C020009 TN  
011 C030009 38119  
011 A000010 WELLS FARGO SECURITIES, LLC  
011 B000010 8-65876  
011 C010010 CHARLOTTE  
011 C020010 NC  
011 C030010 28262  
011 A000011 DELETE  
011 A000012 DELETE  
011 A000013 DELETE  
012 A000001 AMERICAN STOCK TRANSFER & TRUST CO., LLC  
012 B000001 84-00416  
012 C010001 NEW YORK  
012 C020001 NY  
012 C030001 10038  
013 A000001 PRICEWATERHOUSECOOPERS LLP  
PAGE 3  
013 B010001 LOS ANGELES  
013 B020001 CA  
013 B030001 90071  
014 A000001 KA ASSOCIATES, INC.  
014 B000001 8-45640  
015 A000001 JPMORGAN CHASE BANK, N.A.  
015 B000001 C  
015 C010001 DALLAS  
015 C020001 TX  
015 C030001 75254  
015 E010001 X  
018 000000 Y  
019 A000000 Y  
019 B000000 4  
019 C000000 KAYNEANDER  
020 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.

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

020 B000001 13-5674085  
020 C000001 68  
020 A000002 CREDIT SUISSE SECURITIES (USA) LLC  
020 B000002 05-0546650  
020 C000002 52  
020 A000003 GOLDMAN, SACHS & CO.  
020 B000003 13-5108880  
020 C000003 35  
020 A000004 JEFFERIES & COMPANY, INC.  
020 B000004 95-2622900  
020 C000004 30  
020 A000005 RBC CAPITAL MARKETS CORPORATION  
020 B000005 13-5033225  
020 C000005 27  
020 A000006 CANTOR FITZGERALD & COMPANY  
020 B000006 13-3680184  
020 C000006 22  
020 A000007 CITIGROUP GLOBAL MARKETS, INC.  
020 B000007 11-2418191  
020 C000007 20  
020 A000008 BARCLAYS CAPITAL INC.  
020 B000008 06-1031656  
020 C000008 18  
020 A000009 WELLS FARGO BROKERAGE SERVICES LLC  
020 B000009 41-1508325  
020 C000009 18  
020 A000010 UBS SECURITIES LLC  
020 B000010 13-3873456  
020 C000010 18  
021 000000 410  
022 A000001 J.P. MORGAN SECURITIES INC.  
022 B000001 13-3299429  
022 C000001 1457097  
022 D000001 1961137  
022 A000002 WELLS FARGO BROKERAGE SERVICES LLC  
PAGE 4  
022 B000002 41-1508325  
022 C000002 58370  
022 D000002 11964  
022 A000003 BARCLAYS CAPITAL INC.  
022 B000003 06-1031656  
022 C000003 27975  
022 D000003 19771  
022 A000004 BANK OF AMERICA SECURITIES LLC  
022 B000004 56-2058405  
022 C000004 19372  
022 D000004 10550  
022 A000005 WACHOVIA SECURITIES, LLC  
022 B000005 34-1542819  
022 C000005 8417  
022 D000005 20288  
022 A000006 CITIGROUP GLOBAL MARKETS, INC.  
022 B000006 11-2418191  
022 C000006 25152  
022 D000006 0  
022 A000007 MORGAN STANLEY & CO. INCORPORATED  
022 B000007 13-2655998  
022 C000007 22732  
022 D000007 0  
022 A000008 GOLDMAN, SACHS & CO.  
022 B000008 13-5108880  
022 C000008 16002

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

022 D000008 4090  
022 A000009 UBS SECURITIES LLC  
022 B000009 13-3873456  
022 C000009 10520  
022 D000009 6418  
022 A000010 CREDIT SUISSE SECURITIES (USA) LLC  
022 B000010 05-0546650  
022 C000010 4644  
022 D000010 5475  
023 C000000 1658694  
023 D000000 2047181  
024 000000 Y  
025 A000001 J.P. MORGAN SECURITIES INC.  
025 B000001 13-3299429  
025 C000001 D  
025 D000001 17069  
025 D000002 0  
025 D000003 0  
025 D000004 0  
025 D000005 0  
025 D000006 0  
025 D000007 0  
025 D000008 0  
025 D000009 0  
025 D000010 0

