

MONTANA
BOARD OF INVESTMENTS

Investment Holdings

As of December 31, 2020

Transparency of the Montana Investment Holdings

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

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Pensions

Asset Class Holdings

Asset Class	Market Value
DOMESTIC EQUITY	\$4,304,644,218
INTERNATIONAL EQUITY	\$2,465,643,717
PRIVATE INVESTMENTS	\$1,787,896,119
REAL ASSETS	\$403,722,279
REAL ESTATE	\$1,117,935,411
CORE FIXED INCOME	\$2,239,215,954
NON-CORE FIXED INCOME	\$710,767,729
CASH EQUIVALENTS	\$300,481,887
Total Pensions	\$13,330,307,314

**Domestic Equity Asset Class
Manager Holdings**

Security Name	Market Value
BlackRock (ETF, SMI, and Comingled)	\$1,423,786,673
Northern Trust	\$1,248,877,473
T. Rowe Price	\$170,380,922
J.P. Morgan	\$448,658,286
Jacobs Levy Equity Management	\$531,773,314
Dimensional Fund Advisors	\$197,879,062
Vaughan Nelson Investment Management	\$190,287,438
State Street Global Advisors (ETF & Cash)	\$93,001,051
Total Holdings	\$4,304,644,218

**Domestic Equity Asset Class
Security Holdings**

Security Name	Market Value
10X GENOMICS INC CLASS A	-\$696,814
3M CO	\$5,807,223
ABBOTT LABORATORIES	\$14,234,247
ABBVIE INC	\$22,523,466
ABIOMED INC	\$1,079,262
ACCELERON PHARMA INC	-\$1,070,474
ACCENTURE PLC CL A	\$13,352,010
ACTIVISION BLIZZARD INC	\$5,367,566
ACUITY BRANDS INC	\$518,265
ADOBE INC	\$16,802,532
ADVANCE AUTO PARTS INC	\$805,349
ADVANCED MICRO DEVICES	\$15,252,749
AES CORP	\$1,155,895
AFLAC INC	\$1,784,270
AGCO CORP	\$5,725,206
AGILENT TECHNOLOGIES INC	\$985,718
AGIOS PHARMACEUTICALS INC	\$1,044,730
AGNC INVESTMENT CORP	-\$424,913
AIR PRODUCTS + CHEMICALS INC	\$7,542,238
AIRBNB INC CLASS A	\$109,513
AKAMAI TECHNOLOGIES INC	\$1,261,770
ALAMO GROUP INC	\$2,759,000
ALASKA AIR GROUP INC	\$143,364
ALBEMARLE CORP	\$105,477
ALEXANDRIA REAL ESTATE EQUIT	\$1,846,537
ALEXION PHARMACEUTICALS INC	\$5,083,112
ALIGN TECHNOLOGY INC	\$2,943,899
ALLEGHANY CORP	\$3,550,905
ALLEGION PLC	\$781,608
ALLIANCE DATA SYSTEMS CORP	\$1,761,579
ALLIANT ENERGY CORP	\$951,244
ALLSTATE CORP	\$8,719,758
ALLY FINANCIAL INC	\$6,148,604
ALNYLAM PHARMACEUTICALS INC	\$1,109,294
ALPHABET INC CL A	\$55,276,513
ALPHABET INC CL C	\$73,190,043
ALTICE USA INC A	\$737,405
ALTRIA GROUP INC	\$6,061,112
AMAZON.COM INC	\$163,523,941
AMCOR PLC	\$1,355,963
AMERCO	\$844,820
AMEREN CORPORATION	\$3,923,686
AMERICAN AIRLINES GROUP INC	-\$1,779,108
AMERICAN ELECTRIC POWER	\$1,878,738
AMERICAN EXPRESS CO	\$8,083,680
AMERICAN FINANCIAL GROUP INC	\$5,571,405

