

**MONTANA**  
BOARD OF INVESTMENTS

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# **Investment Holdings**

As of June 30, 2021

## Transparency of the Montana Investment Holdings

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The Montana Board of Investment's holdings file is a comprehensive listing of all manager funds, separately managed and commingled, and aggregated security positions. Securities are organized across common categories: Pension Pool, Asset Class, Manager Fund, Aggregated Individual Holdings, and Non-Pension Pools. Market values shown are in U.S. dollars. The market values shown in this document are for the individual investment holdings only and do not include any information on accounts for receivables or payables. Aggregated Individual Holdings represent securities held at our custodian bank and individual commingled accounts. The Investment Holdings Report is unaudited and may be subject to change.

The audited Unified Investment Program Financial Statements will be made available once the Legislative Audit Division issues the Audit Opinion. Once issued, the Legislative Audit Division will have the Audit Opinion available online at <http://leg.mt.gov/css/publications/audit/reports.asp> and the complete audited financial statements will also be available on the Board's website <http://investmentmt.com/AnnualReportsAudits>.

Additional information can be found at [www.investmentmt.com](http://www.investmentmt.com)

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**Pensions**  
**Asset Class Holdings**

<b>Asset Class</b>	<b>Market Value</b>
<b>DOMESTIC EQUITY</b>	<b>\$4,502,022,704</b>
<b>INTERNATIONAL EQUITY</b>	<b>\$2,522,530,004</b>
<b>PRIVATE INVESTMENTS</b>	<b>\$2,144,265,319</b>
<b>REAL ASSETS</b>	<b>\$650,949,427</b>
<b>REAL ESTATE</b>	<b>\$1,355,314,523</b>
<b>CORE FIXED INCOME</b>	<b>\$2,105,664,482</b>
<b>NON-CORE FIXED INCOME</b>	<b>\$891,648,354</b>
<b>CASH EQUIVALENTS</b>	<b>\$368,611,504</b>
<b>Total Pensions</b>	<b>\$14,541,006,317</b>

**Domestic Equity Asset Class  
Manager Holdings**

<b>Security Name</b>	<b>Market Value</b>
<b>BlackRock</b>	<b>\$1,467,339,069</b>
<b>Northern Trust</b>	<b>\$1,192,334,527</b>
<b>T. Rowe Price</b>	<b>\$240,562,193</b>
<b>J.P. Morgan</b>	<b>\$516,719,641</b>
<b>Jacobs Levy Equity Management</b>	<b>\$583,944,633</b>
<b>Dimensional Fund Advisors</b>	<b>\$244,778,309</b>
<b>Vaughan Nelson Investment Management</b>	<b>\$232,607,422</b>
<b>State Street Global Advisors (ETF &amp; Cash)</b>	<b>\$23,736,910</b>
<b>Total Holdings</b>	<b>\$4,502,022,704</b>

Domestic Equity Asset Class	
Security Holdings	
Security Name	Market Value
10X GENOMICS INC CLASS A	-\$791,504
3M CO	\$5,323,483
ABBOTT LABORATORIES	\$14,603,007
ABBVIE INC	\$19,476,019
ABIOMED INC	\$899,813
ACCENTURE PLC CL A	\$13,307,410
ACTIVISION BLIZZARD INC	\$4,669,211
ACUITY BRANDS INC	-\$1,478,472
ADOBE INC	\$17,683,985
ADVANCE AUTO PARTS INC	\$842,305
ADVANCED MICRO DEVICES	\$15,456,651
AES CORP	\$1,096,739
AFLAC INC	\$2,212,992
AGCO CORP	\$3,122,471
AGILENT TECHNOLOGIES INC	\$347,649
AGNC INVESTMENT CORP	\$583,262
AIR PRODUCTS + CHEMICALS INC	\$7,230,261
AIRBNB INC CLASS A	\$646,710
AKAMAI TECHNOLOGIES INC	\$1,200,980
ALAMO GROUP INC	\$3,404,764
ALBEMARLE CORP	\$1,371,938
ALBERTSONS COS INC CLASS A	\$3,205,897
ALEXANDRIA REAL ESTATE EQUIT	\$1,703,140
ALEXION PHARMACEUTICALS INC	\$2,554,671
ALIGN TECHNOLOGY INC	\$2,893,085
ALLEGHANY CORP	\$6,112,362
ALLEGION PLC	\$803,622
ALLIANT ENERGY CORP	\$888,313
ALLSTATE CORP	\$9,838,176
ALLY FINANCIAL INC	\$7,687,571
ALNYLAM PHARMACEUTICALS INC	\$1,246,820
ALPHABET INC CL A	\$70,741,098
ALPHABET INC CL C	\$92,926,827
ALTICE USA INC A	\$5,534,879
ALTRIA GROUP INC	\$6,216,852
AMAZON.COM INC	\$158,698,021
AMC ENTERTAINMENT HLDS CL A	-\$12,616,061
AMCOR PLC	\$1,134,471
AMERCO	\$5,550,380
AMEREN CORPORATION	\$2,175,647
AMERICAN AIRLINES GROUP INC	-\$2,451,685
AMERICAN CAMPUS COMMUNITIES	\$2,907,946
AMERICAN ELECTRIC POWER	\$1,691,292
AMERICAN EXPRESS CO	\$11,444,821

AMERICAN FINANCIAL GROUP INC	\$572,714
AMERICAN HOMES 4 RENT A	\$1,033,332
AMERICAN INTERNATIONAL GROUP	\$3,654,395
AMERICAN TOWER CORP	\$8,628,272
AMERICAN WATER WORKS CO INC	\$1,767,100
AMERIPRISE FINANCIAL INC	\$2,322,548
AMERISOURCEBERGEN CORP	\$7,352,777
AMETEK INC	\$1,944,695
AMGEN INC	\$7,887,263
AMPHENOL CORP CL A	\$2,265,055
ANALOG DEVICES INC	\$12,542,372
ANNALY CAPITAL MANAGEMENT IN	\$778,385
ANSYS INC	\$1,894,948
ANTHEM INC	\$17,682,303
AON PLC CLASS A	\$3,401,375
APA CORP	\$441,728
APARTMENT INCOME REIT CO	\$116,773
APOLLO GLOBAL MANAGEMENT INC	-\$2,845,526
APPLE INC	\$205,272,635
APPLIED MATERIALS INC	\$8,419,400
APTIV PLC	\$3,421,298
ARAMARK	\$532,526
ARCH CAPITAL GROUP LTD	\$997,915
ARCHER DANIELS MIDLAND CO	\$10,127,169
ARCONIC CORP	\$1,585,624
ARES MANAGEMENT CORP A	-\$3,418,344
ARISTA NETWORKS INC	\$1,302,504
ARMSTRONG WORLD INDUSTRIES	-\$2,740,600
ARROW ELECTRONICS INC	\$6,302,426
ARROWHEAD PHARMACEUTICALS IN	-\$420,229
ARTHUR J GALLAGHER + CO	\$2,194,633
ASGN INC	\$4,742,300
ASPEN TECHNOLOGY INC	-\$3,262,586
ASSURANT INC	\$782,462
ASTRAZENECA PLC SPONS ADR	\$1,185,900
AT+T INC	\$13,387,737
ATHENE HOLDING LTD CLASS A	\$576,248
ATMOS ENERGY CORP	\$777,722
AUTODESK INC	\$4,052,740
AUTOLIV INC	-\$315,276
AUTOMATIC DATA PROCESSING	\$5,097,980
AUTONATION INC	\$1,447,749
AUTOZONE INC	\$13,018,127
AVALARA INC	\$866,601
AVALONBAY COMMUNITIES INC	\$1,830,211
AVANTOR INC	\$5,203,280
AVERY DENNISON CORP	\$1,106,073

AVNET INC	\$5,037,174
AXALTA COATING SYSTEMS LTD	\$3,044,427
AXIS CAPITAL HOLDINGS LTD	-\$235,248
AZENTA INC	-\$1,881,589
BAKER HUGHES CO	\$5,198,214
BALL CORP	\$1,537,598
BANK OF AMERICA CORP	\$28,481,189
BANK OF NEW YORK MELLON CORP	\$12,144,276
BANKUNITED INC	\$3,322,563
BATH + BODY WORKS INC	\$1,073,550
BAXTER INTERNATIONAL INC	\$1,224,647
BECTON DICKINSON AND CO	\$5,897,601
BENTLEY SYSTEMS INC CLASS B	\$707,592
BERKSHIRE HATHAWAY INC CL B	\$26,807,885
BEST BUY CO INC	\$8,930,727
BIO RAD LABORATORIES A	-\$2,302,048
BIO TECHNE CORP	-\$2,741,633
BIOGEN INC	\$7,245,700
BIOMARIN PHARMACEUTICAL INC	\$2,523,059
BLACK KNIGHT INC	\$778,864
BLACKROCK INC	\$8,419,836
BLACKSTONE INC	\$4,188,094
BLK MSCI USA SMALL CAP EQ	\$149,409,051
BLOCK INC	\$5,991,629
BOEING CO/THE	\$8,756,397
BOOKING HOLDINGS INC	\$11,437,146
BOOZ ALLEN HAMILTON HOLDINGS	\$2,282,398
BORGWARNER INC	\$731,449
BOSTON BEER COMPANY INC A	\$577,773
BOSTON PROPERTIES INC	\$1,071,073
BOSTON SCIENTIFIC CORP	\$8,160,019
BRIGHTHOUSE FINANCIAL INC	\$2,958,916
BRISTOL MYERS SQUIBB CO	\$15,059,624
BRIXMOR PROPERTY GROUP INC	\$1,555,192
BROADCOM INC	\$12,907,582
BROADRIDGE FINANCIAL SOLUTIO	\$1,181,430
BROWN + BROWN INC	\$3,347,129
BROWN FORMAN CORP CLASS B	\$1,263,938
BUILDERS FIRSTSOURCE INC	-\$613,664
BUMBLE INC A	-\$276,480
BUNGE LTD	\$7,985,680
BURLINGTON STORES INC	\$2,724,357
C.H. ROBINSON WORLDWIDE INC	-\$155,680
CABLE ONE INC	\$5,763,297
CACI INTERNATIONAL INC CL A	\$3,838,280
CADENCE BANK	\$3,437,562
CADENCE DESIGN SYS INC	\$2,413,231



CAESARS ENTERTAINMENT INC	-\$1,569,426
CAMDEN PROPERTY TRUST	\$1,636,086
CAMPBELL SOUP CO	-\$735,686
CANADIAN NATL RAILWAY CO	-\$840,150
CANADIAN PACIFIC RAILWAY LTD	\$789,866
CAPITAL ONE FINANCIAL CORP	\$11,266,382
CAPRI HOLDINGS LTD	\$6,044,697
CARDINAL HEALTH INC	\$4,689,829
CARLYLE GROUP INC/THE	\$471,540
CARMAX INC	\$1,479,542
CARNIVAL CORP	-\$1,659,204
CARRIER GLOBAL CORP	\$2,533,178
CARVANA CO	-\$2,556,717
CATALENT INC	-\$2,029,629
CATERPILLAR INC	\$6,028,569
CBOE GLOBAL MARKETS INC	\$1,178,952
CBRE GROUP INC A	\$2,857,638
CDW CORP/DE	\$1,961,320
CELANESE CORP	\$5,012,806
CENTENE CORP	\$6,650,851
CENTERPOINT ENERGY INC	\$3,685,160
CERIDIAN HCM HOLDING INC	\$5,209,991
CERNER CORP	\$135,139
CF INDUSTRIES HOLDINGS INC	\$826,750
CHAMPIONX CORP	\$997,400
CHARLES RIVER LABORATORIES	\$1,169,317
CHART INDUSTRIES INC	-\$833,585
CHARTER COMMUNICATIONS INC A	\$11,642,760
CHEMOURS CO/THE	\$5,281,422
CHENIERE ENERGY INC	\$8,100,562
CHEVRON CORP	\$16,107,127
CHEWY INC CLASS A	\$395,282
CHIPOTLE MEXICAN GRILL INC	\$10,263,251
CHUBB LTD	\$7,948,113
CHURCH + DWIGHT CO INC	\$1,316,564
CIENA CORP	\$3,652,167
CIGNA CORP	\$13,616,827
CIMAREX ENERGY CO	\$2,809,901
CINCINNATI FINANCIAL CORP	\$1,126,782
CINTAS CORP	\$2,276,338
CIRRUS LOGIC INC	\$4,993,309
CISCO SYSTEMS INC	\$15,818,645
CITIGROUP INC	\$9,286,857
CITIZENS FINANCIAL GROUP	\$1,002,489
CITRIX SYSTEMS INC	\$909,781
CLARIVATE PLC	\$781,714
CLEAN HARBORS INC	\$786,754

CLEVELAND CLIFFS INC	-\$1,402,823
CLOROX COMPANY	-\$1,407,076
CLOUDFLARE INC CLASS A	\$1,503,140
CMC MATERIALS INC	\$3,514,503
CME GROUP INC	\$8,205,620
CMS ENERGY CORP	\$1,261,417
COCA COLA CO/THE	\$20,807,027
COGNEX CORP	-\$101,364
COGNIZANT TECH SOLUTIONS A	\$2,480,201
COLGATE PALMOLIVE CO	\$3,551,497
COMCAST CORP CLASS A	\$26,171,040
COMMSCOPE HOLDING CO INC	\$7,006,685
COMSTOCK RESOURCES INC	\$979,323
CONAGRA BRANDS INC	\$511,175
CONOCOPHILLIPS	\$14,245,728
CONSOLIDATED EDISON INC	-\$579,641
CONSTELLATION BRANDS INC A	\$2,510,809
COOPER COS INC/THE	\$1,347,318
COPART INC	\$1,772,323
CORNING INC	\$1,981,646
CORTEVA INC	\$9,960,034
COSTAR GROUP INC	\$2,245,250
COSTCO WHOLESALE CORP	\$15,757,953
COTY INC CL A	\$3,609,256
COUPA SOFTWARE INC	\$1,771,864
COUSINS PROPERTIES INC	\$969,594
CROWDSTRIKE HOLDINGS INC A	\$2,833,772
CROWN CASTLE INTL CORP	\$5,126,253
CROWN HOLDINGS INC	\$866,332
CSX CORP	\$7,681,492
CUMMINS INC	\$3,201,225
CVS HEALTH CORP	\$12,715,755
DANAHER CORP	\$13,115,827
DARDEN RESTAURANTS INC	\$2,526,503
DARLING INGREDIENTS INC	\$88,290
DATADOG INC CLASS A	\$1,157,266
DAVITA INC	\$545,066
DEERE + CO	\$11,512,102
DELL TECHNOLOGIES C	\$11,934,087
DELTA AIR LINES INC	\$426,154
DENTSPLY SIRONA INC	\$870,078
DEVON ENERGY CORP	\$43,084
DEXCOM INC	\$2,594,452
DIAMONDBACK ENERGY INC	\$7,601,522
DIGITAL REALTY TRUST INC	\$2,657,575
DIMENSIONAL FUND ADVISORS INC	\$244,778,309
DISCOVER FINANCIAL SERVICES	\$1,251,272

DISCOVERY INC A	-\$1,540,473
DISCOVERY INC C	\$2,600,839
DISH NETWORK CORP A	\$702,198
DOCUSIGN INC	\$3,288,302
DOLLAR GENERAL CORP	\$3,888,312
DOLLAR TREE INC	\$1,741,051
DOMINION ENERGY INC	\$3,622,366
DOMINO S PIZZA INC	\$7,418,590
DOORDASH INC A	\$394,644
DOVER CORP	\$1,891,084
DOW INC	\$11,467,285
DR HORTON INC	\$1,968,530
DRAFTKINGS INC CL A	\$578,200
DROPBOX INC CLASS A	\$7,291,343
DTE ENERGY COMPANY	\$1,587,082
DUKE ENERGY CORP	\$5,502,752
DUKE REALTY CORP	\$106,774
DUPONT DE NEMOURS INC	\$6,779,568
DXC TECHNOLOGY CO	\$4,613,611
DYNATRACE INC	\$673,232
EASTMAN CHEMICAL CO	\$4,052,276
EATON CORP PLC	\$8,763,217
EBAY INC	\$3,011,869
EHOSTAR CORP A	\$1,856,242
ECOLAB INC	\$3,335,890
EDISON INTERNATIONAL	\$1,386,003
EDWARDS LIFESCIENCES CORP	\$4,077,758
ELANCO ANIMAL HEALTH INC	\$2,239,344
ELECTRONIC ARTS INC	\$13,594,524
ELEMENT SOLUTIONS INC	\$7,902,206
ELI LILLY + CO	\$22,398,168
EMCOR GROUP INC	\$1,683,268
EMERGENT BIOSOLUTIONS INC	\$1,475,604
EMERSON ELECTRIC CO	\$3,646,052
ENBRIDGE INC	-\$1,891,410
ENDEAVOR GROUP HOLD CLASS A	\$1,212,811
ENPHASE ENERGY INC	\$1,418,358
ENTERGY CORP	\$1,712,846
ENVISTA HOLDINGS CORP	\$3,135,490
EOG RESOURCES INC	\$3,904,324
EPAM SYSTEMS INC	\$1,809,820
EQT CORP	\$1,303,278
EQUIFAX INC	\$2,392,465
EQUINIX INC	\$5,188,809
EQUITABLE HOLDINGS INC	\$1,254,631
EQUITY LIFESTYLE PROPERTIES	\$912,007
EQUITY RESIDENTIAL	\$1,165,164

ERIE INDEMNITY COMPANY CL A	\$311,487
ESSENTIAL UTILITIES INC	\$218,857
ESSEX PROPERTY TRUST INC	\$1,235,441
ESTEE LAUDER COMPANIES CL A	\$9,881,155
ETSY INC	\$1,641,162
EVEREST RE GROUP LTD	\$5,065,401
EVERGY INC	\$1,692,040
EVERI HOLDINGS INC	\$3,168,128
EVERSOURCE ENERGY	\$2,044,676
EXACT SCIENCES CORP	-\$1,426,582
EXELON CORP	\$2,727,369
EXLSERVICE HOLDINGS INC	\$4,507,018
EXPEDIA GROUP INC	\$1,432,299
EXPEDITORS INTL WASH INC	\$1,195,737
EXTRA SPACE STORAGE INC	\$1,348,894
EXXON MOBIL CORP	\$15,219,059
F5 INC	\$731,707
FABRINET	\$6,296,742
FACTSET RESEARCH SYSTEMS INC	\$811,841
FAIR ISAAC CORP	\$933,477
FASTENAL CO	\$855,244
FASTLY INC CLASS A	-\$417,558
FATE THERAPEUTICS INC	-\$1,387,165
FEDERAL REALTY INVS TRUST	-\$1,025,003
FEDERAL SIGNAL CORP	\$4,826,594
FEDEX CORP	\$6,889,633
FERRARI NV	\$578,794
FIDELITY NATIONAL FINANCIAL	\$772,284
FIDELITY NATIONAL INFO SERV	\$8,552,335
FIFTH THIRD BANCORP	\$3,108,940
FIRST AMERICAN FINANCIAL	\$2,535,775
FIRST HORIZON CORP	-\$695,347
FIRST REPUBLIC BANK/CA	\$2,059,993
FIRSTENERGY CORP	\$8,785,802
FISERV INC	\$7,366,966
FLEETCOR TECHNOLOGIES INC	\$3,484,721
FLOWSERVE CORP	\$215,672
FMC CORP	\$4,855,367
FORD MOTOR CO	\$14,184,999
FORTINET INC	\$10,824,545
FORTIVE CORP	\$2,143,877
FORTUNE BRANDS HOME + SECURI	\$1,272,817
FOX CORP CLASS A	\$6,826,388
FOX CORP CLASS B	\$344,397
FOX FACTORY HOLDING CORP	-\$3,068,370
FRANKLIN RESOURCES INC	\$607,362
FREEMPORT MCMORAN INC	\$5,450,494

FRESHPET INC	-\$2,555,702
FRONTDOOR INC	\$1,664,287
FTI CONSULTING INC	\$2,885,886
GAMESTOP CORP CLASS A	-\$4,197,358
GARMIN LTD	\$1,397,512
GARTNER INC	\$1,368,914
GATX CORP	\$2,561,649
GENERAC HOLDINGS INC	\$1,649,391
GENERAL DYNAMICS CORP	\$2,887,908
GENERAL ELECTRIC CO	\$7,811,726
GENERAL MILLS INC	\$2,102,390
GENERAL MOTORS CO	\$14,661,143
GENUINE PARTS CO	\$1,153,912
GIBRALTAR INDUSTRIES INC	\$2,588,054
GILEAD SCIENCES INC	\$15,035,168
GLOBAL PAYMENTS INC	\$4,616,860
GLOBE LIFE INC	\$587,407
GODADDY INC CLASS A	\$6,807,403
GOHEALTH INC CLASS A	-\$1,216,745
GOLDMAN SACHS GROUP INC	\$9,198,289
GRAND CANYON EDUCATION INC	\$1,918,880
GROUP 1 AUTOMOTIVE INC	\$3,240,714
GUIDEWIRE SOFTWARE INC	\$570,814
H+R BLOCK INC	\$2,315,692
HAIN CELESTIAL GROUP INC	\$1,459,646
HALLIBURTON CO	\$496,386
HARTFORD FINANCIAL SVCS GRP	\$3,757,551
HASBRO INC	\$783,949
HAWAIIAN ELECTRIC INDS	\$1,978,704
HCA HEALTHCARE INC	\$4,107,717
HEALTHEQUITY INC	-\$2,380,518
HEALTHPEAK PROPERTIES INC	\$1,135,322
HEICO CORP	\$384,381
HEICO CORP CLASS A	\$570,731
HENRY SCHEIN INC	\$178,798
HERSHEY CO/THE	\$3,960,505
HESS CORP	\$62,521
HEWLETT PACKARD ENTERPRISE	\$9,287,985
HEXCEL CORP	-\$3,655,392
HILTON WORLDWIDE HOLDINGS IN	\$3,812,678
HOLLYFRONTIER CORP	\$1,192,855
HOLOGIC INC	\$3,218,973
HOME DEPOT INC	\$26,763,481
HONEYWELL INTERNATIONAL INC	\$10,682,564
HORIZON THERAPEUTICS PLC	-\$1,882,351
HORMEL FOODS CORP	\$890,824
HOST HOTELS + RESORTS INC	\$1,847,856