PAGE 5

025 D000011 0  
025 D000012 0  
025 D000013 0  
025 D000014 0  
025 D000015 0  
025 D000016 0  
025 D000017 0  
025 D000018 0  
025 D000019 0  
025 D000020 0  
025 D000021 0  
025 D000022 0  
025 D000023 0  
025 D000024 0  
025 D000025 0  
025 D000026 0  
025 D000027 0  
025 D000028 0  
025 D000029 0  
025 D000030 0  
025 D000031 0  
025 D000032 0  
025 D000033 0  
025 D000034 0  
025 D000035 0  
025 D000036 0  
025 D000037 0  
025 D000038 0  
025 D000039 0  
025 D000040 0  
025 D000041 0  
025 D000042 0  
025 D000043 0  
025 D000044 0  
025 D000045 0  
025 D000046 0

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

|     |         |      |
|-----|---------|------|
| 025 | D000047 | 0    |
| 025 | D000048 | 0    |
| 025 | D000049 | 0    |
| 025 | D000050 | 0    |
| 025 | D000051 | 0    |
| 025 | D000052 | 0    |
| 025 | D000053 | 0    |
| 025 | D000054 | 0    |
| 025 | D000055 | 0    |
| 025 | D000056 | 0    |
| 026 | A000000 | N    |
| 026 | B000000 | Y    |
| 026 | C000000 | N    |
| 026 | D000000 | Y    |
| 026 | E000000 | N    |
|     | PAGE    | 6    |
| 026 | F000000 | N    |
| 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    |
| 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    |
| 042 | A000000 | 0    |
| 042 | B000000 | 0    |

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

042 C000000 0  
042 D000000 0  
042 E000000 0  
042 F000000 0  
042 G000000 0  
PAGE 7  
042 H000000 0  
043 000000 0  
044 000000 0  
045 000000 Y  
046 000000 N  
047 000000 Y  
048 000000 1.375  
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 N  
052 000000 N  
053 A000000 N  
054 A000000 Y  
054 B000000 Y  
054 C000000 Y  
054 D000000 N  
054 E000000 N  
054 F000000 N  
054 G000000 Y  
054 H000000 Y  
054 I000000 N  
054 J000000 Y  
054 K000000 N  
054 L000000 N  
054 M000000 Y  
054 N000000 N  
054 O000000 N  
055 A000000 N  
055 B000000 Y  
PAGE 8  
056 000000 Y  
057 000000 N  
058 A000000 N  
059 000000 Y

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

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  
070 D010000 Y  
070 D020000 N  
070 E010000 Y  
070 E020000 N  
070 F010000 Y  
070 F020000 N  
070 G010000 Y  
PAGE 9  
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