AMERICAN INTERNATIONAL GROUP	\$3,183,345
AMERICAN TOWER CORP	\$7,876,975
AMERICAN WATER WORKS CO INC	\$2,055,884
AMERIPRISE FINANCIAL INC	\$1,724,873
AMERISOURCEBERGEN CORP	\$5,658,642
AMETEK INC	\$3,348,950
AMGEN INC	\$10,240,867
AMN HEALTHCARE SERVICES INC	\$1,793,269
AMPHENOL CORP CL A	\$490,388
ANALOG DEVICES INC	\$13,382,713
ANNALY CAPITAL MANAGEMENT IN	-\$2,793,004
ANSYS INC	-\$855,658
ANTHEM INC	\$16,053,537
AON PLC CLASS A	\$1,272,902
APA CORP	\$3,784,061
APARTMENT INCOME REIT CO	\$107,433
APOLLO GLOBAL MANAGEMENT INC	-\$2,130,630
APPLE INC	\$226,867,258
APPLIED MATERIALS INC	\$11,528,040
APTIV PLC	\$4,109,607
ARAMARK	\$647,541
ARCH CAPITAL GROUP LTD	\$1,082,677
ARCHER DANIELS MIDLAND CO	\$2,071,498
ARES MANAGEMENT CORP A	-\$646,843
ARISTA NETWORKS INC	\$1,222,719
ARROW ELECTRONICS INC	\$7,072,542
ARROWHEAD PHARMACEUTICALS IN	-\$426,158
ARTHUR J GALLAGHER + CO	\$3,065,286
ASGN INC	\$3,587,614
ASHLAND GLOBAL HOLDINGS INC	\$4,225,003
ASPEN TECHNOLOGY INC	-\$1,958,830
ASSURANT INC	\$5,786,217
ASTRAZENECA PLC SPONS ADR	\$589,882
AT+T INC	\$14,113,481
ATHENE HOLDING LTD CLASS A	\$1,422,110
ATMOS ENERGY CORP	\$927,580
AUTODESK INC	\$4,935,821
AUTOLIV INC	\$565,126
AUTOMATIC DATA PROCESSING	\$5,230,497
AUTOZONE INC	\$11,701,478
AVALARA INC	\$967,575
AVALONBAY COMMUNITIES INC	\$1,564,834
AVANTOR INC	\$1,075,809
AVERY DENNISON CORP	\$474,016
AVNET INC	\$4,859,575
AXALTA COATING SYSTEMS LTD	\$6,190,040
AXIS CAPITAL HOLDINGS LTD	-\$241,872
BAKER HUGHES CO	\$1,964,633
BALL CORP	\$1,227,274