HOWARD HUGHES CORP/THE	\$3,019,213
HOWMET AEROSPACE INC	\$4,954,580
HP INC	\$4,421,326
HUBBELL INC	-\$517,920
HUBSPOT INC	\$1,612,969
HUMANA INC	\$14,077,168
HUNT (JB) TRANSPRT SVCS INC	\$696,774
HUNTINGTON BANCSHARES INC	\$1,520,155
HUNTINGTON INGALLS INDUSTRIE	\$4,770,326
HUNTSMAN CORP	\$2,724,320
IAC/INTERACTIVECORP	\$3,725,056
IDEX CORP	\$1,052,279
IDEXX LABORATORIES INC	\$3,407,212
IHS MARKIT LTD	\$2,943,130
II VI INC	\$1,477,134
ILLINOIS TOOL WORKS	\$2,625,936
ILLUMINA INC	\$4,352,586
INCYTE CORP	\$7,089,551
INFOSYS LTD SP ADR	-\$738,895
INGERSOLL RAND INC	\$6,590,961
INGREDION INC	\$4,769,712
INSIGHT ENTERPRISES INC	\$8,169,817
INSTALLED BUILDING PRODUCTS	\$1,834,176
INSULET CORP	\$1,158,707
INTEL CORP	\$24,636,365
INTERACTIVE BROKERS GRO CL A	\$2,238,369
INTERCONTINENTAL EXCHANGE IN	\$5,034,898
INTERNATIONAL GAME TECHNOLOG	\$4,554,724
INTERNATIONAL PAPER CO	-\$151,190
INTERPUBLIC GROUP OF COS INC	-\$1,745,688
INTL BUSINESS MACHINES CORP	\$18,374,324
INTL FLAVORS + FRAGRANCES	-\$524,394
INTUIT INC	\$22,066,963
INTUITIVE SURGICAL INC	\$9,745,425
INVESCO LTD	\$744,778
INVITAE CORP	-\$1,974,824
INVITATION HOMES INC	\$2,674,327
IONIS PHARMACEUTICALS INC	\$2,082,457
IPG PHOTONICS CORP	\$487,300
IQVIA HOLDINGS INC	\$2,938,130
IRON MOUNTAIN INC	-\$1,421,360
ISHARES CORE S+P MID CAP ETF	\$39,080,598
ISHARES RUSSELL 2000 ETF	\$1,147
JABIL INC	\$3,297,438
JACK HENRY + ASSOCIATES INC	\$781,905
JACOBS ENGINEERING GROUP INC	\$1,092,576
JAZZ PHARMACEUTICALS PLC	\$6,962,600

JM SMUCKER CO/THE	\$891,312
JOHNSON + JOHNSON	\$28,952,067
JOHNSON CONTROLS INTERNATION	\$4,063,376
JPMORGAN CHASE + CO	\$30,894,599
JUNIPER NETWORKS INC	\$6,531,207
KANSAS CITY SOUTHERN	\$1,623,143
KB HOME	\$810,572
KELLOGG CO	-\$442,526
KEURIG DR PEPPER INC	\$2,108,409
KEYCORP	\$709,844
KEYSIGHT TECHNOLOGIES IN	\$1,940,470
KIMBERLY CLARK CORP	\$3,268,513
KIMCO REALTY CORP	\$500,337
KINDER MORGAN INC	\$11,252,413
KKR + CO INC	\$2,330,146
KLA CORP	\$3,294,946
KNIGHT SWIFT TRANSPORTATION	\$455,327
KRAFT HEINZ CO/THE	\$1,734,006
KROGER CO	\$3,915,857
L3HARRIS TECHNOLOGIES INC	\$3,291,532
LABORATORY CRP OF AMER HLDGS	\$1,700,615
LAM RESEARCH CORP	\$22,115,341
LAMB WESTON HOLDINGS INC	\$748,928
LAS VEGAS SANDS CORP	\$2,474,059
LEAR CORP	\$4,926,946
LEGGETT + PLATT INC	-\$3,110,465
LEIDOS HOLDINGS INC	\$5,540,684
LENNAR CORP A	\$1,719,252
LENNOX INTERNATIONAL INC	\$215,040
LIBERTY BROADBAND A	-\$1,592,906
LIBERTY BROADBAND C	\$2,443,917
LIBERTY GLOBAL PLC C	\$623,110
LIBERTY GLOBAL PLC A	\$6,382,736
LIBERTY MEDIA COR SIRIUSXM A	\$4,322,671
LIBERTY MEDIA COR SIRIUSXM C	\$497,022
LIBERTY MEDIA CORP LIBERTY A	\$726,714
LIBERTY MEDIA CORP LIBERTY C	\$591,103
LINCOLN NATIONAL CORP	\$716,627
LINDE PLC	\$16,917,265
LIVE NATION ENTERTAINMENT IN	\$897,184
LKQ CORP	\$894,278
LOCKHEED MARTIN CORP	\$16,239,917
LOEWS CORP	\$777,014
LOWE S COS INC	\$17,337,039
LPL FINANCIAL HOLDINGS INC	\$4,965,239
LULULEMON ATHLETICA INC	\$3,178,159
LUMEN TECHNOLOGIES INC	\$2,966,004

LYFT INC A	\$7,196,334
LYONDELLBASELL INDU CL A	\$1,505,502
M + T BANK CORP	\$1,181,080
MACQUARIE INFRASTRUCTURE HOL	\$589,014
MACY S INC	-\$437,256
MADISON SQUARE GARDEN SPORTS	\$4,569,308
MAGNA INTERNATIONAL INC	\$3,603,325
MANPOWERGROUP INC	\$6,653,609
MARATHON OIL CORP	-\$406,720
MARATHON PETROLEUM CORP	\$2,828,502
MARKEL CORP	\$6,604,041
MARKETAXESS HOLDINGS INC	\$1,345,338
MARRIOTT INTERNATIONAL CL A	\$2,996,204
MARSH + MCLENNAN COS	\$5,598,923
MARTIN MARIETTA MATERIALS	\$1,385,780
MARVELL TECHNOLOGY INC	-\$935,147
MASCO CORP	\$961,765
MASIMO CORP	\$806,389
MASTERCARD INC A	\$37,605,365
MATCH GROUP INC	\$2,591,126
MAXIM INTEGRATED PRODUCTS	\$2,024,703
MCCORMICK + CO NON VTG SHRS	\$1,390,157
MCDONALD S CORP	\$15,212,770
MCKESSON CORP	\$9,578,638
MEDICAL PROPERTIES TRUST INC	\$734,534
MEDTRONIC PLC	\$17,163,207
MERCADOLIBRE INC	\$4,416,335
MERCK + CO. INC.	\$13,109,533
META PLATFORMS INC CLASS A	\$77,657,551
METLIFE INC	\$3,466,811
METTLER TOLEDO INTERNATIONAL	\$2,044,762
MGM RESORTS INTERNATIONAL	\$1,425,704
MICROCHIP TECHNOLOGY INC	\$505,672
MICRON TECHNOLOGY INC	\$7,359,268
MICROSOFT CORP	\$189,447,684
MID AMERICA APARTMENT COMM	\$1,218,519
MIDDLEBY CORP	-\$2,211,837
MKS INSTRUMENTS INC	\$4,001,206
MODERNA INC	\$4,473,549
MOELIS + CO CLASS A	\$4,079,013
MOHAWK INDUSTRIES INC	\$727,439
MOLINA HEALTHCARE INC	\$7,591,800
MOLSON COORS BEVERAGE CO B	\$648,897
MONDELEZ INTERNATIONAL INC A	\$10,321,082
MONEY MARKET FD FOR EBT	\$3
MONGODB INC	\$1,233,145
MONOLITHIC POWER SYSTEMS INC	\$1,022,133



MONSTER BEVERAGE CORP	\$2,820,979
MOODY S CORP	\$2,405,050
MORGAN STANLEY	\$15,394,201
MOSAIC CO/THE	\$731,537
MOTOROLA SOLUTIONS INC	\$2,878,467
MOWI ASA SPON ADR	\$48,387
MSCI INC	\$1,596,575
MULTIPLAN CORP	-\$1,404,286
NASDAQ INC	\$1,278,593
NATIONAL FUEL GAS CO	-\$529,606
NATIONAL RETAIL PROPERTIES	-\$1,535,508
NETAPP INC	\$9,146,249
NETFLIX INC	\$19,733,926
NEUROCRINE BIOSCIENCES INC	\$570,587
NEW FORTRESS ENERGY INC	-\$154,437
NEW RELIC INC	\$2,481,305
NEWELL BRANDS INC	\$655,187
NEWMONT CORP	\$3,197,838
NEWS CORP CLASS A	\$5,132,791
NEXSTAR MEDIA GROUP INC CL A	\$2,640,693
NEXTERA ENERGY INC	\$15,344,759
NIKE INC CL B	\$19,575,273
NISOURCE INC	\$605,738
NOMAD FOODS LTD	\$3,091,325
NORDSON CORP	\$718,017
NORFOLK SOUTHERN CORP	\$14,296,575
NORTHERN TRUST CORP	\$667,474
NORTHROP GRUMMAN CORP	\$7,761,048
NORTONLIFELOCK INC	\$1,661,781
NOVAVAX INC	\$948,176
NOVOCURE LTD	\$1,301,418
NRG ENERGY INC	\$616,590
NUCOR CORP	\$1,830,920
NUTANIX INC A	\$1,292,753
NVIDIA CORP	\$40,368,245
NVR INC	\$7,091,926
NXP SEMICONDUCTORS NV	\$16,563,134
O REILLY AUTOMOTIVE INC	\$10,611,908
OAK STREET HEALTH INC	\$358,624
OCCIDENTAL PETROLEUM CORP	\$1,841,178
OKTA INC	\$1,865,685
OLD DOMINION FREIGHT LINE	\$2,363,639
OLD NATIONAL BANCORP	\$3,254,152
OLIN CORP	\$1,548,831
OMEGA HEALTHCARE INVESTORS	\$534,769
OMNICOM GROUP	\$5,056,168
ON SEMICONDUCTOR CORP	\$1,429,413

ONEOK INC	\$1,564,597
OPENDOOR TECHNOLOGIES INC	\$137,939
ORACLE CORP	\$9,913,858
ORGANON + CO	\$563,078
OTIS WORLDWIDE CORP	\$2,889,915
OVINTIV INC	\$4,278,347
OWENS CORNING	\$653,874
P G + E CORP	\$953,732
PACCAR INC	\$2,394,935
PACKAGING CORP OF AMERICA	\$749,550
PACWEST BANCORP	\$3,442,622
PALANTIR TECHNOLOGIES INC A	-\$282,342
PALO ALTO NETWORKS INC	\$2,274,908
PARAMOUNT GROUP INC	\$235,155
PARKER HANNIFIN CORP	\$6,963,719
PAYCHEX INC	\$766,015
PAYCOM SOFTWARE INC	\$1,170,737
PAYPAL HOLDINGS INC	\$29,018,291
PDC ENERGY INC	\$1,431,624
PELTON INTERACTIVE INC A	\$1,958,276
PENTAIR PLC	\$713,707
PEPSICO INC	\$18,166,087
PERFORMANCE FOOD GROUP CO	\$3,877,503
PERKINELMER INC	\$1,090,752
PFIZER INC	\$12,408,747
PHILIP MORRIS INTERNATIONAL	\$11,024,600
PHILLIPS 66	\$3,126,766
PILGRIM S PRIDE CORP	\$2,116,238
PINNACLE WEST CAPITAL	-\$131,644
PINTEREST INC CLASS A	\$3,160,447
PIONEER NATURAL RESOURCES CO	\$5,926,942
PLAYTIKA HOLDING CORP	\$156,462
PLUG POWER INC	\$581,333
PNC FINANCIAL SERVICES GROUP	\$6,408,964
POOL CORP	\$1,163,620
POST HOLDINGS INC	\$3,642,965
PPD INC	\$359,548
PPG INDUSTRIES INC	\$5,466,764
PPL CORP	\$1,360,349
PREMIER INC CLASS A	-\$2,936,937
PRINCIPAL FINANCIAL GROUP	\$1,098,685
PROCTER + GAMBLE CO/THE	\$29,477,482
PROGRESSIVE CORP	\$4,068,055
PROLOGIS INC	\$10,172,362
PRUDENTIAL FINANCIAL INC	\$13,535,262
PTC INC	\$985,854
PUBLIC SERVICE ENTERPRISE GP	\$2,298,258

PUBLIC STORAGE	\$3,088,387
PULTEGROUP INC	\$652,384
PURE STORAGE INC CLASS A	\$1,896,949
Q2 HOLDINGS INC	-\$1,858,237
QORVO INC	\$1,401,050
QUALCOMM INC	\$9,105,784
QUEST DIAGNOSTICS INC	\$1,111,979
R1 RCM INC	-\$1,883,083
RAYMOND JAMES FINANCIAL INC	\$6,816,632
RAYTHEON TECHNOLOGIES CORP	\$13,812,883
REALTY INCOME CORP	\$1,571,060
REGENCY CENTERS CORP	\$623,337
REGENERON PHARMACEUTICALS	\$7,071,675
REGIONS FINANCIAL CORP	\$718,892
REINSURANCE GROUP OF AMERICA	\$5,752,896
RENAISSANCERE HOLDINGS LTD	\$1,049,330
REPLIGEN CORP	-\$3,415,698
REPUBLIC SERVICES INC	\$447,521
RESMED INC	\$2,286,473
RINGCENTRAL INC CLASS A	\$1,384,904
RITCHIE BROS AUCTIONEERS	\$3,451,282
ROBERT HALF INTL INC	\$642,452
ROCKET COS INC CLASS A	-\$3,414,095
ROCKWELL AUTOMATION INC	\$1,827,382
ROKU INC	\$3,155,507
ROLLINS INC	\$469,908
ROPER TECHNOLOGIES INC	\$4,134,469
ROSS STORES INC	\$3,569,216
ROWE T PRICE GOV RES FD	\$122,143
ROYAL CARIBBEAN CRUISES LTD	\$1,749,775
ROYALTY PHARMA PLC CL A	-\$2,324,215
RPM INTERNATIONAL INC	\$407,130
RUSH ENTERPRISES INC CL A	\$2,953,941
RYDER SYSTEM INC	\$3,686,619
S+P GLOBAL INC	\$6,495,782
S+P MID 400 EMINI SEP21	\$0
S+P500 EMINI FUT SEP21	\$0
SABRE CORP	-\$2,918,935
SAIA INC	\$2,598,723
SALESFORCE.COM INC	\$14,855,280
SANOFI ADR	\$626,233
SANTANDER CONSUMER USA HOLDI	\$785,638
SAREPTA THERAPEUTICS INC	\$293,702
SBA COMMUNICATIONS CORP	\$12,647,610
SCHLUMBERGER LTD	\$2,824,530
SCHNEIDER NATIONAL INC CL B	\$1,013,045
SCHWAB (CHARLES) CORP	\$12,420,439

SCIENTIFIC GAMES CORP	\$4,791,213
SEAGATE TECHNOLOGY HOLDINGS	\$6,927,741
SEAGEN INC	\$1,492,913
SEALED AIR CORP	\$995,637
SEI INVESTMENTS COMPANY	\$480,825
SELECTIVE INSURANCE GROUP	\$3,196,904
SEMPRA ENERGY	\$6,117,396
SENSATA TECHNOLOGIES HOLDING	\$574,425
SERVICE CORP INTERNATIONAL	\$2,461,710
SERVICENOW INC	\$6,796,834
SHERWIN WILLIAMS CO/THE	\$5,572,692
SHOPIFY INC CLASS A	\$539,102
SIGNATURE BANK	\$469,437
SILGAN HOLDINGS INC	-\$513,646
SIMON PROPERTY GROUP INC	\$1,357,122
SINCLAIR BROADCAST GROUP A	\$4,031,247
SIRIUS XM HOLDINGS INC	\$429,057
SITEONE LANDSCAPE SUPPLY INC	-\$1,865,922
SKYWORKS SOLUTIONS INC	\$1,993,433
SL GREEN REALTY CORP	-\$307,840
SLACK TECHNOLOGIES INC CL A	\$1,330,551
SLM CORP	\$2,493,116
SMITH (A.O.) CORP	\$610,348
SNAP INC A	\$4,036,954
SNAP ON INC	\$950,024
SNOWFLAKE INC CLASS A	-\$674,622
SOLAREEDGE TECHNOLOGIES INC	\$898,203
SONOCO PRODUCTS CO	-\$1,166,000
SOUTHERN CO/THE	\$3,046,557
SOUTHWEST AIRLINES CO	\$1,451,534
SOUTHWEST GAS HOLDINGS INC	\$2,588,691
SOUTHWESTERN ENERGY CO	\$1,645,292
SPDR S+P 500 ETF TRUST	\$22,726,990
SPECTRUM BRANDS HOLDINGS INC	\$3,136,870
SPIRE INC	\$2,541,375
SPIRIT AIRLINES INC	\$1,760,193
SPLUNK INC	\$1,470,668
SPOTIFY TECHNOLOGY SA	-\$1,699,564
SPX CORP	\$3,458,655
SS+C TECHNOLOGIES HOLDINGS	\$1,049,194
STANLEY BLACK + DECKER INC	\$9,272,108
STARBUCKS CORP	\$8,679,475
STATE STREET BANK + TRUST CO	\$22,628,074
STATE STREET CORP	\$9,121,396
STEEL DYNAMICS INC	\$797,210
STERIS PLC	\$1,212,631
STRYKER CORP	\$5,042,918

SUN COMMUNITIES INC	\$4,019,673
SUNRUN INC	-\$2,295,905
SUNSTONE HOTEL INVESTORS INC	\$5,643,772
SVB FINANCIAL GROUP	\$8,736,507
SWITCH INC A	\$420,448
SYNCHRONY FINANCIAL	\$1,786,021
SYNEOS HEALTH INC	\$5,733,624
SYNOPSIS INC	\$2,651,997
SYSCO CORP	\$2,501,917
T MOBILE US INC	\$7,365,764
T ROWE PRICE GROUP INC	\$2,843,641
TAKE TWO INTERACTIVE SOFTWRE	\$2,605,911
TARGA RESOURCES CORP	\$4,000,767
TARGET CORP	\$7,631,732
TC ENERGY CORP	\$1,624,751
TE CONNECTIVITY LTD	\$2,828,864
TECHNIPFMC PLC	\$2,240,599
TEGNA INC	\$3,645,537
TELADOC HEALTH INC	-\$1,967,044
TELEDYNE TECHNOLOGIES INC	\$747,193
TELEFLEX INC	\$1,665,821
TELEPHONE AND DATA SYSTEMS	\$772,230
TERADYNE INC	\$1,409,393
TESLA INC	\$34,580,417
TEXAS INSTRUMENTS INC	\$14,728,449
TEXTRON INC	\$8,096,567
THERMO FISHER SCIENTIFIC INC	\$22,409,062
TJX COMPANIES INC	\$7,718,579
TOLL BROTHERS INC	\$1,311,073
TOTALENERGIES SE SPON ADR	\$329,991
TOWER SEMICONDUCTOR LTD	\$5,270,913
TRACTOR SUPPLY COMPANY	\$1,368,657
TRADE DESK INC/THE CLASS A	\$2,086,399
TRADEWEB MARKETS INC CLASS A	\$18,011
TRANE TECHNOLOGIES PLC	\$9,358,363
TRANSDIGM GROUP INC	\$3,017,019
TRANSUNION	\$1,323,320
TRAVELERS COS INC/THE	\$9,854,062
TREAN INSURANCE GROUP INC	\$1,575,106
TREASURY BILL	\$944,984
TREX COMPANY INC	-\$2,596,236
TRIMBLE INC	-\$1,792,568
TRINITY INDUSTRIES INC	\$1,043,332
TRIPADVISOR INC	-\$779,926
TRUIST FINANCIAL CORP	\$9,041,172
TWILIO INC A	-\$189,591
TWITTER INC	\$3,466,510

TYLER TECHNOLOGIES INC	\$1,153,091
TYSON FOODS INC CL A	\$7,786,032
UBER TECHNOLOGIES INC	\$3,802,304
UDR INC	\$2,316,166
UGI CORP	\$608,560
ULTA BEAUTY INC	\$1,444,281
UNIFIRST CORP/MA	\$2,195,057
UNION PACIFIC CORP	\$13,042,949
UNITED AIRLINES HOLDINGS INC	\$396,149
UNITED PARCEL SERVICE CL B	\$13,251,432
UNITED RENTALS INC	\$1,455,962
UNITED THERAPEUTICS CORP	\$5,393,782
UNITEDHEALTH GROUP INC	\$34,409,809
UNITY SOFTWARE INC	\$388,579
UNIVAR SOLUTIONS INC	\$4,822,608
UNIVERSAL HEALTH SERVICES B	\$724,389
UNUM GROUP	\$3,100,087
US BANCORP	\$5,125,306
US DOLLAR	\$294,262
VAIL RESORTS INC	\$811,241
VALERO ENERGY CORP	\$2,015,245
VEEVA SYSTEMS INC CLASS A	\$2,675,103
VENTAS INC	\$2,184,132
VEREIT INC	\$657,350
VERISIGN INC	\$8,914,974
VERISK ANALYTICS INC	\$1,708,063
VERIZON COMMUNICATIONS INC	\$14,496,082
VERTEX PHARMACEUTICALS INC	\$16,515,312
VF CORP	-\$809,899
VIACOMCBS INC CLASS B	\$6,485,296
VIATRIS INC	\$3,315,494
VICI PROPERTIES INC	\$1,052,198
VISA INC CLASS A SHARES	\$28,387,385
VISTRA CORP	\$6,959,385
VMWARE INC CLASS A W/I	\$599,088
VORNADO REALTY TRUST	\$228,496
VOYA FINANCIAL INC	\$4,983,653
VULCAN MATERIALS CO	\$1,808,761
WABTEC CORP	\$930,319
WALGREENS BOOTS ALLIANCE INC	\$1,325,877
WALMART INC	\$13,000,775
WALT DISNEY CO/THE	\$21,498,253
WASTE CONNECTIONS INC	\$2,629,729
WASTE MANAGEMENT INC	\$3,737,714
WATERS CORP	\$576,823
WAYFAIR INC CLASS A	\$1,456,055
WEC ENERGY GROUP INC	\$2,050,742