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

|       |         |    |         |
|-------|---------|----|---------|
| 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 |    | 753116  |
| 071   | B000000 |    | 348902  |
| 071   | C000000 |    | 3276527 |
| 071   | D000000 |    | 11      |
| 072   | A000000 |    | 6       |
| 072   | B000000 |    | 1792    |
| 072   | C000000 |    | 11025   |
| 072   | D000000 |    | 0       |
| 072   | E000000 |    | 0       |
| 072   | F000000 |    | 22560   |
| 072   | G000000 |    | 621     |
| 072   | H000000 |    | 0       |
| 072   | I000000 |    | 7       |
| 072   | J000000 |    | 188     |
| 072   | K000000 |    | 0       |
| 072   | L000000 |    | 138     |
| 072   | M000000 |    | 112     |
| 072   | N000000 |    | 39      |
| 072   | O000000 |    | -12497  |
| 072   | P000000 |    | 16159   |
| 072   | Q000000 |    | 110     |
| 072   | R000000 |    | 213     |
| 072   | S000000 |    | 72      |
| 072   | T000000 |    | 0       |
| 072   | U000000 |    | 0       |
| 072   | V000000 |    | 0       |
| 072   | W000000 |    | 5526    |
| 072   | X000000 |    | 33248   |
|       | PAGE    | 10 |         |
| 072   | Y000000 |    | 0       |
| 072   | Z000000 |    | -20431  |
| 072AA | 000000  |    | 85232   |
| 072BB | 000000  |    | 0       |
| 072CC | 010000  |    | 51017   |
| 072CC | 020000  |    | 0       |
| 072DD | 010000  |    | 64801   |
| 072DD | 020000  |    | 0       |
| 072EE | 000000  |    | 0       |
| 073   | A010000 |    | 0.9497  |
| 073   | A020000 |    | 0.0000  |
| 073   | B000000 |    | 0.0000  |
| 073   | C000000 |    | 0.0303  |
| 074   | A000000 |    | 627     |
| 074   | B000000 |    | 17069   |
| 074   | C000000 |    | 0       |
| 074   | D000000 |    | 61745   |
| 074   | E000000 |    | 0       |
| 074   | F000000 |    | 3482568 |
| 074   | G000000 |    | 0       |
| 074   | H000000 |    | 0       |
| 074   | I000000 |    | 0       |
| 074   | J000000 |    | 9246    |
| 074   | K000000 |    | 0       |

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

|           |               |                                       |
|-----------|---------------|---------------------------------------|
| 074       | L000000       | 1430                                  |
| 074       | M000000       | 10356                                 |
| 074       | N000000       | 3583041                               |
| 074       | O000000       | 5168                                  |
| 074       | P000000       | 11880                                 |
| 074       | Q000000       | 775000                                |
| 074       | R010000       | 0                                     |
| 074       | R020000       | 0                                     |
| 074       | R030000       | 77                                    |
| 074       | R040000       | 476070                                |
| 074       | S000000       | 260000                                |
| 074       | T000000       | 2054846                               |
| 074       | U010000       | 74627                                 |
| 074       | U020000       | 0                                     |
| 074       | V010000       | 27.53                                 |
| 074       | V020000       | 0.00                                  |
| 074       | W000000       | 0.0000                                |
| 074       | X000000       | 48                                    |
| 074       | Y000000       | 8133                                  |
| 075       | A000000       | 0                                     |
| 075       | B000000       | 1949748                               |
| 076       | 000000        | 29.43                                 |
| 077       | A000000       | Y                                     |
| 077       | C000000       | Y                                     |
| 077       | I000000       | Y                                     |
| 077       | Q010000       | Y                                     |
| 080       | C000000       | 0                                     |
|           | PAGE          | 11                                    |
| 081       | B000000       | 0                                     |
| 082       | B000000       | 0                                     |
| 083       | B000000       | 0                                     |
| 084       | B000000       | 0                                     |
| 086       | A010000       | 6156                                  |
| 086       | A020000       | 180015                                |
| 086       | B010000       | 0                                     |
| 086       | B020000       | 0                                     |
| 086       | C010000       | 4000                                  |
| 086       | C020000       | 100000                                |
| 086       | D010000       | 0                                     |
| 086       | D020000       | 0                                     |
| 086       | E010000       | 230000                                |
| 086       | E020000       | 230000                                |
| 086       | F010000       | 75000                                 |
| 086       | F020000       | 75000                                 |
| 087       | A010000       | KAYNE ANDERSON MLP INVESTMENT COMPANY |
| 087       | A020000       | 486606106                             |
| 087       | A030000       | KYN                                   |
| 088       | A000000       | Y                                     |
| 088       | B000000       | N                                     |
| 088       | C000000       | N                                     |
| 088       | D000000       | Y                                     |
| SIGNATURE | TERRY A. HART |                                       |
| TITLE     | CFO           |                                       |