BANK OF AMERICA CORP	\$20,597,706
BANK OF NEW YORK MELLON CORP	\$3,656,673
BAXTER INTERNATIONAL INC	\$2,997,927
BECTON DICKINSON AND CO	\$6,542,002
BERKELEY LIGHTS INC	-\$289,152
BERKSHIRE HATHAWAY INC CL B	\$26,129,662
BEST BUY CO INC	\$3,665,885
BIO RAD LABORATORIES A	-\$1,820,522
BIO TECHNE CORP	-\$3,609,591
BIOGEN INC	\$5,417,038
BIOMARIN PHARMACEUTICAL INC	\$6,444,864
BLACK KNIGHT INC	\$1,023,977
BLACKROCK INC	\$8,120,211
BLACKSTONE GROUP INC/THE	\$3,213,928
BLK MSCI USA SMALL CAP EQ	\$125,872,345
BLUEBIRD BIO INC	\$2,013,613
BOEING CO/THE	\$8,446,379
BOOKING HOLDINGS INC	\$12,343,530
BOOZ ALLEN HAMILTON HOLDINGS	\$1,657,815
BORGWARNER INC	\$697,104
BOSTON PROPERTIES INC	\$1,032,835
BOSTON SCIENTIFIC CORP	\$7,988,953
BRADY CORPORATION CL A	\$2,854,921
BRISTOL MYERS SQUIBB CO	\$15,615,618
BRIXMOR PROPERTY GROUP INC	\$1,124,440
BROADCOM INC	\$12,610,518
BROADRIDGE FINANCIAL SOLUTIO	\$1,333,606
BROWN + BROWN INC	\$843,851
BROWN FORMAN CORP CLASS B	\$1,602,103
BUILDERS FIRTSOURCE INC	\$5,543,018
BUNGE LTD	\$7,414,868
BURLINGTON STORES INC	\$1,542,099
C.H. ROBINSON WORLDWIDE INC	\$4,332,194
CABLE ONE INC	\$7,329,199
CABOT CORP	\$1,303,764
CABOT OIL + GAS CORP	\$479,934
CACI INTERNATIONAL INC CL A	\$3,461,947
CADENCE DESIGN SYS INC	\$2,815,369
CAESARS ENTERTAINMENT INC	\$1,769,111
CAMDEN PROPERTY TRUST	\$1,362,509
CAMPBELL SOUP CO	-\$512,075
CANADIAN NATL RAILWAY CO	-\$637,130
CANADIAN PACIFIC RAILWAY LTD	\$712,101
CAPITAL ONE FINANCIAL CORP	\$18,783,971
CAPRI HOLDINGS LTD	\$3,145,800
CARDINAL HEALTH INC	\$5,438,000
CARLYLE GROUP INC/THE	-\$452,327
CARMAX INC	\$1,354,273
CARNIVAL CORP	\$659,027

CARRIER GLOBAL CORP	\$2,284,059
CARTER S INC	\$548,804
CARVANA CO	\$290,083
CATALENT INC	\$1,260,704
CATERPILLAR INC	\$5,598,207
CBOE GLOBAL MARKETS INC	\$987,724
CBRE GROUP INC A	\$1,555,142
CDW CORP/DE	\$1,622,203
CELANESE CORP	\$5,135,229
CENTENE CORP	\$5,680,219
CENTERPOINT ENERGY INC	\$870,144
CERIDIAN HCM HOLDING INC	\$6,712,747
CERNER CORP	\$384,160
CF INDUSTRIES HOLDINGS INC	\$749,309
CHAMPIONX CORP	\$1,927,800
CHANGE HEALTHCARE INC	-\$2,159,912
CHARTER COMMUNICATIONS INC A	\$19,174,365
CHEGG INC	-\$1,451,784
CHENIERE ENERGY INC	\$1,007,724
CHEVRON CORP	\$15,961,134
CHEWY INC CLASS A	\$500,957
CHIPOTLE MEXICAN GRILL INC	\$1,619,677
CHUBB LTD	\$10,687,127
CHURCH + DWIGHT CO INC	\$1,591,075
CIENA CORP	\$2,225,566
CIGNA CORP	\$12,950,461
CIMAREX ENERGY CO	\$415,648
CINCINNATI FINANCIAL CORP	\$978,457
CINTAS CORP	\$2,294,309
CIRRUS LOGIC INC	\$3,898,171
CISCO SYSTEMS INC	\$13,917,698
CITIGROUP INC	\$10,346,301
CITIZENS FINANCIAL GROUP	\$1,128,693
CITRIX SYSTEMS INC	\$5,782,555
CLEAN HARBORS INC	\$2,857,555
CLOROX COMPANY	-\$442,811
CLOUDFLARE INC CLASS A	\$864,690
CMC MATERIALS INC	\$5,473,278
CME GROUP INC	\$5,713,093
CMS ENERGY CORP	\$1,291,765
COCA COLA CO/THE	\$22,422,924
COGNEX CORP	-\$2,552,581
COGNIZANT TECH SOLUTIONS A	\$3,652,430
COHERUS BIOSCIENCES INC	\$1,853,577
COLGATE PALMOLIVE CO	\$5,364,384
COMCAST CORP CLASS A	\$25,381,093
COMMSCOPE HOLDING CO INC	\$4,852,261
CONAGRA BRANDS INC	\$2,169,291
CONCHO RESOURCES INC	\$1,108,125