WELLS FARGO + CO	\$23,814,569
WELLTOWER INC	\$2,747,452
WERNER ENTERPRISES INC	-\$733,155
WEST PHARMACEUTICAL SERVICES	\$1,679,870
WESTERN DIGITAL CORP	\$8,545,168
WESTERN UNION CO	-\$519,352
WESTLAKE CHEMICAL CORP	\$1,722,701
WESTROCK CO	\$1,070,680
WEX INC	\$4,535,709
WEYERHAEUSER CO	\$1,724,717
WHIRLPOOL CORP	\$869,900
WILLIAMS COS INC	\$2,037,474
WILLIS TOWERS WATSON PLC	\$1,875,123
WOLFSPEED INC	-\$1,703,884
WORKDAY INC CLASS A	\$6,185,276
WP CAREY INC	\$834,923
WR BERKLEY CORP	\$675,155
WW GRAINGER INC	\$1,228,152
WYNN RESORTS LTD	\$1,030,744
XCEL ENERGY INC	\$5,499,662
XEROX HOLDINGS CORP	\$2,241,721
XILINX INC	\$3,074,034
XPO LOGISTICS INC	\$761,421
XYLEM INC	\$1,367,664
YUM BRANDS INC	\$6,608,358
ZEBRA TECHNOLOGIES CORP CL A	\$1,787,558
ZENDESK INC	\$1,076,921
ZILLOW GROUP INC A	\$478,112
ZILLOW GROUP INC C	\$1,200,078
ZIMMER BIOMET HOLDINGS INC	\$6,959,646
ZOETIS INC	\$6,814,067
ZOOM VIDEO COMMUNICATIONS A	\$1,852,326
ZOOMINFO TECHNOLOGIES INC	\$2,453,346
ZSCALER INC	\$1,094,776
<b>Total Holdings</b>	<b>\$4,502,022,704</b>

**International Equity Asset Class****Manager Holdings**

<b>Manager Name</b>	<b>Market Value</b>
<b>BlackRock</b>	<b>\$1,266,378,506</b>
<b>Acadian Asset Mgmt</b>	<b>\$177,635,312</b>
<b>American Century Inv Mgmt</b>	<b>\$79,365,331</b>
<b>Baillie Gifford</b>	<b>\$226,513,826</b>
<b>Dimensional Fund Advisors</b>	<b>\$153,841,364</b>
<b>Franklin Templeton</b>	<b>\$110,577,527</b>
<b>Invesco</b>	<b>\$260,649,691</b>
<b>Lazard Asset Mgmt</b>	<b>\$246,353,718</b>
<b>State Street Global Advisors (Cash)</b>	<b>\$1,214,728</b>
<b>Total Holdings</b>	<b>\$2,522,530,004</b>



International Equity Asset Class		
Security Holdings		
Security Name		Market Value
29METALS LTD		\$315,784
361 DEGREES INTERNATIONAL		\$101,687
3I GROUP PLC		\$1,934,855
5N PLUS INC		\$20,700
77 BANK LTD/THE		\$99,863
A2 MILK CO LTD		\$203
AALBERTS NV		\$501,710
ABB LTD REG		\$4,621,786
ACCELL GROUP		\$539,577
ACCTON TECHNOLOGY CORP		\$284,684
ACER INC		\$64,147
ACWI EX	US SUPERFUN	\$1,014,094,055
ADDTECH AB B SHARES		\$392,635
ADECCO GROUP AG REG		\$617,549
ADIDAS AG		\$4,883,231
ADVANCED WIRELESS SEMICONDUCT		\$563,679
AECI LTD		\$251,718
AEON FINANCIAL SERVICE CO LT		\$87,275
AGC INC		\$277,106
AIA GROUP LTD		\$8,879,762
AICHI BANK LTD/THE		\$34,902
AIR LIQUIDE SA		\$4,295,801
AIRTAC INTERNATIONAL GROUP		\$1,003,140
AJIS CO LTD		\$35,828
AKBANK T.A.S.		\$14,853
ALAMOS GOLD INC CLASS A		\$635,355
ALBAAD MASSUOT YITZHAK LTD		\$11
ALFEN BEHEER B.V.		\$572,852
ALIBABA GROUP HOLDING LTD		\$6,560,693
ALIBABA GROUP HOLDING SP ADR		\$5,782,890
ALK ABELLO A/S		\$1,002,017
ALLIANCE BANK MALAYSIA BHD		\$57,587
ALLIANZ MALAYSIA BHD		\$18,162
ALPARGATAS SA PEF		\$573,631
ALPEK SA DE CV		\$166,201
ALSTOM		\$2,852,159
ALTEN SA		\$685,855
AMCOR PLC CDI		\$3,849,685
ANDRITZ AG		\$804,275
ANGANG STEEL CO LTD H		\$121,640
ANGLO AMERICAN PLC		\$4,004,366
ANHUI HENGYUAN COAL INDUST A		\$1,771,673
ANICOM HOLDINGS INC		\$839,420
AON PLC CLASS A		\$4,268,790

AP MOLLER MAERSK A/S B	\$2,334,133
APERAM	\$762,954
APOLLO HEALTHCARE CORP	\$17,572
ARCA CONTINENTAL SAB DE CV	\$3,350,628
ARCADIS NV	\$635,060
ARCELIK AS	\$32,203
ARCELORMITTAL	\$2,905,868
ARKEMA	\$1,846,391
ASAHI GROUP HOLDINGS LTD	\$2,258,990
ASHTREAD GROUP PLC	\$2,890,754
ASIA CEMENT CHINA HOLDINGS	\$207,081
ASICS CORP	\$2,700,777
ASKA PHARMACEUTICAL HOLDINGS	\$47,071
ASKUL CORP	\$352,673
ASM INTERNATIONAL NV	\$1,960,455
ASML HOLDING NV	\$12,041,617
ASOS PLC	\$1,660,306
ASPEED TECHNOLOGY INC	\$360,700
ASPO OYJ	\$25,926
ASTRA OTOPARTS TBK PT	\$25,247
ASUSTEK COMPUTER INC	\$2,240,000
ATLAS COPCO AB A SHS	\$4,234,020
AUSTRALIAN DOLLAR	\$40,556
AUTO TRADER GROUP PLC	\$3,114,565
AUTO1 GROUP SE	\$1,066,630
AUTOGRILL SPA	\$757,043
AUTOHOME INC ADR	\$3,019,743
AVANZA BANK HOLDING AB	\$48,217
AXIS CAPITAL HOLDINGS LTD	\$471,378
AZIMUT HOLDING SPA	\$358,965
B3 SA BRASIL BOLSA BALCAO	\$6,177,462
BAIDU INC SPON ADR	\$2,482,686
BAKKAFROST P/F	\$935,970
BANCA GENERALI SPA	\$453,654
BANCA IFIS SPA	\$176,105
BANCA MEDIOLANUM SPA	\$724,616
BANCO BRADESCO ADR	\$3,782,287
BANCO ESTADO RIO GRAN PREF B	\$1,484,858
BANCO PAN SA	\$521,683
BANCO SANTANDER CHILE ADR	\$1,796,109
BANK LEUMI LE ISRAEL	\$2,225,832
BANK MANDIRI PERSERO TBK PT	\$2,490,901
BANK MILLENNIUM SA	\$29,157
BANK OF COMMUNICATIONS CO H	\$152,349
BANK OF GEORGIA GROUP PLC	\$91,627
BANK OF NOVA SCOTIA	\$2,078,880
BANK PEKAO SA	\$1,386,939

BARCLAYS PLC	\$1,666,162
BARCO N.V.	\$1,157,995
BASIC FIT NV	\$449,573
BASWARE OYJ	\$541,398
BAYERISCHE MOTOREN WERKE AG	\$2,701,306
BE SEMICONDUCTOR INDUSTRIES	\$881,650
BECHTLE AG	\$3,562,908
BEIGENE LTD ADR	\$1,791,109
BENETEAU	\$801,991
BETSSON AB B	\$32,002
BGF RETAIL CO LTD	\$453,472
BHG GROUP AB	\$419,219
BHP GROUP PLC	\$4,245,570
BICO GROUP AB	\$720,066
BILIA AB A SHS	\$226,981
BIMB HOLDINGS BHD	\$57,945
BIO PAPPEL SAB DE CV	\$25,647
BIONTECH SE ADR	\$1,041,714
BLACKROCK ACWI EX US SMALL CAP	\$12,711,655
BLOOMSBURY PUBLISHING PLC	\$4,601
BLUESCOPE STEEL LTD	\$1,633,480
BNK FINANCIAL GROUP INC	\$1,706,682
BNP PARIBAS	\$1,655,242
BOIRON SA	\$90,524
BOOKING HOLDINGS INC	\$2,960,486
BORAL LTD	\$827,526
BORALEX INC A	\$378,018
BORYSZEW SA	\$30,982
BOUSTEAD SINGAPORE LTD	\$5,931
BP PLC SPONS ADR	\$2,697,852
BPER BANCA	\$700,586
BRASKEM SA PREF A	\$1,145,227
BRAZILIAN REAL	\$35,667
BRICKWORKS LTD	\$66,289
BROADCOM INC	\$7,332,369
BRP INC/CA SUB VOTING	\$1,590,947
BRUNELLO CUCINELLI SPA	\$655,716
BUCHER INDUSTRIES AG REG	\$2,023,444
BUDIMEX	\$54,794
BUNKA SHUTTER CO LTD	\$613,947
BURBERRY GROUP PLC	\$1,613,695
BURNING ROCK BIOTECH LTD ADR	\$1,539,874
BUZZI UNICEM SPA	\$422,282
CAE INC	\$4,684,519
CAMIL ALIMENTOS SA	\$824,176
CANACCORD GENUITY GROUP INC	\$550,087
CANADA GOOSE HOLDINGS INC	\$691,306

CANADIAN DOLLAR	\$26,157
CANADIAN NATL RAILWAY CO	\$2,673,258
CANADIAN NATURAL RESOURCES	\$403,376
CANADIAN WESTERN BANK	\$1,531,082
CAPCOM CO LTD	\$23,426
CAPGEMINI SE	\$3,897,647
CARL ZEISS MEDITEC AG BR	\$460,690
CARLSBERG AS B	\$6,903,579
CARSALES.COM LTD	\$430,521
CCS SUPPLY CHAIN MANAGEME A	\$14,062
CEMBRA MONEY BANK AG	\$318,050
CENTURY PACIFIC FOOD INC	\$659,936
CGI INC	\$7,719,813
CHAILEASE HOLDING CO LTD	\$771,669
CHAMPION IRON LTD	\$103,919
CHIA CHANG CO LTD	\$154,204
CHICONY ELECTRONICS CO LTD	\$1,373,259
CHIEN KUO CONSTRUCTION CO	\$45,527
CHINA BLUECHEMICAL LTD H	\$53,245
CHINA COAL ENERGY CO H	\$202,112
CHINA CONSTRUCTION BANK H	\$2,886,689
CHINA DONGXIANG GROUP CO	\$119,060
CHINA LESSO GROUP HOLDINGS L	\$799,377
CHINA LONGYUAN POWER GROUP H	\$3,921,384
CHINA MENGNIU DAIRY CO	\$4,340,813
CHINA SOUTH CITY HOLDINGS	\$23,204
CHINA SOUTH PUBLISHING A	\$388,408
CHINA YONGDA AUTOMOBILES SER	\$849,302
CHIPMOS TECHNOLOGIES INC	\$1,091,661
CIA DE DISTRIBUCION INTEGRAL	\$13,716
CIA DE TRANSMISSAO DE ENE PF	\$145,074
CIA ENERGETICA MINAS GER PRF	\$731,233
CIA SANEAMENTO BASICO DE SP	\$1,978,499
CIA SIDERURGICA NACIONAL SA	\$1,118,631
CIE FINANCIERE RICHEMO A REG	\$6,044,343
CIECH SA	\$25,518
CKD CORP	\$375,277
CLOETTA AB B SHS	\$308,852
CNH INDUSTRIAL NV	\$1,911,952
COATS GROUP PLC	\$413,756
COCA COLA EUROPACIFIC PARTNE	\$4,809,962
COCA COLA ICECEK AS	\$2,685
COCHLEAR LTD	\$3,383,561
COGECO COMMUNICATIONS INC	\$2,137,399
COGECO INC	\$42,080
COLOPL INC	\$167,650
COMET HOLDING AG REG	\$681,714

COMPUTACENTER PLC	\$158,361
COMPUTER MODELLING GROUP LTD	\$718,445
CONSTRUCC Y AUX DE FERROCARR	\$736,809
CONTEMPORARY AMPEREX TECHN A	\$2,632,016
CONTINENTAL AG	\$2,587,251
CONTROLADORA VUELA CIA ADR	\$607,958
CORETRONIC CORP	\$105,604
CORPORATE TRAVEL MANAGEMENT	\$511,952
COUPANG INC	\$1,208,013
CRH PLC	\$4,178,728
CRITEO SA SPON ADR	\$612,912
CROPENERGIES AG	\$55,842
CSC STEEL HOLDINGS BHD	\$42,993
CSL LTD	\$1,523,153
CSN MINERACAO SA	\$491,761
CSR LTD	\$38,348
CUCKOO HOLDINGS CO LTD	\$23,483
DAEWON SAN UP CO LTD	\$23,200
DAH SING FINANCIAL HOLDINGS	\$25,983
DAIMLER AG REGISTERED SHARES	\$3,073,827
DAISUE CONSTRUCTION CO LTD	\$28,765
DAIWA HOUSE INDUSTRY CO LTD	\$3,465,618
DANISH KRONE	\$11,423
DAQO NEW ENERGY CORP ADR	\$221,003
DB FINANCIAL INVESTMENT CO L	\$45,408
DBS GROUP HOLDINGS LTD	\$2,185,741
DE LONGHI SPA	\$191,969
DEA CAPITAL SPA	\$22,931
DELTA PROPERTY FUND LTD	\$899
DEMANT A/S	\$640,917
DENSO CORP	\$1,502,279
DERMAPHARM HOLDING SE	\$706,601
DESCARTES SYSTEMS GRP/THE	\$689,966
DESENO GROUP AB	\$389,222
DEUTSCHE BANK AG REGISTERED	\$25,874
DEUTSCHE BOERSE AG	\$4,297,256
DEUTSCHE POST AG REG	\$3,208,113
DFA EMERGING MARKETS SMALL CAP	\$38,069,348
DFA INTERNATIONAL SMALL COMPAN	\$115,772,017
DGB FINANCIAL GROUP INC	\$1,808,188
DIASORIN SPA	\$418,402
DIGITAL BROS SPA	\$82,046
DISCO CORP	\$30,588
DL HOLDINGS CO LTD	\$223,913
DOMETIC GROUP AB	\$2,014,270
DOWA HOLDINGS CO LTD	\$480,899
DR. MARTENS PLC	\$670,927

DRECOM CO LTD	\$25,415
DSV A/S	\$785,063
DYNAM JAPAN HOLDINGS CO LTD	\$13,369
EBARA FOODS INDUSTRY INC	\$20,412
ECKERT + ZIEGLER STRAHLEN UN	\$527,660
ECOVACS ROBOTICS CO LTD A	\$737,740
EFFECTE OYJ	\$14,604
EHIME BANK LTD/THE	\$52,775
ELECTRA CONSUMER PRODUCTS 19	\$180,489
ELECTROCOMPONENTS PLC	\$967,567
ELECTROLUX AB SER B	\$1,316,087
ELEKTA AB B SHS	\$77,890
ELIS SA	\$774,675
EN JAPAN INC	\$1,320,344
ENAUTA PARTICIPACOES SA	\$10,376
ENDAVA PLC SPON ADR	\$886,291
ENEL SPA	\$3,536,080
ENGIE	\$3,584,347
ENN ENERGY HOLDINGS LTD	\$3,094,610
EPIROC AB A	\$2,897,906
EQUINOR ASA	\$2,063,551
ESR CAYMAN LTD	\$3,757,003
EURO CURRENCY	\$257
EUROFINS SCIENTIFIC	\$681,466
EVERLIGHT ELECTRONICS CO LTD	\$202,383
EXMAR NV	\$31,319
FAGRON	\$1,306,558
FAIRFAX FINANCIAL HLDGS LTD	\$1,126,007
FALCO HOLDINGS CO LTD	\$49,742
FANGDA SPECIAL STEEL TECH A	\$1,158,322
FANUC CORP	\$1,689,927
FERGUSON PLC	\$2,917,355
FERREXPO PLC	\$50,458
FERRONORDIC AB	\$51,206
FEVERTREE DRINKS PLC	\$401,335
FIBI HOLDINGS	\$139,427
FINECOBANK SPA	\$5,612,052
FINNING INTERNATIONAL INC	\$1,013,411
FIRST GEN CORPORATION	\$10,533
FIRSTSERVICE CORP	\$525,044
FISHER + PAYKEL HEALTHCARE C	\$945,433
FISKARS OYJ ABP	\$387,335
FLATEXDEGIRO AG	\$758,739
FLETCHER BUILDING LTD	\$289,226
FLOW TRADERS	\$1,506,502
FLUTTER ENTERTAINMENT PLC DI	\$3,044,020
FOOD + LIFE COMPANIES LTD	\$660,992

FORD OTOMOTIV SANAYI AS	\$9,600
FORTESCUE METALS GROUP LTD	\$2,703,723
FOUNTAIN SET HLDGS	\$28,948
FRENCKEN GROUP LTD	\$23,928
FUJI OIL HOLDINGS INC	\$1,216,842
FUJI PHARMA CO LTD	\$23,893
FUJITSU LTD	\$5,528,426
FURUSATO INDUSTRIES LTD	\$33,107
FUTURE PLC	\$1,076,830
GAKKEN HOLDINGS CO LTD	\$38,922
GALAXY ENTERTAINMENT GROUP L	\$3,529,317
GALP ENERGIA SGPS SA	\$1,927,894
GAMES WORKSHOP GROUP PLC	\$2,407,478
GENERALPLUS TECHNOLOGY INC	\$44,691
GETINGE AB B SHS	\$43,256
GIANT MANUFACTURING	\$1,474,616
GIGABYTE TECHNOLOGY CO LTD	\$1,223,060
GIORDANO INTERNATIONAL LTD	\$38,736
GLORY LTD	\$726,237
GMO FINANCIAL GATE INC	\$312,244
GN STORE NORD A/S	\$1,662,650
GOEASY LTD	\$690,732
GOLDTEK TECHNOLOGY CO LTD	\$29,693
GOOBBABY INTERNATIONAL HOLDI	\$53,475
GOURMET MASTER CO LTD	\$722,082
GRAND CITY PROPERTIES	\$820,197
GRANGE RESOURCES LTD	\$65,879
GRANGES AB	\$1,527,613
GREATVIEW ASEPTIC PACKAGING	\$324,047
GREGGS PLC	\$2,054,449
GRUPA LOTOS SA	\$84,775
GRUPO FINANCIERO BANORTE O	\$4,184,650
GRUPO FINANCIERO INBURSA O	\$82,075
GUANGXI LIUGONG MACHINERY A	\$487,779
GUNGHO ONLINE ENTERTAINMENT	\$103,588
HACI OMER SABANCI HOLDING	\$54,100
HANA FINANCIAL GROUP	\$1,733,188
HANA MICROELECTRONICS FOREIG	\$1,711,112
HARBIN ELECTRIC CO LTD H	\$26,627
HARGREAVES LANSDOWN PLC	\$2,803,525
HAYS PLC	\$559,651
HDFC BANK LTD ADR	\$9,992,140
HEINEKEN NV	\$2,877,871
HITACHI LTD	\$3,690,859
HOLTEK SEMICONDUCTOR INC	\$157,918
HOMESERVE PLC	\$1,164,232
HON HAI PRECISION INDUSTRY	\$2,488,219

HONG KONG DOLLAR	\$121,808
HOSOKAWA MICRON CORP	\$546,806
HOWDEN JOINERY GROUP PLC	\$1,084,661
HOYA CORP	\$3,384,224
HUGEL INC	\$787,639
HUHTAMAKI OYJ	\$1,566,038
HUNAN VALIN STEEL CO LTD A	\$853,211
HUSQVARNA AB B SHS	\$430,236
HWASUNG INDUSTRIAL CO LTD	\$48,245
HYOSUNG TNC CORP	\$473,116
HYUNDAI ENGINEERING + CONST	\$31,579
HYUNDAI MARINE + FIRE INS CO	\$26,516
IA FINANCIAL CORP INC	\$588,623
IBSTOCK PLC	\$810,822
ICICI BANK LTD SPON ADR	\$5,057,872
ICON PLC	\$5,252,501
IDEC CORP	\$743,935
IDOM INC	\$773,086
IDP EDUCATION LTD	\$394,574
IGG INC	\$68,701
IHI CORP	\$1,099,620
IIDA GROUP HOLDINGS CO LTD	\$340,139
IMAX CORP	\$827,750
IMCD NV	\$2,352,361
IND + COMM BK OF CHINA H	\$2,063,960
INDONESIAN RUPIAH	\$289
INDUSTRIA DE DISEÑO TEXTIL	\$2,751,529
INDUSTRIVARDEN AB A SHS	\$49,693
INDUSTRIVARDEN AB C SHS	\$103,385
INFINEON TECHNOLOGIES AG	\$1,748,512
INMODE LTD	\$1,000,673
INNOLUX CORP	\$904,845
INSOURCE CO LTD	\$151,302
INTERFOR CORP	\$92,747
INTERMEDIATE CAPITAL GROUP	\$1,363,053
INTERPUMP GROUP SPA	\$2,172,095
INTERTAPE POLYMER GROUP INC	\$47,811
INTERTEK GROUP PLC	\$1,922,078
INTERTRUST NV	\$1,375,945
INVESTEC PLC	\$678,892
INVESTOR AB B SHS	\$12,241,671
IPSOS	\$127,193
IR JAPAN HOLDINGS LTD	\$642,842
ISETAN MITSUKOSHI HOLDINGS L	\$641,571
ISHARES MSCI EAFE ETF	\$163,597,120
ISHARES MSCI EAFE SMALL CAP ET	\$1,665,708
ISHARES MSCI EMERGING MARKETS	\$64,542,045



ISHARES MSCI INDIA SMALL CAP E	\$1,640,020
ISRACARD LTD	\$3
ISRAEL DISCOUNT BANK A	\$1,044,634
ISRAMCO NEGEV 2 LP	\$61,230
ISUZU MOTORS LTD	\$133,496
JAFCO GROUP CO LTD	\$771,997
JAMES HARDIE INDUSTRIES CDI	\$2,092,954
JAPAN POST BANK CO LTD	\$893,575
JAPAN POST HOLDINGS CO LTD	\$807,862
JAPAN STEEL WORKS LTD	\$712,279
JAPANESE YEN	\$408,933
JARDINE CYCLE + CARRIAGE LTD	\$187,508
JB FINANCIAL GROUP CO LTD	\$54,187
JBS SA	\$38,855
JD.COM INC ADR	\$4,942,793
JENOPTIK AG	\$736,834
JERONIMO MARTINS	\$1,972,254
JMDC INC	\$569,024
JNBY DESIGN LTD	\$523,330
JOHN WOOD GROUP PLC	\$459,500
JOHNSON ELECTRIC HOLDINGS	\$464,489
JOHNSON HEALTH TECH CO LTD	\$810,853
JOHNSON MATTHEY PLC	\$1,642,933
JSP CORP	\$191,130
JUMBO SA	\$759,613
JYSKE BANK REG	\$369,516
K S HOLDINGS CORP	\$330,209
KAKAKU.COM INC	\$1,753,221
KAO CORP	\$1,170,060
KB FINANCIAL GROUP INC	\$1,775,948
KERING	\$4,393,642
KERUR HOLDINGS LTD	\$72,434
KEYENCE CORP	\$4,041,445
KGHM POLSKA MIEDZ SA	\$250,052
KIA CORP	\$2,445,372
KINDRED GROUP PLC	\$144,971
KINEPOLIS	\$844,983
KING YUAN ELECTRONICS CO LTD	\$1,511,573
KINGFISHER PLC	\$589,669
KINNEVIK AB B	\$434,171
KLOECKNER + CO SE	\$101,175
KNORR BREMSE AG	\$1,674,756
KOBE BUSSAN CO LTD	\$1,191,999
KOC HOLDING AS	\$13,343
KOITO MANUFACTURING CO LTD	\$3,417,957
KOMATSU LTD	\$2,278,239
KOMATSU WALL INDUSTRY CO LTD	\$42,469

KONE OYJ B	\$3,241,732
KONINKLIJKE DSM NV	\$3,283,363
KONINKLIJKE PHILIPS NV	\$1,218,898
KOREA INVESTMENT HOLDINGS CO	\$24,695
KOREAN REINSURANCE CO	\$26,494
KORNIT DIGITAL LTD	\$903,506
KRUNG THAI BANK NVDR	\$165,691
KSB SE + CO KGAA VORZUG	\$10,821
KT CORP	\$23,014
KT CORP SP ADR	\$981,982
KUEHNE NAGEL INTL AG REG	\$6,359,058
KUMHO PETROCHEMICAL CO LTD	\$23,142
KWEICHOW MOUTAI CO LTD A	\$1,151,939
KYOKUTO SECURITIES	\$51,149
LANDIS GYR GROUP AG	\$863,383
LEGAL + GENERAL GROUP PLC	\$1,234,117
LENOVO GROUP LTD	\$1,908,844
LF CORP	\$52,043
LG CORP	\$25,667
LG DISPLAY CO LTD	\$26,128
LG ELECTRONICS INC	\$3,096,068
LG HOUSEHOLD + HEALTH CARE	\$3,174,620
LI NING CO LTD	\$5,285,758
LIFCO AB B SHS	\$810,206
LINAMAR CORP	\$1,743,551
LINDE PLC	\$4,616,927
LINTEC CORP	\$130,282
LITE ON TECHNOLOGY CORP	\$270,816
LIU CHONG HING INVESTMENT	\$30,196
LIVECHAT SOFTWARE SA	\$70,583
LOCAWEB SERVICOS DE INTERNET	\$450,294
LOGITECH INTERNATIONAL REG	\$4,839,757
LOJAS RENNER S.A.	\$3,735,449
LUOLAI LIFESTYLE TECHNOLOG A	\$694,424
LUXCHEM CORP BHD	\$26,170
LVMH MOET HENNESSY LOUIS VUI	\$5,395,544
M DIAS BRANCO SA	\$892,559
M+G PLC	\$685,052
MABUCHI MOTOR CO LTD	\$385,981
MACAUTO INDUSTRIAL CO LTD	\$161,594
MACMAHON HOLDINGS LTD	\$28,788
MAGNA INTERNATIONAL INC	\$4,828,997
MAGNI TECH INDUSTRIES BHD	\$36,685
MAINFREIGHT LTD	\$84,686
MAKEMYTRIP LTD	\$981,613
MAKITA CORP	\$4,137,256
MALAYSIAN PACIFIC INDUSTRIES	\$205,510

<b>MALAYSIAN RINGGIT</b>	<b>\$5,074</b>
<b>MAN GROUP PLC/JERSEY</b>	<b>\$1,735,398</b>
<b>MAN WAH HOLDINGS LTD</b>	<b>\$368,113</b>
<b>MARKS + SPENCER GROUP PLC</b>	<b>\$458,396</b>
<b>MARR SPA</b>	<b>\$986,073</b>
<b>MARUZEN CHI HOLDINGS CO LTD</b>	<b>\$36,125</b>
<b>MATAS A/S</b>	<b>\$742,339</b>
<b>MATSUKIYOCOCOKARA + CO</b>	<b>\$707,091</b>
AMERICAN CENTURY INV MGMT - PP	\$707,091
<b>MAX STOCK LTD</b>	<b>\$743,838</b>
<b>MAZDA MOTOR CORP</b>	<b>\$773,194</b>
<b>MBANK SA</b>	<b>\$338,061</b>
<b>MC GROUP PCL NVDR</b>	<b>\$37,195</b>
<b>MCBRIDE PLC</b>	<b>\$31,369</b>
<b>MEDIASET SPA</b>	<b>\$804,617</b>
<b>MEDTRONIC PLC</b>	<b>\$4,728,981</b>
<b>MEITEC CORP</b>	<b>\$1,467,439</b>
<b>MEITUAN CLASS B</b>	<b>\$5,148,943</b>
<b>MELCOR DEVELOPMENTS LTD</b>	<b>\$11,903</b>
<b>MENICON CO LTD</b>	<b>\$323,272</b>
<b>MERCADOLIBRE INC</b>	<b>\$3,578,244</b>
<b>MERCK KGAA</b>	<b>\$2,727,788</b>
<b>MERIDA INDUSTRY CO LTD</b>	<b>\$2,269,215</b>
<b>METALL ZUG AG SHS B REG</b>	<b>\$27,003</b>
<b>METSO OUTOTEC OYJ</b>	<b>\$1,174,278</b>
<b>METTLER TOLEDO INTERNATIONAL</b>	<b>\$4,300,095</b>
<b>MEXICAN PESO (NEW)</b>	<b>\$149</b>
<b>MI CHANG OIL INDUSTRIAL CO</b>	<b>\$51,634</b>
<b>MICRO STAR INTERNATIONAL CO</b>	<b>\$361,777</b>
<b>MILLION HOPE INDUSTRIES HOLD</b>	<b>\$1,057</b>
<b>MINERAL RESOURCES LTD</b>	<b>\$847,820</b>
<b>MINTH GROUP LTD</b>	<b>\$446,648</b>
<b>MITSUBISHI ELECTRIC CORP</b>	<b>\$24,698</b>
<b>MITSUI + CO LTD</b>	<b>\$315,407</b>
<b>MIXI INC</b>	<b>\$625,651</b>
<b>MIZRAHI TEFAHOT BANK LTD</b>	<b>\$1,058,475</b>
<b>MOL HUNGARIAN OIL AND GAS PL</b>	<b>\$106,300</b>
<b>MONEY MARKET FD FOR EBT</b>	<b>\$1</b>
<b>MORINAGA + CO LTD</b>	<b>\$348,635</b>
<b>MORITA HOLDINGS CORP</b>	<b>\$472,540</b>
<b>MR PRICE GROUP LTD</b>	<b>\$1,926,368</b>
<b>MSCI EMF</b>	<b>\$11,433,631</b>
<b>MTU AERO ENGINES AG</b>	<b>\$1,833,979</b>
<b>MURATA MANUFACTURING CO LTD</b>	<b>\$2,743,525</b>
<b>NAFCO CO LTD</b>	<b>\$14,459</b>
<b>NAGANO BANK LTD/THE</b>	<b>\$11,278</b>
<b>NAGOYA RAILROAD CO LTD</b>	<b>\$389,039</b>

NAKANO CORP	\$15,361
NAKAYAMA STEEL WORKS LTD	\$29,484
NAN PAO RESINS CHEMICAL CO L	\$552,517
NANJING IRON + STEEL CO A	\$646,992
NANTEX INDUSTRY CO LTD	\$684,989
NASPERS LTD N SHS	\$5,457,897
NATIONAL BANK OF GREECE	\$308,197
NATWEST GROUP PLC	\$36,428
NAVER CORP	\$8,715,171
NCS+A CO LTD	\$33,584
NEMETSCHEK SE	\$1,354,915
NESTLE SA REG	\$5,065,766
NEW ISRAELI SHEQEL	\$4,211
NEW ORIENTAL EDUCATIO SP ADR	\$1,646,403
NEW TAIWAN DOLLAR	\$21,564
NEW ZEALAND DOLLAR	\$7
NEXANS SA	\$602,594
NEXON CO LTD	\$1,635,200
NEXTAGE CO LTD	\$771,520
NIBE INDUSTRIER AB B SHS	\$4,256,549
NICHIHA CORP	\$1,253,932
NICKEL MINES LTD	\$456,587
NIDEC CORP	\$5,254,865
NIEN MADE ENTERPRISE CO LTD	\$1,617,640
NIHON PARKERIZING CO LTD	\$462,625
NIKON CORP	\$250,901
NILFISK HOLDING A/S	\$161,268
NINETY ONE PLC	\$107,199
NINTENDO CO LTD	\$2,445,301
NIPPON GAS CO LTD	\$801,197
NIPPON TELEGRAPH + TELEPHONE	\$1,867,251
NIPPON TELEVISION HOLDINGS	\$192,488
NISHI NIPPON FINANCIAL HOLDI	\$103,635
NISSAN TOKYO SALES HOLDINGS	\$26,566
NISSAI ASB MACHINE CO LTD	\$889,269
NOMURA HOLDINGS INC	\$204,631
NORCROS PLC	\$51,854
NORDEA BANK ABP	\$3,207,361
NORDIC ENTERTAINMENT GROUP B	\$488,037
NORTH WEST CO INC/THE	\$710,450
NORWEGIAN KRONE	-\$3
NOVA LTD	\$971,179
NOVARTIS AG REG	\$5,016,509
NOVATEK MICROELECTRONICS COR	\$1,146,200
NOVO NORDISK A/S B	\$3,601,984
NUVEI CORP SUBORDINATE VTG	\$855,113
OCI NV	\$435,493

OKAMURA CORP	\$254,585
OLYMPUS CORP	\$8,440,890
ONESP WORLD HOLDINGS LTD	\$1,030,128
OPEN HOUSE CO LTD	\$1,048,797
OPTORUN CO LTD	\$300,432
ORIENT OVERSEAS INTL LTD	\$185,444
ORION OYJ CLASS A	\$244,098
ORION OYJ CLASS B	\$214,987
OTP BANK PLC	\$2,000,984
OXFORD INSTRUMENTS PLC	\$1,069,865
OZ MINERALS LTD	\$374,464
PAGEGROUP PLC	\$944,639
PANASONIC CORP	\$96,132
PAREX RESOURCES INC	\$368,632
PERNOD RICARD SA	\$4,912,873
PET CENTER COMERCIO E PARTIC	\$452,287
PETKIM PETROKIMYA HOLDING AS	\$921
PETRO RIO SA	\$400,454
PHILIP MORRIS INTERNATIONAL	\$6,746,021
PHILIPPINE PESO	\$534
PIGEON CORP	\$899,604
PILOT CORP	\$186,323
PING AN INSURANCE GROUP CO H	\$2,942,759
POLISH ZLOTY	\$4,266
POLYPEPTIDE GROUP AG	\$393,948
POU CHEN	\$153,744
POUND STERLING	\$301
PREMIER ANTI AGING CO LTD	\$363,781
PRIMAX ELECTRONICS LTD	\$724,199
PROSIEBENSAT.1 MEDIA SE	\$3,497,553
PROSUS NV	\$3,525,734
PRUDENTIAL PLC	\$2,137,673
PT XL AXIATA TBK	\$642,770
PUBLICIS GROUPE	\$649,974
QOL HOLDINGS CO LTD	\$1,064,150
QT GROUP OYJ	\$419,267
QUANTA COMPUTER INC	\$25,123
RADIANT OPTO ELECTRONICS COR	\$26,164
RAIA DROGASIL SA	\$2,843,458
RAIFFEISEN BANK INTERNATIONA	\$798,686
RASA CORPORATION	\$14,596
RATHBONES GROUP PLC	\$1,048,685
FRANKLIN TEMPLETON - PP	\$1,048,685
RATIONAL AG	\$3,225,460
RATOS AB B SHS	\$133,972
REACH PLC	\$91,077
RECRUIT HOLDINGS CO LTD	\$2,316,335

RELIANCE INDS SPONS GDR 144A	\$4,130,951
RELX PLC	\$5,182,896
REMY COINTREAU	\$2,857,067
RHB BANK BHD	\$541,886
RHYTHM CO LTD	\$12,861
RICHELIEU HARDWARE LTD	\$275,394
RIGHTMOVE PLC	\$3,422,426
RIO TINTO PLC	\$631,244
RIO TINTO PLC SPON ADR	\$556,610
RITCHIE BROS AUCTIONEERS	\$2,424,345
ROCHE HOLDING AG GENUSSSCHEIN	\$5,989,095
ROYAL UNIBREW	\$774,016
RTL GROUP	\$37,900
RVRC HOLDING AB	\$209,428
RYANAIR HOLDINGS PLC SP ADR	\$2,031,751
RYOHIN KEIKAKU CO LTD	\$3,310,578
S.O.I.T.E.C.	\$819,446
S4 CAPITAL PLC	\$626,632
SAMSUNG CARD CO	\$25,158
SAMSUNG ELECTRONICS CO LTD	\$19,780,404
SANDNES SPAREBANK	\$46,919
SANDS CHINA LTD	\$2,275,486
SANDVIK AB	\$8,981,281
SANLORENZO SPA/AMEGLIA	\$1,320,894
SANOFI	\$7,451,135
SANTANDER BANK POLSKA SA	\$84,867
SANTOS BRASIL PARTICIPACOES	\$324,104
SARTORIUS AG VORZUG	\$4,334,081
SARTORIUS STEDIM BIOTECH	\$1,333,071
SBANKEN ASA	\$676,397
SCHAEFFLER AG PREF	\$214,696
SCHNEIDER ELECTRIC SE	\$5,777,090
SEEK LTD	\$2,397,175
SEIKO EPSON CORP	\$26,408
SEOUL SEMICONDUCTOR CO LTD	\$22,844
SEVEN GROUP HOLDINGS LTD	\$571,373
SGIS SONGSHAN CO LTD A	\$40,846
SHANDONG PUBLISHING + MEDI A	\$343,079
SHANGHAI HAOHAI BIOLOGICAL H	\$877,425
SHANGHAI M+G STATIONERY IN A	\$23,504
SHANXI TAIGANG STAINLESS A	\$356,565
SHIMA SEIKI MFG LTD	\$898,257
SHIMAMURA CO LTD	\$326,552
SHIMANO INC	\$4,819,398
SHINHAN FINANCIAL GROUP LTD	\$317,907
SHINYOUNG SECURITIES CO LTD	\$40,754
SHISEIDO CO LTD	\$3,003,665

SHOPIFY INC CLASS A	\$5,277,060
SIEGFRIED HOLDING AG REG	\$2,024,339
SIG COMBIBLOC GROUP AG	\$469,211
SILICON MOTION TECHNOL ADR	\$547,863
SINGAPORE DOLLAR	\$51,387
SINGAPURA FINANCE LTD	\$18,972
SINON CORP	\$229,341
SK MATERIALS CO LTD	\$961,424
SKYWORTH GROUP LTD	\$56,705
SMC CORP	\$5,264,303
SMITHS NEWS PLC	\$29,300
SNT ENERGY CO LTD	\$41,066
SOCIETE GENERALE SA	\$1,509,688
SODA NIKKA CO LTD	\$1,487
SOFTBANK GROUP CORP	\$2,045,500
SOLUTIONS 30 SE	\$80,000
SONOVA HOLDING AG REG	\$1,906,122
SONY GROUP CORP	\$5,924,426
SOULBRAIN CO LTD/NEW	\$352,007
SOUTH AFRICAN RAND	\$1,430
SOUTH KOREAN WON	\$15,004
SOUTH32 LTD DI	\$1,745,551
SPAREBANKEN SOR	\$19,983
SPOTIFY TECHNOLOGY SA	\$2,976,096
SQUARE ENIX HOLDINGS CO LTD	\$685,089
STABILUS SA	\$1,320,125
STANTEC INC	\$404,719
STAR PETROLEUM REFINING PCL	\$132,410
STATE STREET BANK + TRUST CO	\$22,723,860
STELLA JONES INC	\$111,188
STILLFRONT GROUP AB	\$75,766
STOCK SPIRITS GROUP PLC	\$1,229,140
STORYTEL AB	\$184,512
SUGI HOLDINGS CO LTD	\$970,628
SUGIMOTO + CO LTD	\$29,273
SUL AMERICA SA UNITS	\$449,159
SUMITOMO HEAVY INDUSTRIES	\$79,953
SUMITOMO MITSUI FINANCIAL GR	\$2,543,211
SUNCOR ENERGY INC	\$4,630,182
SUZUKEN CO LTD	\$102,644
SUZUKI MOTOR CORP	\$1,668,794
SWATCH GROUP AG/THE BR	\$525,023
SWEDISH KRONA	\$172
SWISS FRANC	\$39,683
SYNNEX TECHNOLOGY INTL CORP	\$200,951
SYSMEX CORP	\$3,639,247
TAEKWANG INDUSTRIAL CO LTD	\$56,946

TAIWAN SEMICONDUCTOR MANUFAC	\$7,175,236
TAIWAN SEMICONDUCTOR SP ADR	\$9,798,928
TASEKO MINES LTD	\$114,739
TCL ELECTRONICS HOLDINGS LTD	\$42,330
TECHNO RYOWA LTD	\$10,689
TECHNOGYM SPA	\$2,418,369
TECHNOPRO HOLDINGS INC	\$1,136,535
TECHTRONIC INDUSTRIES CO LTD	\$4,527,654
TELENOR ASA	\$2,166,872
TELKOM INDONESIA PERSERO ADR	\$1,985,709
TEN SQUARE GAMES SA	\$40,792
TENARIS SA	\$142,484
TENCENT HOLDINGS LTD	\$16,348,706
TERNIUM SA SPONSORED ADR	\$1,352,369
TESCO PLC	\$2,747,140
TEXWINCA HOLDINGS LTD	\$31,893
TFI INTERNATIONAL INC	\$1,150,161
TGS ASA	\$603,528
THAI BEVERAGE PCL	\$1,003,160
THAILAND BAHT	\$4,989
THULE GROUP AB/THE	\$1,529,374
THUNGELA RESOURCES LTD	\$12,338
TIGERS POLYMER CORP	\$26,352
TIM SA	\$31,200
TIS INC	\$2,055,093
TMX GROUP LTD	\$2,506,291
TOCHIGI BANK LTD/THE	\$76,572
TOKAI CORP/GIFU	\$245,413
TOKYO ELECTRON LTD	\$43,319
TOKYO SEIMITSU CO LTD	\$22,660
TOPCON CORP	\$494,457
TOPKEY CORP	\$490,229
TOSHIBA CORP	\$281,399
TOURMALINE OIL CORP	\$1,050,053
TOWA PHARMACEUTICAL CO LTD	\$124,249
TOYO TIRE CORP	\$803,892
TRAINLINE PLC	\$1,302,159
TRELLEBORG AB B SHS	\$623,761
TRIP.COM GROUP LTD ADR	\$1,606,515
TRIPOD TECHNOLOGY CORP	\$1,032,032
TRITAX BIG BOX REIT PLC	\$189,394
TSINGTAO BREWERY CO LTD H	\$4,392,153
TSUMURA + CO	\$1,640,594
TSURUMI MANUFACTURING CO LTD	\$29,701
TURK TRAKTOR VE ZIRAAT MAKIN	\$13,653
TURKISH LIRA	\$138
TV ASAHI HOLDINGS CORP	\$50,772



UBISOFT ENTERTAINMENT	\$1,551,895
ULVAC INC	\$25,363
UNID CO LTD	\$27,632
UNILEVER PLC	\$2,918,840
UNIPOL GRUPPO SPA	\$372,935
UNITED OVERSEAS BANK LTD	\$5,100,209
USHIO INC	\$449,932
V ZUG HOLDING AG	\$18,487
VALE SA	\$309,201
VALMET OYJ	\$49,855
VALUE PARTNERS GROUP LTD	\$762,089
VEDAN INTERNATIONAL HOLDINGS	\$45,574
VESTAS WIND SYSTEMS A/S	\$2,386,883
VETOQUINOL SA	\$26,538
VIA OPTRONICS AG	\$446,556
VINCENT MEDICAL HOLDINGS LTD	\$40,402
VIVA BIOTECH HOLDINGS	\$1,233,884
VNET GROUP INC ADR	\$422,991
AMERICAN CENTURY INV MGMT - PP	\$422,991
VOESTALPINE AG	\$380,727
VOLKSWAGEN AG PREF	\$4,765,544
VOLVO AB B SHS	\$2,190,081
VONOVIA SE	\$1,647,482
VONTOBEL HOLDING AG REG	\$694,051
VTECH HOLDINGS LTD	\$1,557,975
WALMART DE MEXICO SAB DE CV	\$8,422,119
WARSAW STOCK EXCHANGE	\$110,972
WATCHES OF SWITZERLAND GROUP	\$1,150,100
WEIR GROUP PLC/THE	\$1,440,906
WENDEL	\$126,278
WEST FRASER TIMBER CO LTD	\$883,935
WH SMITH PLC	\$416,526
WHITECAP RESOURCES INC	\$652,066
WISTRON CORP	\$26,703
WNS HOLDINGS LTD ADR	\$788,636
WOLTERS KLUWER	\$9,558,467
WOORI FINANCIAL GROUP INC	\$190,893
WPP PLC	\$3,705,509
WULIANGYE YIBIN CO LTD A	\$1,774,537
XERO LTD	\$2,987,069
XIABUXIABU CATERING MANAGEME	\$419,272
XIWANG SPECIAL STEEL CO LTD	\$11,891
XTEP INTERNATIONAL HOLDINGS	\$2,353,549
YACHIYO INDUSTRY CO LTD	\$13,785
YAMADA HOLDINGS CO LTD	\$498,718
YAMAHA CORP	\$2,835,985
YAMAHA MOTOR CO LTD	\$310,190

YANG MING MARINE TRANSPORT	\$445,402
YAPI VE KREDI BANKASI	\$10,802
YATSEN HOLDING LTD ADR	\$1,234,797
YONGGAO CO LTD A	\$204,391
YUAN RENMINBI	\$13,058
YUANTA FINANCIAL HOLDING CO	\$1,330,700
YUM CHINA HOLDINGS INC	\$7,737,536
YUSHIN PRECISION EQUIPMENT	\$35,628
ZALANDO SE	\$6,078,256
ZEON CORP	\$684,096
ZHEJIANG MEIDA INDUSTRIAL A	\$35,929
ZHEJIANG SEMIR GARMENT CO A	\$550,760
ZIM INTEGRATED SHIPPING SERV	\$452,355
ZOJIRUSHI CORP	\$347,642
ZUR ROSE GROUP AG	\$974,506
<b>Total Holdings</b>	<b>\$2,522,530,004</b>