CONOCOPHILLIPS	\$4,660,874
CONSOLIDATED EDISON INC	\$103,418
CONSTELLATION BRANDS INC A	\$5,140,446
CONTEXTLOGIC INC A	-\$665,231
CONTINENTAL RESOURCES INC/OK	\$839,206
COOPER COS INC/THE	\$1,522,674
COPART INC	\$1,988,790
CORNING INC	\$2,026,188
CORTEVA INC	\$9,332,178
COSTAR GROUP INC	\$2,847,707
COSTCO WHOLESALE CORP	\$16,921,567
COTY INC CL A	-\$178,624
COUPA SOFTWARE INC	\$4,789,137
COUSINS PROPERTIES INC	\$628,527
CREE INC	-\$1,450,618
CROWDSTRIKE HOLDINGS INC A	\$2,242,750
CROWN CASTLE INTL CORP	\$5,239,580
CROWN HOLDINGS INC	\$998,393
CSX CORP	\$7,808,221
CUMMINS INC	\$3,245,940
CUSHMAN + WAKEFIELD PLC	\$2,740,213
CVS HEALTH CORP	\$7,561,903
DANAHER CORP	\$11,286,933
DARDEN RESTAURANTS INC	\$1,145,220
DATADOG INC CLASS A	\$1,103,119
DAVITA INC	\$692,308
DEERE + CO	\$5,906,724
DELL TECHNOLOGIES C	\$9,631,405
DELTA AIR LINES INC	\$473,674
DENALI THERAPEUTICS INC	-\$1,088,545
DENTSPLY SIRONA INC	\$847,290
DEVON ENERGY CORP	\$1,926,512
DEXCOM INC	\$2,612,442
DIAMONDBACK ENERGY INC	\$4,993,718
DIGITAL REALTY TRUST INC	\$2,371,391
DIMENSIONAL FUND ADVISORS INC	\$197,879,062
DISCOVER FINANCIAL SERVICES	\$2,037,921
DISCOVERY INC A	\$1,857,185
DISCOVERY INC C	\$625,993
DISH NETWORK CORP A	\$615,366
DOCUSIGN INC	\$2,863,446
DOLLAR GENERAL CORP	\$4,293,695
DOLLAR TREE INC	\$3,969,065
DOMINION ENERGY INC	\$4,658,941
DOMINO S PIZZA INC	\$5,813,637
DOORDASH INC A	\$86,935
DOVER CORP	\$1,344,310
DOW INC	\$11,210,723
DR HORTON INC	\$1,749,603