**Private Investments Asset Class**

**Security Holdings**

Security Name	Market Value
AFFINITY ASIA PACIFIC FUND III	\$694,219
AFFINITY ASIA PACIFIC FUND IV	\$11,331,617
AMERICAN SECURITIES PRTNRS VII	\$21,185,561
AMERICAN SECURITIES PTRNS VI	\$26,301,179
ANGELES EQUITY PARTNERS I, LP	\$12,935,161
ASCENDENT CAPITAL PARTNERS III	\$9,210,707
AUDAX PRIVATE EQ FUND IV	\$1,132,418
AUDAX PRIVATE EQUITY V	\$14,352,906
AXIOM ASIA IV LP	\$54,602,750
AXIOM ASIA PRIVATE CAP FND III	\$74,953,741
AXIOM ASIA PRIVATE CAP FUND II	\$13,060,281
AXIOM ASIA V LP	\$31,818,485
AXIOM ASIA VI LP	\$4,580,905
BDCM OPPORTUNITY FUND III LP	\$29,700,507
BIGCOMMERCE HOLDINGS SER 1	\$5,255,988
BLUE SAGE CAPITAL III LP	\$11,212,600
BRIN NON US TRUST 2001 PRIM	\$38,134
BRINSON NON U.S. TRUST 2000	\$86,999
BRINSON NON US PTRSP 2002 PRIM	\$33,706
BRINSON NON US PTRSP 2004 PRIM	\$100,198
BRINSON NON US TRUST 2003 PRIM	\$63,786
BRINSON PTRSHP 1998 PRIMARY FD	\$18,911
BRINSON PTRSHP 1999 PRIMARY FD	\$119,125
BRINSON PTRSHP 2000 PRIMARY FD	\$356,943
BRINSON PTRSHP 2001 PRIMARY FD	\$1,091,766
BRINSON PTRSHP 2002 PRIMARY FD	\$419,684
BRINSON PTRSHP 2002 SECONDARY	\$214,817
BRINSON PTRSHP 2003 PRIMARY FD	\$1,165,843
BRINSON PTRSHP 2003 SECONDARY	\$108,041
BRINSON PTRSHP 2004 PRIMARY FD	\$1,024,748
BRV VI, L.P.	\$18,586,061
BUILDERS VC ENTREPRENUERS FD I	\$9,075,709
BUILDERS VC FUND I	\$22,888,505
BUILDERS VC FUND II LP	\$3,750,000
CAPITALSPRING INVEST PRTNRS VI	\$3,209,031
CAPITALSPRING INVESTMENT V	\$31,695,714
CARLYLE VENTURE PARTNERS III	\$492,463
CATALYST FUND IV PARALLEL LP	\$7,191,641
CATALYST FUND LP IV	\$1,997,825
CCMP CAPITAL INVESTORS III, L	\$23,074,988
CENTERBRIDGE CAP PARTNERS III	\$21,965,722
CENTERBRIDGE CAPITAL PTRNS II	\$4,260,584
CENTERBRIDGE SPEC CR III	\$7,172,982
CENTERBRIDGE SPEC CR III FLX	\$15,644,290

CENTERBRIDGE SPECIAL CREDIT II	\$1,431,346
CENTERBRIDGE SPECIAL CREDIT PR	\$263,852
CRESCENT ASIA CONS AND DVF II	\$48,847,229
DEERPATH CAPITAL ADVANTAGE IV	\$60,268,740
DEERPATH CAPITAL ADVANTAGE V	\$30,372,518
DFW CAPITAL PARTNERS V, LP	\$22,789,580
DOVER STREET IX	\$14,762,716
DOVER STREET VII LP	\$1,393,448
DOVER STREET VIII LP	\$7,768,121
EUREKA III, L.P	\$15,141,340
FOUNDATION CAP LEADERSHIP F II	\$12,898,476
FOUNDATION CAPITAL IX LP	\$24,549,663
GOLDENTREE DISTR CO INVEST III	\$14,170,128
GOLDENTREE DISTRESSED FUND III	\$46,839,440
GRIDIRON CAPITAL FUND II	\$7,067,200
GRIDIRON CAPITAL FUND III	\$48,502,104
GUARDIAN CAPITAL PART FD II	\$34,337,535
HARBOURVEST 2007 DIRECT	\$879,639
HARBOURVEST INTL PVT EQTY VI	\$18,313,251
HCI EQUITY PARTNERS III	\$7,364,924
HCI EQUITY PARTNERS IV LP	\$35,278,390
HKW CAPITAL PARTNERS IV, L.P	\$9,482,034
HKW CAPITAL PARTNERS V LP	\$27,097,507
ISHARES RUSSELL 2000 ETF	\$58,825,148
JLL PARTNERS FD VII, LP	\$27,869,852
JLL PARTNERS FUND V LP	\$2,521,678
KINDERHOOK CAPITAL FD V, LP	\$43,969,718
KINDERHOOK CAPITAL FUND IV,LP	\$27,488,920
KINDERHOOK CAPITAL FUND VI LP	\$9,259,341
LEVINE LEICHTMAN CAPITAL VI LP	\$25,003,906
LEXINGTON CAPITAL PARTNERS VIB	\$2,382,165
LEXINGTON CAPITAL PTNRS VII LP	\$8,877,087
LEXINGTON CAPITAL PTRS V LP	\$193,604
LEXINGTON MID MARKET II LP	\$2,797,768
MATLIN PATTERSON GLB OPP	\$110,432
MCCARTHY CAPITAL FUND VI, LP	\$37,567,174
MCCARTHY CAPITAL FUND VII LP	\$2,199,273
MHR INSTITUTIONAL III	\$11,947,926
NB CO INVESTMENT PARTNERS LP	\$2,258,878
NB STRAT CO INV PARTNERS FD IV	\$6,366,334
NB STRATEGIC CO INVEST II, LP	\$8,049,601
NB STRATEGIC CO INVEST III LP	\$22,727,361
NORTHGATE V LP	\$58,717,789
NORTHGATE VENTURE PTNRS VI	\$30,696,914
OAK HILL CAPITAL PARTNERS II	\$351,294
OAK HILL III	\$4,697,565
OAKTREE CPTL MGMT OPPTY FD VII	\$63,358

OCM OPPORTUNITIES FUND VIII LP	\$363,621
OCP ASIA FUND III LP	\$80,495,003
OCP ASIA FUND IV US LP	\$12,028,935
ODYSSEY INVESTMENT PART FD V	\$28,566,959
ODYSSEY INVESTMENT PRTNS FD VI	\$19,185,505
ODYSSEY INVESTMENT PTNRS IV	\$2,733,380
OPUS CAPITAL VENTURE VI	\$1,830,356
ORCHARD LANDMARK II LP	\$37,517,686
PANGAEA THREE LP	\$13,498,802
PANGAEA TWO LP	\$17,125,753
PERFORMANCE VENTURE CAPITAL II	\$29,625,364
PINE BROOK FUND II, L.P	\$28,642,463
PORTFOLIO ADVISORS FUND V(B)	\$4,182,258
PORTFOLIO ADVISORS IV (B)	\$6,085,195
PORTFOLIO ADVISORS IV (E)	\$1,733,771
PORTFOLIO ADVISORS SECONDARY	\$1,269,744
RIVERGLADE CAPITAL, L.P.	\$16,409,076
SIGULER GUFF SBO FUND II LP	\$15,212,736
SIGULER GUFF SM BUYOUT	\$3,263,198
SOUTHERN CAPITAL FUND III LP	\$9,985,212
SPIRE CAPITAL PARTNERS III LP	\$10,341,887
STATE STREET BANK + TRUST CO	\$22,942,938
STERLING CAPITAL PARTNERS IV	\$11,788,014
SUMERU EQUITY PARTNERS III LP	\$29,864,463
TENAYA CAPITAL VI LP	\$20,832,476
TENAYA CAPITAL VII LP	\$15,341,988
TENEX CAPITAL PARTNERS II, LP	\$38,161,762
TENEX CAPITAL PARTNERS III LP	\$2,848,706
TENEX CAPITAL PARTNERS LP	\$7,217,968
TERRA FIRMA III LIMITED PART	\$109,999
TREE LINE DIRECT LENDING II LP	\$42,494,752
TRILANTIC CAPITAL PARTNERS	\$12,213,327
TRILANTIC CAPITAL PARTNERS IV	\$617,078
US DOLLAR	\$2,904,249
VERITAS CAPITAL FD VI LP	\$61,737,797
VERITAS CAPITAL FUND V LP	\$43,378,576
VERITAS CAPITAL FUND VII, L.P	\$22,623,823
VERITAS CAPITAL PARTNERS IV	\$2,963,702
VIDA INSURANCE CRD OPP FD II	\$43,351,929
VIDA INSURANCE CRD OPP FD III	\$38,725,851
WCAS CAPITAL PARTNERS FUND IV	\$1,109,506
<b>Grand Total</b>	<b>\$2,144,265,319</b>

Real Assets Asset Class	
Security Holdings	
Security Name	Market Value
ANTERO MIDSTREAM CORP	\$ 4,935,250
ARCLIGHT ENERGY PART FD VI LP	\$ 13,323,082
ARCLIGHT ENERGY PARTNERS FD V	\$ 5,608,226
BP MIDSTREAM PARTNERS LP	\$ 7,602,000
COPENHAGEN INFRASTRUCTURE IV	\$ 8,771,263
CRESTWOOD EQUITY PARTNERS LP	\$ 2,398,400
DCP MIDSTREAM LP	\$ 6,138,000
DENHAM INTL POWER FUND LP	\$ 29,421,791
ECOSYSTEM INVESTMENT PTRS IV	\$ 12,086,409
EIF US POWER FUND IV LP	\$ 17,591,716
ENBRIDGE INC	\$ 680,680
ENERGY TRANSFER LP	\$ 14,350,500
ENLINK MIDSTREAM LLC	\$ 9,904,500
ENTERPRISE PRODUCTS PARTNERS	\$ 9,893,300
GENESIS ENERGY L.P.	\$ 2,554,200
KIMMERIDGE ENERGY EXPLOR FD IV	\$ 9,724,276
KIMMERIDGE ENERGY EXPLOR FD V	\$ 57,238,428
KINDER MORGAN INC	\$ 7,747,750
MAGELLAN MIDSTREAM PARTNERS	\$ 10,515,650
MOLPUS WOODLANDS FUND III LP	\$ 40,314,247
MOUNTAIN CAPITAL PARTNERS, LP	\$ 28,362,377
MPLX LP	\$ 12,732,300
ORM TIMBER FUND III LLC	\$ 30,077,360
ORM TIMBER FUND IV LLC	\$ 10,679,775
PHILLIPS 66 PARTNERS LP	\$ 5,919,000
PLAINS ALL AMER PIPELINE LP	\$ 7,952,000
PLAINS GP HOLDINGS LP CL A	\$ 8,358,000
QUINTANA ENERGY PARTNERS TE LP	\$ 561,216
RMS FOREST GROWTH III LP	\$ 18,546,251
SHELL MIDSTREAM PARTNERS LP	\$ 8,123,500
SILVER CREEK AGG RESERVES FD I	\$ 6,738,265
STATE STREET BANK + TRUST CO	\$ 14,583,720
TARGA RESOURCES CORP	\$ 14,712,950
TC ENERGY CORP	\$ 693,280
TRILANTIC ENERGY	\$ 9,670,908
TRILANTIC ENERGY PARTNERS II	\$ 9,317,884
TSY INFL IX N/B	\$ 134,669,777
WARWICK PARTNERS III, L.P.	\$ 19,610,444
WESTERN MIDSTREAM PARTNERS L	\$ 11,245,500
WHITE DEER ENERGY II LP	\$ 10,829,687
WHITE DEER ENERGY III	\$ 12,119,315
WILLIAMS COS INC	\$ 4,646,250
<b>Grand Total</b>	<b>\$ 650,949,427</b>

Real Estate Asset Class	
Security Holdings	
Security Name	Market Value
552992935 JPM STRATEGIC PROPRT	\$82,046,080
ABR CHESAPEAKE FUND IV	\$2,404,809
AG CORE PLUS REALTY FD II	\$29,966
AG CORE PLUS REALTY FD III	\$2,757,277
AG CORE PLUS REALTY FD IV LP	\$18,074,407
AG CREDO III	\$61,603,575
AG REALTY FUND VII LP	\$230,670
AG REALTY REALTY FUND IX LP	\$17,183,736
AG REALTY REALTY FUND VIII	\$4,680,954
AG REALTY VALUE FUND X US LP	\$12,449,553
ALMANAC REALTY SECURITIES V	\$58,740
AMERICAN CORE REALTY FUND LLC	\$80,484,909
BELL INSTITUTIONAL FUND VI, LP	\$22,523,093
BELL INSTITUTIONAL FUND VII LP	\$9,566,163
BKM INDUSTRIAL VALUE FUND II	\$33,181,061
BPG INVESTMENT PARTNERSHIP IX	\$2,805,798
CARLYLE EUROPE R E P III L P	\$542,767
CBRE STRAT PRTNS US VALUE 7	\$29,761
CBRE STRATEGIC PART US VALUE 8	\$22,187,450
CBRE STRATEGIC PART US VALUE 9	\$12,023,573
CENTERBRIDGE PTNRS REAL ESTATE	\$19,562,415
CENTERSQUARE DOMESTIC REIT MU6	\$195,040,809
CIM FUND III	\$10,211,301
DRA ADVISORS VI	\$953,844
DRA GROWTH AND INCOME FUND VII	\$2,199,422
DRA GROWTH AND INCOME FUND X	\$7,669,809
DRA GROWTH AND INCOME IX,LLC	\$18,595,709
DRA GROWTH AND INCOME VIII	\$11,233,843
EQUUS INVT PARTNERSHIP X LP	\$10,723,395
FIDELITY ADVISOR SER IV	\$157,927,869
GEM REALTY FUND IV LP	\$61,684
GEM REALTY FUND V, LP	\$10,973,720
GEM REALTY FUND VI LP	\$12,994,409
HAMMES PARTNERS III, L.P.	\$10,249,082
HARBERT US RE FUND V, LP	\$5,961,914
HEITMAN AMERICA RE TRUST LP	\$77,105,142
HUDSON REALTY CAPITAL FUND IV	\$2,832,139
LANDMARK REP VI	\$818,497
LIQUID REALTY FUN IV	\$708,737
OAK STREET RE CAPITAL FUND V	\$12,551,941
OAK STREET REAL ESTATE IV	\$16,150,695
OCONNOR NTH AMER PROP PTNRS II	\$2,634,770
PCCP EQUITY VII	\$10,803,531
PRISA LP	\$85,682,193

STATE STREET BANK + TRUST CO	\$11,598,558
STERLING UNITED PROPERTIES II	\$21,431,348
STOCKBRIDGE VALUE FUND II	\$6,595,802
STOCKBRIDGE VALUE FUND III LP	\$22,374,082
STOLTZ REAL ESTATE FUND V	\$24,434,285
STOLTZ REAL ESTATE FUND VI, L.	\$18,755,183
THE REALTY ASSOCIATES FUND X	\$1,903,141
TRUAMERICA WORKFORCE HS FD I	\$13,861,582
UBS TRUMBULL PROPERTY FUND	\$65,401,962
US DOLLAR	\$2,417,271
VANGUARD REAL ESTATE ETF	\$102
VELOCIS FUND II LP	\$16,324,361
WALTON STREET RE DEBT FUND II	\$30,301,607
STOCKBRIDGE VALUE FUND IV LP	\$7,683,072
STOCKBRIDGE NICHE LOGISTICS FD	\$43,720,956
<b>Total Holdings</b>	<b>\$1,355,314,523</b>



**Core Fixed Income Asset Class**

**Manager Holdings**

<b>Security Name</b>	<b>Market Value</b>
<b>Montana Board of Investments</b>	<b>\$1,954,460,266</b>
<b>Reams Asset Management</b>	<b>\$150,794,714</b>
<b>State Street Global Advisors (Cash)</b>	<b>\$409,503</b>
<b>Total Holdings</b>	<b>\$2,105,664,482</b>

Core Fixed Income Asset Class	
Security Holdings	
Security Name	Market Value
ABBVIE INC	\$5,459,400
AFLAC INC	\$5,418,250
AID ISRAEL	\$5,693,450
AIR LIQUIDE FINANCE	\$7,691,625
ALIBABA GROUP HOLDING	\$10,496,040
ALTRIA GROUP INC	\$18,137,747
AMAZON.COM INC	\$20,175,800
APPLE INC	\$5,552,350
AVIS BUDGET RENTAL CAR FUNDING	\$4,470,523
BANK OF AMERICA CORP	\$33,111,840
BANK OF NY MELLON CORP	\$7,714,350
BARCLAYS PLC	\$7,738,080
BENCHMARK MORTGAGE TRUST	\$10,831,321
BERKSHIRE HATHAWAY INC	\$5,468,200
BLACKROCK INC	\$3,325,110
BOSTON PROPERTIES LP	\$5,240,610
BRAVO RESIDENTIAL FUNDING TRUS	\$16,633,039
BURLINGTN NORTH SANTA FE	\$2,561,675
CANTOR COMMERCIAL REAL ESTATE	\$8,625,195
CAPITAL ONE FINANCIAL CO	\$5,287,250
CARMAX AUTO OWNER TRUST	\$7,762,137
CITIBANK CREDIT CARD ISSUANCE	\$2,084,877
CITIGROUP COMMERCIAL MORTGAGE	\$14,149,902
CITIGROUP INC	\$8,619,439
CNA FINANCIAL CORP	\$4,501,920
COMCAST CORP	\$12,864,660
COMM MORTGAGE TRUST	\$17,517,420
CONSTELLATION BRANDS INC	\$7,530,810
CREDIT SUISSE GROUP AG	\$5,188,340
CVS HEALTH CORP	\$1,964,100
CVS PASS THROUGH TRUST	\$1,696,714
DELL EQUIPMENT FINANCE TRUST	\$16,132,155
DIAGEO CAPITAL PLC	\$8,350,780
DIAGEO INVESTMENT CORP	\$2,247,125
DISCOVER BANK	\$15,861,100
DISCOVER FINANCIAL SVS	\$2,865,030
ENTERPRISE FLEET FINANCING LLC	\$3,091,721
FANNIE MAE	\$39,553,621
FED HM LN PC POOL A95085	\$1,811,383
FED HM LN PC POOL C91782	\$6,097,615
FED HM LN PC POOL C91856	\$6,374,426
FED HM LN PC POOL C92036	\$2,553,331
FED HM LN PC POOL G08732	\$5,620,157
FED HM LN PC POOL G08733	\$2,590,873

FED HM LN PC POOL G08737	\$3,922,178
FED HM LN PC POOL G18590	\$1,850,458
FED HM LN PC POOL G60250	\$2,568,213
FED HM LN PC POOL J34696	\$3,669,985
FED HM LN PC POOL K91176	\$4,596,672
FED HM LN PC POOL K93542	\$5,062,868
FED HM LN PC POOL Q05201	\$596,560
FED HM LN PC POOL Q22726	\$752,560
FED HM LN PC POOL Q24133	\$4,318,944
FED HM LN PC POOL QA5292	\$9,990,079
FED HM LN PC POOL QB1976	\$13,326,503
FED HM LN PC POOL QK0093	\$15,333,636
FED HM LN PC POOL QN1099	\$10,498,708
FED HM LN PC POOL RB5011	\$9,948,112
FED HM LN PC POOL RE6103	\$6,856,254
FED HM LN PC POOL SB8011	\$5,455,988
FED HM LN PC POOL U89026	\$2,048,298
FED HM LN PC POOL U89049	\$1,867,534
FED HM LN PC POOL ZT1593	\$5,743,985
FEDERAL FARM CREDIT BANK	\$67,172,900
FEDERAL HOME LOAN BANK	\$29,055,440
FINANCE OF AMER STRUCTURED	\$12,050,997
FINANCE OF AMERICA STRUCTURED	\$14,255,886
FNMA POOL 469739	\$5,888,452
FNMA POOL 890291	\$2,393,353
FNMA POOL 931841	\$2,017,837
FNMA POOL AA7666	\$682,309
FNMA POOL AB6415	\$3,540,320
FNMA POOL AB9919	\$863,008
FNMA POOL AE9949	\$1,619,576
FNMA POOL AE9966	\$1,514,515
FNMA POOL AH4409	\$2,825,717
FNMA POOL AJ2850	\$854,295
FNMA POOL AJ7546	\$1,370,765
FNMA POOL AJ8075	\$4,253,608
FNMA POOL AL5528	\$5,738,451
FNMA POOL AL9992	\$5,712,017
FNMA POOL AM1785	\$4,110,085
FNMA POOL AM1928	\$5,909,755
FNMA POOL AM3455	\$3,924,654
FNMA POOL AR9198	\$5,667,210
FNMA POOL AS7388	\$3,631,205
FNMA POOL AS8966	\$1,320,624
FNMA POOL AT6308	\$3,763,367
FNMA POOL AT8381	\$2,550,243
FNMA POOL AT9147	\$4,864,533
FNMA POOL AU9332	\$1,416,813

FNMA POOL AV1455	\$2,012,555
FNMA POOL AV2381	\$1,473,330
FNMA POOL AV5984	\$878,749
FNMA POOL AX2366	\$1,462,406
FNMA POOL AZ0995	\$3,976,951
FNMA POOL BH7058	\$3,704,771
FNMA POOL BH9215	\$4,285,919
FNMA POOL BJ7881	\$8,370,011
FNMA POOL BM4550	\$21,044,358
FNMA POOL BP6750	\$14,152,556
FNMA POOL CA1532	\$4,016,655
FNMA POOL CA8252	\$5,863,696
FNMA POOL MA0878	\$1,629,370
FNMA POOL MA1438	\$2,161,397
FNMA POOL MA2863	\$2,129,627
FNMA POOL MA3099	\$5,072,680
FNMA POOL MA3664	\$6,755,329
FNMA POOL MA3867	\$11,880,962
FNMA POOL MA3868	\$10,964,480
FNMA POOL MA4100	\$15,597,531
FORD CREDIT AUTO OWNER TRUST/F	\$16,636,039
FREDDIE MAC	\$10,424,212
FRESB MULTIFAMILY MORTGAGE PAS	\$45,193,045
GENERAL MILLS INC	\$5,028,700
GILEAD SCIENCES INC	\$7,743,760
GNMA POOL 694406	\$341,704
GNMA POOL 706854	\$1,536,351
GOLDMAN SACHS GROUP INC	\$7,970,079
GOVERNMENT NATIONAL MORTGAGE A	\$33,239,852
GREAT AMERICA LEASING RECEIVAB	\$10,281,281
HERTZ VEHICLE FINANCING LLC	\$0
HOME DEPOT INC	\$3,212,640
HOUSING URBAN DEVELOPMNT	\$3,276,780
HPEFS EQUIPMENT TRUST	\$1,472,889
HSBC HOLDINGS PLC	\$8,566,720
IMPAC CMB TRUST	\$62,333
JP MORGAN CHASE COMMERCIAL MOR	\$4,293,033
JP MORGAN MORTGAGE TRUST	\$16,458,335
JPMORGAN CHASE + CO	\$17,903,350
KEYCORP	\$2,255,740
LIBERTY MUTUAL GROUP INC	\$5,180,750
LOCKHEED MARTIN CORP	\$4,289,400
MASTERCARD INC	\$3,376,650
MET LIFE GLOB FUNDING I	\$5,142,100
MICROSOFT CORP	\$5,567,350
MLCC MORTGAGE INVESTORS INC	\$333,323
MMAF EQUIPMENT FINANCE LLC	\$5,301,084

MONDELEZ INTERNATIONAL	\$3,160,470
MORGAN STANLEY	\$7,299,390
MORGAN STANLEY CAPITAL I TRUST	\$5,743,440
MUFG BANK LTD	\$5,022,050
NEW RESIDENTIAL MORTGAGE LOAN	\$16,436,093
NEXTERA ENERGY CAPITAL	\$5,526,500
NORFOLK SOUTHERN CORP	\$4,683,595
NUTRIEN LTD	\$18,068,293
ONDECK ASSET SECURITIZATION TR	\$2,492,757
ONSLOW BAY FINANCIAL LLC	\$9,851,915
ORACLE CORP	\$4,056,800
PFIZER INC	\$2,251,460
PHILLIPS 66	\$4,502,600
PNC FINANCIAL SERVICES	\$21,071,400
PRINCIPAL FINANCIAL GRP	\$5,964,145
PROLOGIS LP	\$3,127,200
PRUDENTIAL FINANCIAL INC	\$2,292,720
REAMS ASSET MGMT CO MU3J	\$150,794,714
RESIDENTIAL MORTGAGES LOANS	\$1,600,611
SEQUOIA MORTGAGE TRUST	\$2,713,909
SHELL INTERNATIONAL FIN	\$5,864,562
SIMON PROPERTY GROUP LP	\$6,531,780
STARBUCKS CORP	\$9,755,374
STATE STREET BANK + TRUST CO	\$43,445,388
SUNCOR ENERGY INC	\$1,343,248
TENN VALLEY AUTHORITY	\$5,094,550
TORONTO DOMINION BANK	\$15,043,350
TSY INFL IX N/B	\$29,160,202
UBS GROUP AG	\$7,161,720
UNION PACIFIC CORP	\$7,921,804
US TREASURY N/B	\$534,539,329
VALERO ENERGY CORP	\$21,017,363
VENTAS REALTY LP	\$18,454,860
VERIZON COMMUNICATIONS	\$7,808,995
VERIZON OWNER TRUST	\$5,086,683
VISA INC	\$21,774,560
VOLKSWAGEN AUTO LEASE TRUST	\$9,942,000
WELLS FARGO + COMPANY	\$8,480,560
WELLS FARGO MORTGAGE BACKED SE	\$3,300,067
WELLTOWER INC	\$7,729,260
WF RBS COMMERCIAL MORTGAGE TRU	\$5,394,269
WRKCO INC	\$7,596,700
<b>Total Holdings</b>	<b>\$2,105,664,482</b>

**Non-Core Fixed Income Asset Class****Manager Holdings**

<b>Security Name</b>	<b>Market Value</b>
Cohen & Steers	\$156,281,204
Neuberger Berman	\$179,651,229
Oaktree Capital Mgmt	\$215,838,942
Payden & Rygel	\$148,756,598
Shenkman Capital Mgmt	\$190,633,658
State Street Global Advisors (Cash)	\$486,723
<b>Total Holdings</b>	<b>\$891,648,354</b>

**Non-Core Fixed Income Asset Class****Security Holdings**

<b>Security Name</b>	<b>Market Value</b>
1011778 BC / NEW RED FIN	1,175,713
1MDB ENERGY LTD	1,031,850
1MDB GLOBAL INVESTMENTS	1,410,920
ABU DHABI CRUDE OIL	948,886
ACADEMY LTD	593,883
ACADIA HEALTHCARE CO INC	1,344,735
ACCO BRANDS CORP	14,815
ACRISURE LLC / FIN INC	306,832
ACURIS FIN US/ACURIS FIN	553,757
ACWA POWER MGMT INVST	476,945
ADANI ELECTRICITY MUMBAI	200,662
ADANI TRANSMISSION LTD	396,569
ADIENT US LLC	588,735
ADMI CORP	182,347
AECOM	456,892
AEGON FUNDING CO LLC	411,326
AERCAP GLOBAL AVIATION T	357,203
AES PANAMA GENERATION HL	366,468
AETHON UN/AETHIN UN FIN	673,595
AFFINITY GAMING	499,638
AHEAD DB HOLDINGS LLC	1,209,748
AHLSTROM MUNKSJO HLDG 3	388,650
AHP HEALTH PARTN	550,694
AHP HEALTH PARTNERS	1,487,748
AIRCASTLE LTD	222,209
ALBERTSONS COS/SAFEWAY	3,481,236
ALGONQUIN PWR + UTILITY	1,013,817
ALLIANT HOLD / CO ISSUER	856,915
ALLIED UNIVERSAL	3,377,286
ALLISON TRANSMISSION INC	502,575
ALLY FINANCIAL INC	2,036,764
ALTA EQUIPMENT GROUP	472,618
ALTICE FINANCING SA	1,412,124
ALTICE FRANCE HOLDING SA	1,848,933
ALTICE FRANCE SA	7,292,899
AMC NETWORKS INC	1,553,584
AMERICAN AIRLINES GROUP	925,775
AMERICAN AIRLINES INC	357,595
AMERICAN AIRLINES/AADVAN	3,442,813
AMERICAN AXLE + MFG INC	591,147
AMERICAN INTL GROUP	1,268,868
AMERIGAS PART/FIN CORP	224,303
AMKOR TECHNOLOGY INC	301,893
AMSTED INDUSTRIES	421,692

ANGLOGOLD HOLDINGS PLC	207,694
ANTERO MIDSTREAM PART/FI	2,565,586
ANTERO RESOURCES CORP	346,970
APACHE CORP	983,589
APEX TOOL / BC MOUNTAIN	396,860
APX GROUP INC	1,543,843
ARAB REPUBLIC OF EGYPT	3,306,222
ARAMARK SERVICES INC	4,010,394
ARCH CAPITAL GROUP LTD	551,765
ARCHES BUYER INC	364,882
ARCHROCK PARTNERS LP/FIN	2,201,469
ARCONIC CORP	1,263,471
ARD FINANCE SA	341,032
ARDAGH PKG FIN/HLDGS USA	2,062,452
ARES FINANCE CO	280,350
ARTERA SERVICES LLC	1,045,019
ASBURY AUTOMOTIVE GROUP	649,623
ASCENT RESOURCES UTICA	281,245
ASCENT RESOURCES/ARU FIN	1,909,605
ASGN INCORPORATED	654,700
ASSURANT INC	792,686
ASSUREDPARTNERS INC	1,490,368
AT HOME GROUP INC	971,975
ATHENAHEALTH INC	428,773
ATHENE HOLDING LTD	650,754
ATHENE HOLDING LTD DP	439,680
ATHORA NETHERLANDS	633,840
ATLAS LUXCO 4 / ALL UNI	1,972,816
AVANTOR FUNDING INC	914,997
AVIENT CORP	603,089
AVIS BUDGET CAR/FINANCE	786,941
AXA SA	599,269
AXIS SPECIALTY FINANCE	264,118
B+G FOODS INC	334,155
BANCO BILBAO VIZCAYA ARG	436,180
BANCO DE CREDITO DEL PER	369,304
BANCO SANTANDER SA	1,049,492
BANFF MERGER SUB INC	886,532
BANGKOK BANK PCL/HK	422,780
BANK LEUMI LE ISRAEL	433,087
BANK OF AMERICA CORP	5,886,345
BANK OF CHINA HONG KONG	538,395
BANK OF HAWAII CORP	540,176
BANK OF MONTREAL	535,205
BANK OF NOVA SCOTIA	1,142,960
BARCLAYS PLC	2,190,224
BATH + BODY WORKS INC	3,802,721



BAUSCH HEALTH AMERICAS	97,885
BAUSCH HEALTH COS INC	7,884,334
BAYTEX ENERGY CORP	651,476
BCPE EMPIRE HOLDINGS INC	1,187,573
BERRY GLOBAL INC	798,450
BIG RIVER STEEL/BRS FIN	645,986
BLOCK COMMUNICATIONS INC	208,778
BLOCK INC	819,673
BLUE RACER MID LLC/FINAN	404,305
BNP PARIBAS	2,751,454
BNQ CEN TUNISIA INT BOND	711,268
BOMBARDIER INC	1,459,343
BONOS DE TESORERIA	907,092
BONOS TESORERIA PESOS	1,016,151
BOXER PARENT CO INC	244,028
BOYD GAMING CORP	1,004,653
BOYNE USA INC	403,946
BP CAPITAL MARKETS PLC	2,882,195
BP9F31HW CDS USD P F 1.00000	(1,185,084)
BP9F31HW CDS USD R V 03MEVENT	1,175,000
BP9U2G8E CDS USD P F 1.00000	(1,061,096)
BP9U2G8E CDS USD R V 03MEVENT	1,040,000
BRAZILIAN REAL	95,045
BRF SA	591,773
BRIGHTHOUSE FINANCIAL IN	963,239
BRINK S CO/THE	948,387
BROADSTREET PARTNERS INC	326,310
BROOKFIELD BRP HOLDINGS	517,548
BROOKFIELD INFRA FIN ULC	247,015
BROOKFIELD INFRASTRUCTUR	391,824
BUCKEYE PARTNERS LP	2,975,176
BWAY HLDG CO	218,404
BY CROWN PARENT/BY BOND	138,221
C+W SENIOR FINANCING DAC	367,663
CABLEVISION LIGHTPATH	652,800
CAESARS ENTERTAIN INC	3,455,573
CAESARS RESORT / FINCO	720,850
CALLON PETROLEUM	343,723
CALLON PETROLEUM CO	19,302
CALPINE CORP	4,111,759
CAPITAL ONE FINANCIAL CO	550,297
CARLYLE FINANCE LLC	545,179
CARNIVAL CORP	2,769,073
CARNIVAL CORPORATION	218,278
CARPENTER TECHNOLOGY	329,079
CARS.COM INC	351,691
CARVANA CO	1,081,965

CASCADES INC/USA INC	1,545,197
CATALENT PHARMA SOLUTION	351,248
CCO HLDGS LLC/CAP CORP	4,687,822
CD+R SMOKEY BUYER INC	953,599
CDK GLOBAL INC	275,589
CDW LLC/CDW FINANCE	434,579
CEC ENTERTAINMENT LLC	199,992
CEDAR FAIR LP	604,072
CEDAR FAIR LP/CANADA S W	540,692
CEDAR FAIR/CAN/MAGNUM/MI	1,458,909
CEMEX SAB DE CV	375,147
CENTENE CORP	2,740,812
CENTRAL GARDEN + PET CO	280,624
CHAMPIONX CORP	378,573
CHANGE HEALTH / FIN INC	2,583,459
CHARLES SCHWAB CORP	4,580,161
CHENIERE CORP CHRISTI HD	263,373
CHENIERE ENERGY INC	770,106
CHENIERE ENERGY PARTNERS	1,029,679
CHESAPEAKE ENERGY CORP	631,046
CHILEAN PESO	18,426
CHS INC	490,224
CHS/COMMUNITY HEALTH SYS	5,100,878
CHURCHILL DOWNS INC	1,554,499
CIKARANG LISTRINDO PT	256,903
CINEMARK USA INC	1,147,842
CITGO PETROLEUM CORP	1,072,415
CITIGROUP GLOBAL MARKETS	1,249,969
CITIGROUP INC	7,014,144
CITIZENS FINANCIAL GROUP	390,684
CLARIOS GLOBAL LP	116,296
CLARIOS GLOBAL LP/US FIN	106,500
CLARIV SCI HLD CORP	1,123,590
CLEAN HARBORS INC	168,563
CLEAR CHANNEL OUTDOOR HO	790,817
CLEARWAY ENERGY OP LLC	288,547
CLEVELAND CLIFFS INC	1,612,036
CMS ENERGY CORP	778,316
CNO FINANCIAL GROUP INC	407,834
CNP ASSURANCES	630,024
CNX MIDSTREAM PTR/CNX	115,013
CNX RESOURCES CORP	553,425
COGENT COMMUNICATIONS GR	350,434
COLFAX CORP	91,980
COLGATE ENERGY P	914,426
COLGATE ENERGY PARTNERS	652,150
COLOMBIAN PESO	86,958

COMERICA INC	379,097
COMMERZBANK AG	434,884
COMMSCOPE INC	2,639,744
COMMSCOPE TECH LLC	2,678,071
COMPASS GROUP DIVERSIFIE	1,176,436
COMSTOCK RESOURCES INC	2,116,795
CONNECT FINCO SARL/CONNE	1,571,120
CONSOLIDATED COMMUNICATI	1,041,164
CONSTELLIUM SE	831,080
CONTINENTAL RESOURCES	399,930
CORELOGIC INC	784,356
CORNERSTONE BUILDING	832,583
COSTA RICA GOVERNMENT	2,359,761
COTY INC	1,054,976
COVANTA HOLDING CORP	2,037,921
CQP HOLDCO LP + BIP V CHINOOK	2,323,549
CREDIT AGRICOLE SA	3,150,290
CREDIT SUISSE GROUP AG	6,447,818
CROCS INC	219,876
CROWN AMER/CAP CORP VI	700,400
CROWNROCK LP/CROWNROCK F	1,170,772
CSC HOLDINGS LLC	8,264,982
CTR PARTNERSHIP/CARETRST	313,699
CUMULUS MEDIA NEW HLDGS	170,547
CUSHMAN + WAKEFIELD US	692,013
CVR ENERGY INC	30,008
DAE FUNDING LLC	225,709
DAI ICHI LIFE INSURANCE	1,092,136
DANA FINANCING LUX SARL	811,948
DANA INC	491,800
DANSKE BANK A/S	404,360
DAVIDS BRIDAL INC	-
DAVITA INC	2,492,460
DBI INVESTORS INC	55,579
DBIINVESTORSINC RIGHTS PVT	40,254
DCP MIDSTREAM OPERATING	1,463,883
DEALER TIRE LLC/DT ISSR	242,411
DELL INT LLC / EMC CORP	2,283,141
DELTA AIR LINES INC	668,981
DEPOSITORY TRUST + CLEAR	506,205
DEUTSCHE BANK AG	644,824
DEVELOPMENT BANK OF KAZA	655,157
DEVON ENERGY CORPORATION	14,491
DEVT BANK OF MONGOLIA	588,998
DIAMOND SPORTS GR/DIAMON	363,079
DIEBOLD NIXDORF INC	1,258,681
DISCOVER FINANCIAL SVS	190,788

DISH DBS CORP	3,899,734
DISH NETWORK CORP	1,025,140
DIVERSIFIED HEALTHCARE T	837,760
DOMINICAN REPUBLIC	2,596,486
DOMINION ENERGY INC	319,743
DP WORLD PLC	596,534
DRESDNER FNDG TRUST I	286,246
DT MIDSTREAM INC	1,277,822
DTE ENERGY CO	318,120
DUKE ENERGY CORP	458,922
DUN + BRADSTREET CORP	95,990
DYCOM INDUSTRIES INC	378,803
ECOPETROL SA	428,478
EDGEWELL PERSONAL CARE	880,954
EDISON INTERNATIONAL	737,753
ELDORADO GOLD CORP	456,532
EMERA INC	2,128,969
EMPIRE COMMUNITIES CORP	569,149
EMPRESAS PUBLIC MEDELLIN	379,995
ENBRIDGE INC	3,412,187
ENCINO ACQUISITION PARTN	498,858
ENCOMPASS HEALTH CORP	1,138,550
ENDEAVOR ENERGY RESOURCE	179,638
ENDURE DIGITAL INC	707,986
ENEL SPA	348,597
ENERGIZER HOLDINGS INC	1,315,260
ENERGY TRANSFER LP	1,575,971
ENLINK MIDSTREAM LLC	413,443
ENSTAR FINANCE LLC	594,462
ENSTAR GROUP LTD	591,600
ENTERCOM MEDIA CORP	228,275
ENVISION HEALTHCARE CORP	202,316
EPR PROPERTIES	623,967
EQM MIDSTREAM PARTNERS L	3,599,840
EQT CORP	1,857,990
EQUATE PETROCHEMICAL BV	202,144
EQUITABLE HOLDINGS INC	1,136,572
ESH HOSPITALITY INC	1,120,548
ESKOM HOLDINGS SOC LTD	223,198
EURO CURRENCY	73,568
FARM CREDIT BK OF TEXAS	813,750
FED REPUBLIC OF BRAZIL	1,489,074
FEL ENERGY VI SARL	380,366
FERMACA ENTERPRISES S RL	704,969
FERRELLGAS LP/FERRELLGAS	698,016
FIN DEPT GOVT SHARJAH	414,695
FIRST ABU DHABI BANK PJS	245,861

FIRST HORIZON CORP	335,940
FIRST QUANTUM MINERALS L	520,263
FIRSTCASH INC	177,728
FIRSTENERGY CORP	797,907
FIRSTENERGY TRANSMISSION	347,961
FLEX ACQUISITION CO INC	1,124,283
FMG RESOURCES AUG 2006	1,347,440
FONDO MIVIVIENDA SA	389,217
FORD MOTOR COMPANY	3,335,411
FORD MOTOR CREDI	261,950
FORD MOTOR CREDIT CO LLC	4,718,128
FORTERRA FIN LLC/FRTA FI	478,947
FORTRESS TRANS + INFRAST	546,835
FORWARDS BARCLAYS BANK COC	430,000
FREEPORT MCMORAN INC	675,476
FRONTIER COMMUNICATIONS	3,706,729
FUKOKU MUTUAL LIFE INSUR	887,666
FULTON FINANCIAL CORP	618,136
GAINWELL ACQUISITION CORP.	790,525
GALAXY PIPELINE ASSETS	716,856
GARDA WORLD SECURITY	1,891,621
GARDA WORLD SECURITY COR	879,112
GENERAL ELECTRIC CO	225,237
GENESIS ENERGY LP/FIN	1,823,963
GEOPARK LTD	457,628
GFL ENVIRONMENTAL INC	1,752,868
GLOBAL AIR LEASE CO LTD	1,519,178
GLOBAL ATLANTIC	650,754
GLOBAL INFRASTRUCTURE SO	456,606
GLOBAL MEDICAL RESPONSE	453,260
GLOBAL NET LEASE/GLOBAL	825,951
GLOBAL PART/GLP FINANCE	304,270
GLOBE LIFE INC	375,781
GMAC CAPITAL TRUST I	581,700
GO DADDY OPCO/FINCO	446,871
GOEASY LTD	1,481,446
GOLDEN NUGGET INC	690,288
GOLDMAN SACHS GROUP INC	970,500
GOODYEAR TIRE + RUBBER	4,525,606
GOVT OF BERMUDA	404,216
GRAFTECH FINANCE INC	480,725
GRAHAM PACKAGING/GPC CAP	878,268
GRANITE GENERATION LLC	180,972
GRANITE HOLDINGS US ACQ CO	231,469
GRANITE MERGER SUB 2 INC	45,540
GRAY TELEVISION INC	298,581
GREAT LAKES DREDGE+DOCK	665,885

GREAT OUTDOORS GROUP, LLC	983,475
GREYSTAR REAL ESTATE PAR	908,672
GRINDING MED/MOLY COP	1,656,482
GRUPO BIMBO SAB DE CV	421,680
GTCR AP FINANCE INC	822,784
GULFPORT ENERGY OP CORP	306,654
GYP HOLDINGS III CORP	724,939
H.B. FULLER CO	314,897
HANESBRANDS INC	535,092
HARSCO CORP	530,841
HARTFORD FINL SVCS GRP	602,294
HARVEST MIDSTREAM I LP	408,139
HAT HOLDINGS I LLC/HAT	645,362
HAWAIIAN BRAND INTELLECT	440,721
HCA INC	2,656,802
HELIOS SOFT/ION CORP SOL	269,759
HERC HOLDINGS INC	1,059,813
HERENS HOLDCO SARL	571,738
HESS MIDSTREAM OPERATION	651,824
HEXION INC	426,047
HILCORP ENERGY I/HILCORP	1,421,087
HILLENBRAND INC	91,193
HILTON GRAND VAC BOR ESC	1,756,714
HLF FIN SARL LLC/HERBALI	392,952
HOME POINT CAPITAL INC	97,923
HONDURAS GOVERNMENT	547,993
HOWMET AEROSPACE INC	436,436
HSBC BANK PLC	3,716,452
HSBC CAPITAL FUNDING USD	363,601
HSBC HOLDINGS PLC	2,658,308
HUB INTERNATIONAL LTD	2,296,822
HUDBAY MINERALS INC	889,573
HUGHES SATELLITE SYSTEMS	746,666
HUNGARIAN FORINT	13,936
HUNGARY GOVERNMENT BOND	1,211,935
HUNT COS INC	617,982
HUNTINGTON BANCSHARES	606,013
HUTAMA KARYA PERSERO PT	273,266
IAA INC	934,002
IHEARTCOMMUNICATIONS INC	1,371,671
IHO VERWALTUNGS GMBH	492,029
ILFC E CAPITAL TRUST I	420,810
ILLUMINATE BUYER/HLDG	1,546,145
IMOLA MERGER CORP	2,334,763
INDIGO NATURAL RES LLC	322,975
INDONESIA ASAHAN ALUMINI	785,961
INDONESIAN RUPIAH	-