DRAFTKINGS INC CL A	\$584,887
DROPBOX INC CLASS A	\$5,103,567
DTE ENERGY COMPANY	\$1,972,670
DUKE ENERGY CORP	\$5,120,676
DUKE REALTY CORP	\$693,559
DUN + BRADSTREET HOLDINGS IN	-\$213,343
DUPONT DE NEMOURS INC	\$6,632,216
DXC TECHNOLOGY CO	\$3,957,955
DYNATRACE INC	\$584,491
EASTMAN CHEMICAL CO	\$3,648,588
EATON CORP PLC	\$6,524,443
EBAY INC	\$2,594,408
ECOLAB INC	\$3,646,748
EDISON INTERNATIONAL	\$1,756,761
EDWARDS LIFESCIENCES CORP	\$4,188,278
ELANCO ANIMAL HEALTH INC	\$472,809
ELECTRONIC ARTS INC	\$5,233,646
ELEMENT SOLUTIONS INC	\$9,453,760
ELI LILLY + CO	\$19,563,997
EMCOR GROUP INC	\$1,376,290
EMERGENT BIOSOLUTIONS INC	\$2,312,666
EMERSON ELECTRIC CO	\$3,539,816
ENBRIDGE INC	-\$2,284,086
ENPHASE ENERGY INC	\$1,550,277
ENTEGRIS INC	-\$2,708,771
ENTERGY CORP	\$1,802,012
ENVESTNET INC	-\$1,658,308
EOG RESOURCES INC	\$2,545,664
EPAM SYSTEMS INC	\$4,084,473
EQUIFAX INC	\$2,324,108
EQUINIX INC	\$5,074,249
EQUITABLE HOLDINGS INC	\$1,207,234
EQUITY LIFESTYLE PROPERTIES	\$6,014,131
EQUITY RESIDENTIAL	\$1,196,270
ERIE INDEMNITY COMPANY CL A	\$461,482
ESSENTIAL UTILITIES INC	\$814,428
ESSEX PROPERTY TRUST INC	\$613,256
ESTEE LAUDER COMPANIES CL A	\$7,609,041
ETSY INC	\$1,566,853
EVEREST RE GROUP LTD	\$2,007,088
EVERGY INC	\$931,125
EVERSOURCE ENERGY	\$2,187,924
EXACT SCIENCES CORP	-\$215,296
EXELON CORP	\$3,030,974
EXPEDIA GROUP INC	\$1,327,840
EXPEDITORS INTL WASH INC	\$5,789,251
EXTRA SPACE STORAGE INC	\$572,696
EXXON MOBIL CORP	\$12,058,581
F5 NETWORKS INC	\$794,193

FABRINET	\$3,990,454
FACEBOOK INC CLASS A	\$62,002,676
FACTSET RESEARCH SYSTEMS INC	\$932,663
FAIR ISAAC CORP	\$1,096,181
FASTENAL CO	\$1,454,792
FATE THERAPEUTICS INC	-\$1,590,820
FEDERAL SIGNAL CORP	\$4,137,128
FEDEX CORP	\$5,395,682
FERRARI NV	\$483,140
FIDELITY NATIONAL FINANCIAL	\$803,221
FIDELITY NATIONAL INFO SERV	\$7,503,887
FIFTH THIRD BANCORP	\$2,367,022
FIREEYE INC	\$3,587,306
FIRST AMERICAN FINANCIAL	\$5,421,150
FIRST REPUBLIC BANK/CA	\$3,011,624
FIRSTENERGY CORP	\$1,226,941
FISERV INC	\$8,927,763
FLEETCOR TECHNOLOGIES INC	\$4,718,049
FLOWSERVE CORP	\$260,898
FMC CORP	\$1,780,955
FORD MOTOR CO	\$10,296,676
FORTINET INC	\$7,642,760
FORTIVE CORP	\$2,148,891
FORTUNE BRANDS HOME + SECURI	\$862,943
FOX CORP CLASS A	\$15,608
FOX CORP CLASS B	\$355,773
FRANKLIN RESOURCES INC	-\$650,965
FREEMPORT MCMORAN INC	\$2,942,290
FRONTDOOR INC	\$1,847,226
FTI CONSULTING INC	\$2,360,085
FUBOTV INC	-\$231,364
GAMING AND LEISURE PROPERTIE	\$5,724,127
GARMIN LTD	\$1,268,635
GARTNER INC	\$1,056,934
GATX CORP	\$3,732,703
GENERAC HOLDINGS INC	\$1,053,818
GENERAL DYNAMICS CORP	\$2,672,361
GENERAL ELECTRIC CO	\$6,030,644
GENERAL MILLS INC	\$1,985,147
GENERAL MOTORS CO	\$13,021,536
GENTEX CORP	-\$2,642,536
GENUINE PARTS CO	\$1,071,588
GILEAD SCIENCES INC	\$13,271,220
GLOBAL PAYMENTS INC	\$3,327,162
GLOBE LIFE INC	\$707,642
GODADDY INC CLASS A	\$6,112,834
GOHEALTH INC CLASS A	-\$290,780
GOLDMAN SACHS GROUP INC	\$7,052,660
GRAHAM HOLDINGS CO CLASS B	\$3,103,738