INEOS QUATTRO FINANCE 2	247,440
ING GROEP NV	2,609,696
INGLES MARKETS INC	502,693
INTEGRYS HOLDING INC	530,000
INTELLIGENT PACKAGING	1,314,545
INTELSAT JACKSON HLDG	697,815
INTERFACE INC	497,468
INTERNATIONAL GAME TECH	2,118,895
INTERTAPE POLYMER GROUP	394,781
INTESA SANPAOLO SPA	802,424
ION TRADING TECHNOLOGIES	732,333
IQVIA INC	1,495,159
IRB HOLDING CORP	317,370
IRON MOUNTAIN INC	6,501,251
ISLAMIC REP OF PAKISTAN	384,860
ITAU UNIBANCO HLDG SA/KY	742,226
ITT HOLDINGS LLC	448,281
IVANTI SOFTWARE, INC.	608,560
IVORY COAST	1,000,789
JAGUAR HL / PPD	736,964
JAGUAR LAND ROVER AUTOMO	946,981
JAZZ SECURITIES DAC	586,204
JELD WEN INC	435,781
JOSEPH T RYERSON + SON I	434,058
JP MORGAN CHASE BANK NA	2,707,410
JPMORGAN CHASE + CO	7,611,685
KAR AUCTION SERVICES INC	3,590,790
KAZMUNAYGAS NATIONAL CO	1,487,982
KENNEDY WILSON INC	1,310,712
KINGDOM OF BAHRAIN	1,046,998
KINGDOM OF JORDAN	217,008
KINGDOM OF MOROCCO	941,314
KKR GROUP FIN CO IX LLC	436,886
KLABIN AUSTRIA GMBH	610,906
KORN/FERRY INTERNATIONAL	124,927
KRAFT HEINZ FOODS CO	3,758,445
KRATON POLYMERS LLC/CAP	866,907
LABL INC	1,618,804
LANCASHIRE HOLDINGS LTD	858,576
LAREDO PETROLEUM INC	537,601
LCM INVESTMENTS HOLDINGS	369,101
LCPR SR SECURED FIN DAC	679,535
LD HOLDINGS GROUP LLC	547,385
LEEWARD RENEWABL	294,643
LEGACY LIFEPOINT HEALTH	2,008,454
LEGENDS HOSPITALITY HOLD	401,316
LETRA TESOURO NACIONAL	477,632

LEVEL 3 FINANCING INC	2,470,501
LEVIATHAN BOND LTD	349,510
LGI HOMES INC	377,239
LIFE TIME INC	689,490
LIFEPOINT HEALTH INC	56,456
LIONS GATE CAPITAL HOLD	1,351,378
LITHIA MOTORS INC	253,761
LIVE NATION ENTERTAINMEN	2,787,170
LLOYDS BANKING GROUP PLC	1,848,212
LOGMEIN INC	793,045
LPL HOLDINGS INC	276,408
LUMEN TECHNOLOGIES INC	4,091,039
M+T BANK CORPORATION	386,768
MACQUARIE BANK LONDON	655,170
MADISON IAQ LLC	895,042
MAGNOLIA OIL GAS/MAG FIN	273,069
MALAYSIA GOVERNMENT	2,223,213
MALAYSIAN RINGGIT	32,089
MARB BONDCO PLC	192,750
MARKEL CORP	441,373
MARRIOTT INTERNATIONAL	338,424
MARRIOTT OWNERSHIP RESOR	463,416
MARRIOTT OWNERSHIP/ILG	1,690,780
MASONITE INTERNATIONAL C	766,342
MATADOR RESOURCES CO	674,761
MATCH GROUP HLD II LLC	482,683
MAUSER PACKAGING SOLUT	1,990,998
MEDNAX INC	593,062
MEG ENERGY CORP	378,845
MEIJI YASUDA LIFE INSURA	225,988
MELCO RESORTS FINANCE	364,599
MERCADOLIBRE INC	196,530
MERCER INTL INC	1,741,704
MEREDITH CORP	1,799,594
MERITAGE HOMES CORP	54,848
MERITOR INC	162,879
METHANEX CORP	805,653
METIS MERGER SUB LLC	448,968
METLIFE CAPITAL TRUST IV	689,470
METLIFE INC	2,332,305
MEX BONOS DESARR FIX RT	2,212,979
MEXICAN PESO (NEW)	197,967
MEXICAN UDIBONOS	2,949,805
MEXICO CITY ARPT TRUST	807,950
MGIC INVESTMENT CORP	429,215
MGM GROWTH/MGM FINANCE	347,292
MGM RESORTS INTL	1,693,328



MHP LUX SA	573,672
MICHAELS COS INC/THE	840,822
MICROCHIP TECHNOLOGY INC	346,569
MIDWEST GMNG BOR/MWG FIN	816,353
MILEAGE PLUS HLDINGS LLC	60,556
MILLICOM INTL CELLULAR	374,544
MINEJESA CAPITAL BV	520,565
MINERAL RESOURCES LTD	677,982
MIZRAHI TEFAHOT BANK LTD	232,378
MOLINA HEALTHCARE INC	1,060,153
MONGOLIA INTL BOND	1,653,842
MONMOUTH REIT	1,162,420
MORGAN STANLEY	2,327,498
MOSS CREEK RESOURCES HLD	789,254
MOTION BONDCO DAC	426,333
MPH ACQUISITION HOLDINGS	1,396,561
MPT OPER PARTNERSP/FINL	1,745,876
MSCI INC	257,048
MURPHY OIL CORP	911,159
MV24 CAPITAL BV	461,020
NABORS INDUSTRIES LTD	466,146
NATIONAL MENTOR HOLDINGS INC	349,702
NATIONAL MENTOR HOLDINGS, INC.	15,703
NATIONSTAR MTG HLD INC	93,383
NATWEST GROUP PLC	1,795,928
NAVIENT CORP	2,017,476
NAVISTAR INTL CORP	313,206
NBK TIER 1 FNC LTD	487,711
NBM US HOLDINGS INC	667,757
NCL CORPORATION LTD	1,756,290
NCL FINANCE LTD	409,737
NCR CORP	2,704,531
NETFLIX INC	772,316
NEW ENTERPRISE STONE + L	790,039
NEW FORTRESS ENERGY INC	1,695,530
NEW RESIDENTIAL INV CORP	490,417
NEWELL BRANDS INC	260,413
NEWMARK GROUP INC	511,500
NEXSTAR MEDIA INC	1,528,059
NEXTERA ENERGY CAPITAL	209,453
NEXTERA ENERGY OPERATING	345,883
NFP CORP	1,184,462
NGL ENRGY OP/FIN CORP	741,378
NGL ENRGY PART LP/FIN CO	468,013
NIELSEN CO LUX SARL/THE	509,093
NIELSEN FINANCE LLC/CO	2,732,220
NIPPON LIFE INSURANCE	663,000

NISOURCE INC	429,900
NORDEA BANK ABP	689,172
NORTHWEST FIBER LLC/NORT	504,111
NOTA DO TESOURO NACIONAL	1,636,970
NOVA CHEMICALS CORP	1,427,060
NOVELIS CORP	1,403,201
NRG ENERGY INC	2,336,291
NUFARM AUSTRALIA/AMERICA	1,037,139
NUSTAR LOGISTICS LP	1,166,403
OASIS MIDSTREAM PARTNERS	441,867
OASIS PETROLEUM INC	500,174
OCCIDENTAL PETROLEUM COR	6,872,126
OCEANEERING INTL INC	544,552
OCI NV	756,797
OLIN CORP	1,995,819
OMAN GOV INTERNTL BOND	2,452,650
ON SEMICONDUCTOR CORP	340,095
ONEMAIN FINANCE CORP	3,402,579
ORGANON + CO/ORG	1,681,123
ORTHO CLINICAL INC/SA	2,033,057
OUTFRONT MEDIA CAP LLC/C	1,080,212
OWENS + MINOR INC	421,353
PACTIV EVERGREEN GROUP	1,305,716
PAR PHARMACEUTICAL INC	1,881,050
PARK INTERMED HOLDINGS	1,735,942
PARKLAND CORP	432,654
PARTNERRE FINANCE B LLC	421,849
PDC ENERGY INC	1,195,645
PENNYMAC FIN SVCS INC	549,263
PENSKE AUTOMOTIVE GROUP	246,518
PERFORMANCE FOOD GROUP I	1,991,065
PERTAMINA PERSERO PT	401,084
PERUSAHAAN LISTRIK NEGAR	492,558
PETROLEOS MEXICANOS	3,503,543
PETRONAS CAPITAL LTD	246,429
PETSMART INC/PETSMART FI	1,258,597
PG+E CORP	1,109,502
PHOENIX GRP HLD PLC	638,826
PICASSO FINANCE SUB INC	422,449
PIKE CORP	1,055,174
PILGRIM S PRIDE CORP	482,024
PLAYTIKA HOLDING CORP	502,487
PNC FINANCIAL SERVICES	461,125
POLAR US BORROWER LLC	580,777
POST HOLDINGS INC	1,595,290
PQ CORP	523,173
PRECISION DRILLING CORP	883,343

PRESIDIO HOLDING INC	730,066
PRESTIGE BRANDS INC	343,025
PRIME SECSRVC BRW/FINANC	4,295,137
PROSUS NV	663,831
PROVINCIA DE BUENOS AIRE	82,428
PRUDENTIAL FINANCIAL INC	2,254,690
QBE INSURANCE GROUP LTD	884,700
QTS LP/FINANCE	272,664
QUEBECOR MEDIA INC	935,795
QVC INC	2,279,701
RACKSPACE TECHNOLOGY	1,218,197
RADIATE HOLDCO / FINANCE	1,157,416
RANGE RESOURCES CORP	1,066,706
RAPTOR ACQ/RAPTOR CO ISS	157,289
RATTLER MIDSTREAM LP	220,395
RBS GLOBAL + REXNORD LLC	445,035
REALOGY GROUP/CO ISSUER	4,678,894
REDSTONE HOLDCO 2 LP	478,402
REGIONALCARE/LIFEPOINT	1,127,807
REGIONS FINANCIAL CORP	964,825
REINSURANCE GRP OF AMER	362,840
RENEW POWER PVT LTD	1,019,329
RENEWABLE ENERGY GROUP I	488,334
REPUBLIC OF ANGOLA	3,017,448
REPUBLIC OF ARGENTINA	1,444,101
REPUBLIC OF ARMENIA	2,217,729
REPUBLIC OF BELARUS	432,811
REPUBLIC OF COLOMBIA	3,110,147
REPUBLIC OF ECUADOR	2,328,561
REPUBLIC OF EL SALVADOR	593,101
REPUBLIC OF GEORGIA	203,986
REPUBLIC OF GHANA	4,120,239
REPUBLIC OF GUATEMALA	541,998
REPUBLIC OF INDONESIA	1,020,716
REPUBLIC OF KAZAKHSTAN	585,344
REPUBLIC OF KENYA	1,886,786
REPUBLIC OF NIGERIA	2,693,793
REPUBLIC OF PANAMA	1,156,810
REPUBLIC OF PARAGUAY	959,157
REPUBLIC OF PERU	881,203
REPUBLIC OF PHILIPPINES	1,388,501
REPUBLIC OF SENEGAL	1,037,727
REPUBLIC OF SOUTH AFRICA	7,052,015
REPUBLIC OF SRI LANKA	2,470,954
REPUBLIC OF TURKEY	1,375,619
REPUBLIC OF UZBEKISTAN	708,403
REPUBLICA ORIENT URUGUAY	3,501,545

RHP HOTEL PPTY/RHP FINAN	1,153,924
RITCHIE BROS AUCTIONEERS	246,991
RLJ LODGING TRUST LP	231,347
ROCKET MORTGAGE LLC	645,461
ROCKET SOFTWARE INC	922,207
ROLLS ROYCE PLC	537,746
ROMANIA	2,154,500
ROMANIA GOVERNMENT BOND	851,911
ROYAL CARIBBEAN CRUISES	1,824,602
RP ESCROW ISSUER LLC	464,816
RUSSIA GOVT BOND OFZ	4,952,368
RUSSIAN FEDERATION	1,216,332
RUSSIAN RUBLE	96,672
RUWAIS POWER CO PJSC	532,552
SABRA HEALTH CARE LP	101,318
SABRE GLBL INC	863,482
SANCHEZ ENERGY CORP	3,000
SAUDI ARABIAN OIL CO	1,377,571
SAUDI INTERNATIONAL BOND	534,870
SBL HOLDINGS INC	1,073,736
SCE TRUST V	599,760
SCENTRE GROUP TRUST 2	1,738,315
SCIENTIFIC GAMES INTERNA	2,723,456
SCIH SALT HOLDINGS INC	2,006,860
SCRIPPS ESCROW II INC	673,400
SEAGATE HDD CAYMAN	1,055,202
SEALED AIR CORP	162,252
SEG HLD LLC/SEG FIN CORP	262,488
SELECT MEDICAL CORP	303,596
SEMPRA ENERGY	1,966,488
SENSATA TECH INC	300,467
SERVICE PROPERTIES TRUST	1,910,784
SHEA HOMES LP/FNDG CP	805,643
SHRIRAM TRANSPORT FIN	721,046
SIGNATURE BANK NEW YORK	634,292
SIMMONS FOOD INC/SIMMONS	778,663
SINCLAIR TELEVISION GROU	398,313
SIRIUS XM RADIO INC	2,220,071
SIX FLAGS ENTERTAINMENT	809,266
SIX FLAGS THEME PARKS	850,250
SL545SYA IRS CNY P V 00MCNRR	(1,238,112)
SL545SYA IRS CNY R F 2.91280	1,245,924
SLFH0K1N IRS CNY P V 03MCNRR	(1,888,121)
SLFH0K1N IRS CNY R F 2.77750	1,889,858
SM ENERGY CO	1,471,193
SOCIETE GENERALE	3,806,156
SOL	23,417

SOLARIS MIDSTREAM HOLDIN	371,333
SOLENIS INTL L P	272,374
SOMPO JAPAN INSURANCE	854,976
SOUTH AFRICAN RAND	141,552
SOUTH JERSEY INDUSTRIES	772,842
SOUTHERN CO	2,279,261
SOUTHWESTERN ENERGY CO	751,627
SPECTRUM BRANDS INC	1,762,853
SPIRIT AEROSYSTEMS INC	331,514
SPRINT CAPITAL CORP	2,007,314
SPRINT COMMUNICATIONS	238,029
SPRINT CORP	1,617,919
SRS DISTRIBUTION INC	487,410
SS+C TECHNOLOGIES INC	1,559,273
SSL ROBOTICS LLC	415,807
STANDARD CHARTER	359,332
STANDARD CHARTERED BANK	3,220,503
STANDARD CHARTERED PLC	2,582,724
STANDARD INDUSTRIES INC	409,489
STAR ENERGY CO ISSUE	660,516
STARS GRP HLDS/STARS GRP	2,474,664
STARWOOD PROPERTY TRUST	410,973
STATE OF QATAR	1,653,781
STATE STREET BANK + TRUST CO	18,520,830
STATION CASINOS LLC	1,095,908
STERICYCLE INC	342,530
STEVENS HOLDING CO INC	509,476
SUBURBAN PROPANE PARTNRS	1,239,312
SUMITOMO LIFE INSUR	412,364
SUMMER (BC) BIDC	203,346
SUMMIT MATERIALS LLC/FIN	1,296,162
SUMMIT MID HLDS LLC / FI	261,624
SUNCOKE ENGY PART FIN CO	591,911
SUNSHINE LUXEMBOURG VII SARL	267,274
SURGERY CENTER HOLDINGS	1,149,989
SVB FINANCIAL GROUP	1,232,083
SVENSKA HANDELSBANKEN AB	1,270,984
SWAP CITIBANK COC	77,000
SWAP UBS COC	-
SYNCHRONY FINANCIAL	1,201,843
SYNEOS HEALTH INC	38,592
T MOBILE USA INC	633,168
TALEN ENERGY SUPPLY LLC	1,161,587
TALLGRASS NRG PRTNR/FIN	2,828,188
TARGA RESOURCES PARTNERS	1,950,445
TAYLOR MORRISON COMM	447,315
TEAM HEALTH HOLDINGS INC	847,164

TEAM HEALTH INC DEL	558,956
TECHNIPFMC PLC	518,189
TEGNA INC	1,310,491
TELECOM ITALIA CAPITAL	997,687
TELEFLEX INC	312,780
TELESAT CANADA/TELESAT L	1,497,301
TEMPO ACQUISITION LLC/FI	231,653
TENET HEALTHCARE CORP	5,739,628
TENNECO INC	606,946
TEREX CORP	479,026
TERRAFORM POWER OPERATIN	52,517
TESLA INC	727,359
TEVA PHARMACEUTICALS NE	1,270,519
TITULOS DE TESORERIA	4,111,603
TK ELEVATOR US NEWCO INC	484,564
TMS INTERNATIONAL CORP	1,275,920
TOLL BROS FINANCE CORP	70,478
TRANSCANADA TRUST	3,016,203
TRANSDIGM INC	7,766,098
TRANSDIGM UK HOLDINGS	295,403
TRANSNET SOC LTD	204,018
TRANSOCEAN PHOENIX 2 LTD	95,167
TRANSOCEAN POSEIDON LTD	1,339,786
TRANSOCEAN SENTRY LTD	170,369
TRAVEL + LEISURE CO	749,903
TRI POINTE GROUP / HOMES	105,680
TRINSEO OP / TRINSEO FIN	890,794
TRIPADVISOR INC	516,137
TRITON WATER HOLDINGS IN	761,868
TRIUMPH GROUP INC	669,827
TRIVIUM PACKAGING FIN	884,062
TRONOX INC	2,421,788
TRUIST FIN CORP	921,051
TRUIST FINANCIAL CORP	1,306,124
TURKISH LIRA	3,592
TWILIO INC	170,484
TWITTER INC	587,452
UBER TECHNOLOGIES INC	1,678,308
UBS GROUP AG	3,355,700
UKRAINE GOVERNMENT	5,951,049
UNICREDIT SPA	667,434
UNITED AIR 2020 1 B PTT	421,990
UNITED AIRLINES HOLDINGS	643,549
UNITED AIRLINES INC	1,175,049
UNITED MEXICAN STATES	279,012
UNITED STATES CELLULAR C	547,400
UNITI GROUP/CSL CAPITAL	2,049,168

UNITI GRP/UNITI HLD/CSL	1,807,787
UNIVAR SOLUTIONS USA INC	625,440
UNIVISION COMMUNICATIONS	1,652,254
UPC BROADBAND FINCO BV	693,702
US 10YR NOTE (CBT)SEP21	-
US ACUTE CARE SOLUTIONS	465,111
US BANCORP	385,050
US CELLULAR CORP	1,139,088
US DOLLAR	6,511,263
US FOODS INC	1,801,596
USA COM PART/USA COM FIN	1,427,535
VAIL RESORTS INC	436,609
VERSCEND ESCROW CORP	1,898,568
VERSCEND HLDG CORP	0
VERSCEND HOLDING CORP	143,694
VIASAT INC	2,601,511
VICI PROPERTIES / NOTE	455,783
VIKING CRUISES LTD	74,951
VIKING OCEAN CRUISES SHI	257,483
VINE ENERGY HOLDINGS LLC	1,336,777
VIRGIN MEDIA FINANCE PLC	1,438,716
VIRGIN MEDIA SECURED FIN	974,058
VIRGIN MEDIA VEND FIN IV	928,546
VISTA OUTDOOR INC	864,816
VISTRA CORP	1,050,006
VISTRA OPERATIONS CO LLC	1,031,207
VIZIENT INC	248,181
VM CONSOLIDATED INC	2,209,385
VMED O2 UK FINAN	1,116,236
VOC ESCROW LTD	330,440
VODAFONE GROUP PLC	920,607
VOYA FINANCIAL INC	533,439
VTR COMUNICACIONES SPA	200,142
VTR FINANCE BV	212,980
WASH MULTIFAM ACQ INC	1,216,610
WASHINGTON FEDERAL INC	477,060
WATCO COS LLC/FINANCE CO	2,231,570
WELLS FARGO + COMPANY	6,712,201
WESCO DISTRIBUTION INC	25,336
WESCO INTERNATIONAL INC	781,517
WESTERN GLOBAL AIRLINES	710,510
WESTERN MIDSTREAM OPERAT	2,317,296
WHITE CAP BUYER LLC	426,712
WILLIAM CARTER	396,480
WILLIAMS SCOTSMAN INTL	449,203
WINDSTREAM ESCROW LLC	538,257
WINNEBAGO INDUSTRIES	189,140

<b>WOLVERINE WORLD WIDE</b>	<b>249,915</b>
<b>WR GRACE + CO CONN</b>	<b>216,294</b>
<b>WYNDHAM HOTELS + RESORTS</b>	<b>1,088,126</b>
<b>WYNN LAS VEGAS LLC/CORP</b>	<b>1,786,999</b>
<b>XEROX HOLDINGS CORP</b>	<b>1,532,331</b>
<b>XHR LP</b>	<b>206,500</b>
<b>XPO CNW INC</b>	<b>59,860</b>
<b>XPO LOGISTICS INC</b>	<b>2,239,775</b>
<b>YUM BRANDS INC</b>	<b>495,135</b>
<b>ZAYO GROUP HOLDINGS INC</b>	<b>760,705</b>
<b>ZIFF DAVIS INC</b>	<b>1,283,437</b>
<b>ZIGGO BOND CO BV</b>	<b>752,320</b>
<b>ZIGGO BV</b>	<b>361,050</b>
<b>Total Holdings</b>	<b>\$891,648,354</b>



**Cash Asset Class  
Manager Holdings**

<b>Manager Name</b>	<b>Market Value</b>
<b>MONTANA BOARD OF INVESTMENTS</b>	<b>\$215,101,874</b>
<b>STATE STREET GLOBAL ADVISORS (CASH)</b>	<b>\$1,000,004</b>
<b>Total Holdings</b>	<b>\$216,101,879</b>

**Cash Asset Class  
Security Holdings**

<b>Security Name</b>	<b>Market Value</b>
<b>SHORT TERM INVESTMENT POOL</b>	<b>\$215,101,874</b>
<b>STATE STREET BANK + TRUST CO</b>	<b>\$1,000,004</b>
<b>Total Holdings</b>	<b>\$216,101,879</b>

**Short Term Investment Pool****Manager Holdings**

<b>Manager Name</b>	<b>Cost</b>
<b>Montana Board of Investments</b>	<b>\$5,968,597,710</b>
<b>Blackrock</b>	<b>\$25,000,000</b>
<b>Fidelity</b>	<b>\$2,000,000</b>
<b>Morgan Stanley</b>	<b>\$101,000,000</b>
<b>State Street Global Advisors (Cash)</b>	<b>\$166,000,000</b>
<b>Total Holdings</b>	<b>\$6,262,597,710</b>

Short Term Investment Pool	
Security Holdings	
Security Name	Cost
ANGLESEA FDG PLC and ANG	\$179,985,671
ANZ NATNL INT LMTD	\$9,998,583
APPLE INC	\$39,999,511
AUST & NEW ZEA	\$130,963,521
BANK OF MONTREAL-	\$48,004,351
BARCLAYS BK PLC	\$179,984,029
BLACKROCK LIQUIDITY FDS	\$25,000,000
BRITANNIA FDG CO	\$169,874,992
CANADIAN IMPERIAL BK	\$48,999,999
CEDAR SPRING CPTL CO	\$119,984,394
CHESHAM FNC/ CHESH LLC	\$179,983,689
COLUMBIA FDG CO	\$137,183,524
CONCORD MIN CPTL CO	\$182,978,065
COOPERATIEVE CENTRALE	\$70,800,769
CORPOERATIVE CENTRALE	\$49,979,792
CREDIT SUISSE NEW YORK	\$20,000,000
CREDIT SUISSE NY	\$159,941,358
CROWN POINT CAP CO.	\$130,000,000
FANNIE MAE	\$40,000,000
FARMER MAC	\$190,000,000
FEDERAL FARM CREDIT BANK	\$329,994,822
FEDERAL HOME LOAN BANK	\$94,000,000
FIDELITY	\$2,000,000
FREDDIE MAC	\$69,995,504
GOTHAM FDG CORP	\$42,396,632
GTA FDG LLC DISC	\$159,996,444
HSBC BANK PLC	\$107,877,882
ING US FUNDING LLC	\$49,931,576
INSTITUTIONAL SECURED	\$173,978,647
LONGSHIP FUNDING DAC	\$134,644,971
LVMH	\$39,953,778
LVMH MOET HEN LV SE	\$128,050,724
MET LIFE GLOB FUNDING I	\$30,000,000
METLIFE SHORT TERM FDG	\$66,361,839
MORGAN STANLEY GOVT PORT 8302	\$101,000,000
MUFG BK LTD N Y BRH DISC COML	\$169,214,998
NATIONAL BK OF CANAD	\$139,941,014
NATL AUSTRALIA BK LT	\$159,994,333
NIEUW AMSTERDAM RECV	\$38,996,100
NORDEA BK AB PUBL	\$149,982,076
PURE GROVE FDG	\$129,982,793
ROYAL BK CDA	\$49,896,167
SHEFFIELD RECEIVABLE	\$180,798,198

SHELL INTNL FNC B.V	\$54,987,813
SWEDBANK	\$141,962,438
THUNDER BAY FNDNG LLC	\$101,998,911
TORONTO DOMINION BANK	\$64,906,100
TORONTO-DOMINION	\$79,001,258
TOYOTA MOTOR CREDIT CORP	\$140,000,000
TREASURY BILL	\$559,954,553
US DOLLAR	\$166,000,000
US TREASURY FRN	\$66,596,993
US TREASURY N/B	\$162,478,203
VICTORY RECEIVABLES	\$60,993,961
RECEIVABLES / (PAYABLES)	\$1,066,735
<b>Holdings Total</b>	<b>\$6,262,597,710</b>

**Trust Funds Investment Pool****Manager Holdings**

<b>Manager Name</b>	<b>Market Value</b>
Montana Board of Investments	\$2,098,734,020
Fidelity	\$50,206,926
Angelo Gordon	\$30,801,788
Neuberger Berman	\$75,157,874
Oaktree Capital	\$71,540,655
Shenkman Capital Mgmt	\$67,872,652
UBS Realty Investors LLC	\$32,884,011
American Realty Advisors	\$79,042,206
Heitman	\$71,822,484
JP Morgan	\$71,307,473
PGIM Inc.	\$92,569,744
<b>Total Holdings</b>	<b>\$2,741,939,833</b>

Trust Funds Investment Pools	
Security Name	Market Value
ABBVIE INC	\$10,665,000
AG COMMERCIAL RE DEBT OPP III	\$30,801,788
AIR LIQUIDE FINANCE	\$5,185,600
ALIBABA GROUP HOLDING	\$21,743,140
ALTRIA GROUP INC	\$1,174,611
AMAZON.COM INC	\$22,547,241
AMERICAN CORE REALTY FUND LLC	\$79,042,206
APPLE INC	\$5,552,350
AT+T INC	\$12,705,031
BANK OF AMERICA CORP	\$31,068,003
BANK OF NY MELLON CORP	\$11,877,300
BARCLAYS PLC	\$24,185,678
BLACKROCK INC	\$4,433,480
BOSTON PROPERTIES LP	\$14,737,410
BURLINGTN NORTH SANTA FE	\$8,983,651
CAPITAL ONE FINANCIAL CO	\$10,706,640
CARMAX AUTO OWNER TRUST	\$4,446,435
CATERPILLAR FINL SERVICE	\$10,869,100
CFCRE COMMERCIAL MORTGAGE TRUS	\$4,407,475
CHEVRON CORP	\$3,039,330
CISCO SYSTEMS INC	\$5,664,840
CITIGROUP INC	\$31,760,100
CNA FINANCIAL CORP	\$4,501,920
COMCAST CORP	\$23,737,200
COMM MORTGAGE TRUST	\$17,083,364
CONSTELLATION BRANDS INC	\$7,805,147
CREDIT SUISSE GROUP AG	\$23,358,310
CVS HEALTH CORP	\$12,383,850
CVS PASS THROUGH TR 2014	\$2,581,196
CVS PASS THROUGH TRUST	\$13,547,962
DELL EQUIPMENT FINANCE TRUST	\$9,074,337
DIAGEO CAPITAL PLC	\$12,580,710
DISCOVER BANK	\$17,472,440
FANNIE MAE	\$95,901,169
FANNIEMAE WHOLE LOAN	\$4,111,184
FED HM LN PC POOL 1J0477	\$363,284
FED HM LN PC POOL A82927	\$280,348
FED HM LN PC POOL A89148	\$1,398,641
FED HM LN PC POOL A94799	\$933,769
FED HM LN PC POOL A95282	\$758,244
FED HM LN PC POOL A97720	\$840,995
FED HM LN PC POOL C01614	\$285,198
FED HM LN PC POOL G04332	\$1,014,435
FED HM LN PC POOL G08269	\$201,464

FED HM LN PC POOL G08706	\$4,722,063
FED HM LN PC POOL G08732	\$5,620,157
FED HM LN PC POOL G08737	\$3,922,178
FED HM LN PC POOL J08376	\$87,191
FED HM LN PC POOL J13342	\$627,143
FED HM LN PC POOL K93542	\$5,670,412
FED HM LN PC POOL QA5292	\$7,492,560
FED HM LN PC POOL QB1976	\$15,952,028
FED HM LN PC POOL QN1099	\$7,874,031
FED HM LN PC POOL RB5011	\$7,958,489
FED HM LN PC POOL ZT1593	\$3,446,391
FEDERAL FARM CREDIT BANK	\$19,815,000
FEDERAL HOME LOAN BANK	\$27,179,800
FEDEX CORP	\$4,448,920
FIDELITY ADVISOR SER IV	\$50,206,926
FINANCE OF AMER STRUCTURED	\$12,050,997
FNMA POOL 190375	\$130,898
FNMA POOL 254476	\$503,103
FNMA POOL 255731	\$46,600
FNMA POOL 256600	\$305,549
FNMA POOL 256895	\$64,860
FNMA POOL 384526	\$2,393,089
FNMA POOL 386755	\$2,979,176
FNMA POOL 469739	\$5,781,089
FNMA POOL 471678	\$7,831,799
FNMA POOL 646203	\$231,208
FNMA POOL 723551	\$22,266
FNMA POOL 725773	\$1,122,789
FNMA POOL 725946	\$62,950
FNMA POOL 735141	\$342,790
FNMA POOL 827606	\$292,448
FNMA POOL 890315	\$5,232,267
FNMA POOL 902163	\$457,378
FNMA POOL 924089	\$755,949
FNMA POOL 929842	\$471,124
FNMA POOL 930678	\$1,624,138
FNMA POOL 933853	\$925,708
FNMA POOL 936499	\$965,146
FNMA POOL 944622	\$273,082
FNMA POOL 962533	\$286,077
FNMA POOL 972562	\$162,621
FNMA POOL 985023	\$185,470
FNMA POOL AB2099	\$1,664,652
FNMA POOL AB3875	\$1,241,735
FNMA POOL AC5445	\$1,033,568
FNMA POOL AE1288	\$1,432,184
FNMA POOL AH1271	\$3,111,497



FNMA POOL AK3070	\$6,059,903
FNMA POOL AL2546	\$8,712
FNMA POOL AM6110	\$4,743,578
FNMA POOL AM7259	\$2,847,020
FNMA POOL AN4048	\$14,448,263
FNMA POOL AN4502	\$5,971,475
FNMA POOL AO9021	\$3,171,479
FNMA POOL AS7388	\$3,631,205
FNMA POOL AS8073	\$10,250,932
FNMA POOL AT6308	\$3,167,484
FNMA POOL AT9147	\$2,678,119
FNMA POOL AV4193	\$1,850,405
FNMA POOL AZ7909	\$2,529,945
FNMA POOL BC8664	\$3,084,606
FNMA POOL BH7058	\$3,704,771
FNMA POOL BJ7881	\$4,900,373
FNMA POOL BM3281	\$5,509,223
FNMA POOL BP6750	\$14,152,556
FNMA POOL CA1532	\$8,033,311
FNMA POOL CA8252	\$11,727,392
FNMA POOL FM4005	\$8,505,841
FNMA POOL FM5266	\$9,610,348
FNMA POOL MA1438	\$1,295,683
FNMA POOL MA3664	\$4,053,197
FNMA POOL MA3867	\$4,752,385
FNMA POOL MA3868	\$4,466,506
FNMA POOL MA4047	\$12,212,561
FNMA POOL MA4100	\$12,997,943
FORD CREDIT AUTO OWNER TRUST/F	\$15,368,238
FREDDIE MAC	\$34,391,198
FRESB MULTIFAMILY MORTGAGE PAS	\$42,500,311
GENERAL MILLS INC	\$8,045,920
GILEAD SCIENCES INC	\$29,087,520
GNMA II POOL 004285	\$49,092
GNMA II POOL 004483	\$726,116
GNMA II POOL 082158	\$640,888
GNMA II POOL 711745	\$5,252,291
GNMA POOL 568140	\$69,319
GNMA POOL 636460	\$336,193
GNMA POOL 673009	\$328,472
GNMA POOL 688143	\$482,129
GNMA POOL 697855	\$747,816
GNMA POOL 701864	\$1,200,363
GNMA POOL 732878	\$1,196,047
GNMA POOL AC3667	\$2,861,916
GOLDMAN SACHS GROUP INC	\$15,657,200
GOVERNMENT NATIONAL MORTGAGE A	\$33,963,231

GREAT AMERICA LEASING RECEIVAB	\$17,870,198
GS MORTGAGE SECURITIES TRUST	\$2,117,520
HEITMAN AMERICA RE TRUST LP	\$71,822,484
HOUSING URBAN DEVELOPMNT	\$12,071,107
HSBC HOLDINGS PLC	\$10,620,100
IMPAC SECURED ASSETS CORP.	\$401,715
JP MORGAN CHASE COMMERCIAL MOR	\$16,098,875
JP MORGAN INV MGT SPF FIV 2 US	\$71,307,473
JP MORGAN MORTGAGE TRUST	\$20,036,457
JPMORGAN CHASE + CO	\$19,491,800
KEYCORP	\$5,639,350
LOCKHEED MARTIN CORP	\$8,846,640
MASTERCARD INC	\$7,878,850
METLIFE INC	\$2,885,720
MICROSOFT CORP	\$15,507,830
MMAF EQUIPMENT FINANCE LLC	\$931,054
MONTANA REAL ESTATE PROPERTIES	\$21,564,131
MORGAN STANLEY BAML TRUST	\$5,198,702
MORGAN STANLEY CAPITAL I TRUST	\$11,486,881
NEUBERGER BERMAN HY MUUH	\$75,157,874
NEXTERA ENERGY CAPITAL	\$5,526,500
NORFOLK SOUTHERN CORP	\$10,877,300
NUTRIEN LTD	\$11,443,200
OAKTREE CAP MUUG	\$71,540,655
ONSLOW BAY FINANCIAL LLC	\$9,851,915
ONTARIO (PROVINCE OF)	\$5,370,300
ORACLE CORP	\$3,042,600
PEPSICO INC	\$4,321,040
PHILLIPS 66	\$19,818,350
PRINCIPAL FINANCIAL GRP	\$6,484,685
PRISA LP	\$92,569,744
PROVINCE OF QUEBEC	\$15,394,900
PRUDENTIAL FINANCIAL INC	\$13,756,320
REINAUER MARITIME CO LLC	\$6,724,856
SAN DIEGO G + E	\$1,395,070
SEQUOIA MORTGAGE TRUST	\$3,779,898
SHELL INTERNATIONAL FIN	\$5,430,150
SHENKMAN CAP HIGH YIELD MUUF	\$67,872,652
SHORT TERM INVESTMENT POOL	\$58,650,964
SMALL BUSINESS ADMINISTRATION	\$249,934
STARBUCKS CORP	\$28,000,500
SUNCOR ENERGY INC	\$10,006,350
TENN VAL AUTH CPN STRIP	\$6,400,245
TENN VALLEY AUTHORITY	\$14,264,700
TORONTO DOMINION BANK	\$8,023,120
TOYOTA MOTOR CREDIT CORP	\$10,668,800
TRUIST BANK	\$5,211,250

TSY INFL IX N/B	\$7,123,854
UBS GROUP AG	\$10,710,055
UBS TRUMBULL PROPERTY FUND	\$32,884,011
US TREASURY N/B	\$375,346,875
VALERO ENERGY CORP	\$17,849,046
VENTAS REALTY LP	\$14,762,370
VERIZON COMMUNICATIONS	\$31,753,080
VISA INC	\$21,774,560
VOLKSWAGEN AUTO LEASE TRUST	\$6,959,400
WALMART INC	\$20,970,430
WELLS FARGO MORTGAGE BACKED SE	\$3,278,498
WELLTOWER INC	\$5,640,650
WF RBS COMMERCIAL MORTGAGE TRU	\$15,103,954
WINWATER MORTGAGE LOAN TRUST	\$549,659
WRKCO INC	\$29,146,060
MONDELEZ INTERNATIONAL	\$5,267,450
BRAVO RESIDENTIAL FUNDING TRUS	\$16,633,039
FINANCE OF AMERICA STRUCTURED	\$12,176,427
ONDECK ASSET SECURITIZATION TR	\$4,985,514
STOCKBRIDGE NICHE LOGISTICS FD	\$27,325,597
<b>Total Holdings</b>	<b>\$2,741,939,833</b>

**State Fund  
Manager Holdings**

<b>Manager Name</b>	<b>Market Value</b>
American Realty Advisors	\$22,171,566
BlackRock (Commingled)	\$200,838,003
Heitman	\$19,269,826
JP Morgan	\$16,390,618
Montana Board of Investments	\$1,253,104,238
Neuberger Berman	\$40,437,552
PGIM Inc.	\$16,053,002
UBS Realty Investors LLC	\$20,475,189
<b>Total Holdings</b>	<b>\$1,588,739,994</b>

State Fund	
Security Holdings	
Security Name	Market Value
ABBVIE INC	\$10,665,000
ACWI SUPERUNIT	\$48,239,846
AFLAC INC	\$5,418,250
ALIBABA GROUP HOLDING	\$12,791,970
ALTRIA GROUP INC	\$13,845,742
AMAZON.COM INC	\$17,116,955
AMCOR FLEXIBLES NORTH AM	\$2,500,250
AMERICAN CORE REALTY FUND LLC	\$22,171,566
AMERICAN HONDA FINANCE	\$5,038,900
BANK OF AMERICA CORP	\$26,619,984
BARCLAYS PLC	\$16,085,800
BENCHMARK MORTGAGE TRUST	\$5,415,661
BLACKROCK INC	\$3,325,110
BOSTON PROPERTIES LP	\$12,596,030
BRAVO RESIDENTIAL FUNDING TRUS	\$15,764,311
BURLINGTN NORTH SANTA FE	\$8,863,351
CAPITAL ONE FINANCIAL CO	\$5,084,700
CARMAX AUTO OWNER TRUST	\$748,253
CATERPILLAR FINANCIAL SE	\$5,398,500
CITIGROUP INC	\$28,395,090
CNA FINANCIAL CORP	\$4,501,920
COMCAST CORP	\$13,557,324
CREDIT SUISSE GROUP AG	\$13,713,700
CVS HEALTH CORP	\$4,930,266
DIAGEO CAPITAL PLC	\$10,452,110
DISCOVER BANK	\$9,910,360
EMERSON ELECTRIC CO	\$2,076,953
ENTERGY CORP	\$3,093,960
ENTERPRISE FLEET FINANCING LLC	\$3,091,721
EQUITY INDEX FUND B	\$152,598,157
EXELON CORP	\$5,502,900
FANNIE MAE	\$15,978,700
FED HM LN PC POOL G12310	\$164
FED HM LN PC POOL G13081	\$50,861
FED HM LN PC POOL G18244	\$55,822
FED HM LN PC POOL J08160	\$28,400
FED HM LN PC POOL QB1976	\$10,661,203
FED HM LN PC POOL QN1099	\$7,874,031
FED HM LN PC POOL RB5011	\$5,968,867
FED HM LN PC POOL RE6103	\$7,021,840
FEDERAL FARM CREDIT BANK	\$14,786,270
FEDERAL HOME LOAN BANK	\$24,394,679
FEDEX CORP	\$3,336,690
FINANCE OF AMER STRUCTURED	\$8,342,998

FINANCE OF AMERICA STRUCTURED	\$14,255,886
FNMA POOL 888932	\$16
FNMA POOL 962078	\$59,573
FNMA POOL AN2098	\$5,443,856
FNMA POOL AN2235	\$5,757,366
FNMA POOL AN4048	\$9,632,175
FNMA POOL AN4502	\$8,131,370
FNMA POOL BO2201	\$6,541,187
FNMA POOL BP6750	\$9,435,037
FNMA POOL BQ3004	\$11,592,128
FNMA POOL CA8252	\$11,727,392
FNMA POOL FM4005	\$13,199,381
FNMA POOL FM5266	\$9,610,348
FNMA POOL MA3868	\$6,699,758
FNMA POOL MA4047	\$12,212,561
FNMA POOL MA4078	\$11,394,472
FNMA POOL MA4100	\$10,398,354
FORD CREDIT AUTO OWNER TRUST/F	\$13,440,766
FORD MOTOR CREDIT CO LLC	\$5,076,750
FREDDIE MAC	\$9,441,015
FRESB MULTIFAMILY MORTGAGE PAS	\$13,927,389
GENERAL MILLS INC	\$7,040,180
GILEAD SCIENCES INC	\$9,387,030
GOLDMAN SACHS GROUP INC	\$11,509,636
GOVERNMENT NATIONAL MORTGAGE A	\$17,936,861
GREAT AMERICA LEASING RECEIVAB	\$7,466,248
HEITMAN AMERICA RE TRUST LP	\$19,269,826
HERTZ VEHICLE FINANCING LLC	\$0
HOUSING URBAN DEVELOPMNT	\$2,758,340
HPEFS EQUIPMENT TRUST	\$2,209,334
HSBC HOLDINGS PLC	\$5,310,050
JOHN DEERE CAPITAL CORP	\$3,232,230
JP MORGAN INV MGT SPF FIV 2 US	\$20,169,723
JPMORGAN CHASE + CO	\$16,390,618
LIBERTY MUTUAL GROUP INC	\$5,180,750
LOCKHEED MARTIN CORP	\$5,529,150
MASSMUTUAL GLOBAL FUNDIN	\$2,158,240
MASTERCARD INC	\$16,904,150
MICROSOFT CORP	\$5,567,350
MMAF EQUIPMENT FINANCE LLC	\$5,301,084
MONDELEZ INTERNATIONAL	\$6,320,940
MONEY MARKET FD FOR EBT	\$12
MORGAN STANLEY	\$4,630,676
MORGAN STANLEY CAPITAL I TRUST	\$11,486,881
NEUBERGER BERMAN HIGH YIELD MU	\$40,437,552
NORFOLK SOUTHERN CORP	\$5,067,100
NUTRIEN LTD	\$5,856,895

ONDECK ASSET SECURITIZATION TR	\$4,985,514
ONTARIO (PROVINCE OF)	\$5,370,300
ORACLE CORP	\$3,042,600
PFIZER INC	\$3,377,190
PHILLIPS 66	\$9,648,650
PRISA LP	\$16,053,002
PROVINCE OF QUEBEC	\$4,150,280
PRUDENTIAL FINANCIAL INC	\$6,878,160
SHELL INTERNATIONAL FIN	\$15,460,050
SHORT TERM INVESTMENT POOL	\$41,912,328
SIMON PROPERTY GROUP LP	\$9,267,507
STARBUCKS CORP	\$22,400,400
TENN VALLEY AUTHORITY	\$5,094,550
TORONTO DOMINION BANK	\$10,028,900
TOYOTA MOTOR CREDIT CORP	\$6,401,280
TSY INFL IX N/B	\$43,868,639
UBS TRUMBULL PROPERTY FUND	\$20,475,189
UNION PACIFIC CORP	\$5,376,400
US TREASURY N/B	\$259,271,719
VENTAS REALTY LP	\$9,198,480
VERIZON COMMUNICATIONS	\$20,746,948
VISA INC	\$9,467,200
WALMART INC	\$10,590,000
WELLS FARGO + COMPANY	\$7,420,490
WELLTOWER INC	\$5,418,600
WRKCO INC	\$19,722,820
<b>Total Holdings</b>	<b>\$1,588,739,994</b>

**Separately Managed Investments**

**Manager Holdings**

<b>Manager Name</b>	<b>Market Value</b>
<b>Montana Board of Investments</b>	<b>\$ 8,792,081,799</b>
<b>BlackRock (Commingled)</b>	<b>\$ 7,245,905</b>
<b>Total Holdings</b>	<b>\$8,799,327,703</b>



**Separately Managed Investments  
Manager Holdings**

Security Name	Market Value
ACWI EX US SUPERFUN	\$1,918,054
FREDDIE MAC	\$6,191,188
LEGACY	\$1
MONEY MARKET FD FOR EBT	\$45
MULTIFAMILY COAL TRUST HOME PR	\$5,151,292
PERMANENT COAL TRUST	\$140,520,608
SHORT TERM INVESTMENT POOL	\$5,793,791,673
SSC GOVERNMENT GVMXX EL	\$54,211,252
TRUST FUNDS INVESTMENT POOL	\$2,745,653,051
U.S. DEBT INDEX FUND	\$1,540,542
US DOLLAR	\$301,913
US EQUITY MARKET FUND	\$3,787,308
VETERANS HOME LOAN MORTGAGES	\$46,260,776
<b>Total Holdings</b>	<b>\$8,799,327,703</b>

## End Notes

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Negative market values indicate a net short position.

Aggregated holdings do not include look through securities in commingled funds.