GROUP 1 AUTOMOTIVE INC	\$2,268,722
GUIDEWIRE SOFTWARE INC	\$790,531
HALLIBURTON CO	\$459,969
HANNON ARMSTRONG SUSTAINABLE	-\$3,119,361
HARTFORD FINANCIAL SVCS GRP	\$2,222,810
HASBRO INC	\$900,603
HCA HEALTHCARE INC	\$3,728,637
HEALTHEQUITY INC	-\$2,009,600
HEALTHPEAK PROPERTIES INC	\$1,203,607
HEICO CORP	-\$344,902
HEICO CORP CLASS A	\$633,763
HENRY SCHEIN INC	-\$292,044
HERSHEY CO/THE	\$7,435,532
HESS CORP	\$130,391
HEWLETT PACKARD ENTERPRISE	\$7,521,100
HEXCEL CORP	-\$2,061,552
HILTON WORLDWIDE HOLDINGS IN	\$3,289,958
HOLOGIC INC	\$1,706,844
HOME DEPOT INC	\$25,440,021
HONEYWELL INTERNATIONAL INC	\$17,461,607
HORIZON THERAPEUTICS PLC	\$1,189,565
HORMEL FOODS CORP	\$1,020,806
HOST HOTELS + RESORTS INC	\$762,998
HOWMET AEROSPACE INC	\$1,341,608
HP INC	\$9,849,844
HUBSPOT INC	\$1,266,626
HUMANA INC	\$13,301,364
HUNT (JB) TRANSPRT SVCS INC	\$69,828
HUNTINGTON BANCSHARES INC	\$1,580,379
HUNTINGTON INGALLS INDUSTRIE	\$287,941
IAC/INTERACTIVECORP	\$1,111,295
IDEX CORP	\$1,111,536
IDEXX LABORATORIES INC	\$3,128,686
IHS MARKIT LTD	\$2,499,250
II VI INC	-\$2,234,591
ILLINOIS TOOL WORKS	\$3,159,936
ILLUMINA INC	\$3,987,120
IMMUNOVANT INC	-\$575,943
INCYTE CORP	\$6,755,998
INFOSYS LTD SP ADR	-\$591,047
INGERSOLL RAND INC	\$1,606,810
INGREDION INC	\$4,566,243
INSIGHT ENTERPRISES INC	\$6,848,100
INSULET CORP	\$3,093,634
INTEL CORP	\$14,135,130
INTERACTIVE BROKERS GRO CL A	\$464,271
INTERCONTINENTAL EXCHANGE IN	\$13,752,598
INTERNATIONAL GAME TECHNOLOG	\$3,908,905
INTERNATIONAL PAPER CO	-\$185,257

INTERPUBLIC GROUP OF COS INC	\$260,296
INTL BUSINESS MACHINES CORP	\$7,808,714
INTL FLAVORS + FRAGRANCES	\$688,086
INTUIT INC	\$11,933,368
INTUITIVE SURGICAL INC	\$9,557,862
INVESCO LTD	\$496,250
INVITAE CORP	-\$1,055,159
INVITATION HOMES INC	\$6,011,339
IONIS PHARMACEUTICALS INC	\$2,336,968
IPG PHOTONICS CORP	-\$1,321,704
IQVIA HOLDINGS INC	\$532,852
IRON MOUNTAIN INC	-\$907,011
ISHARES CORE S+P MID CAP ETF	\$33,423,487
ISHARES RUSSELL 2000 ETF	\$980
J2 GLOBAL INC	-\$2,635,872
JACK HENRY + ASSOCIATES INC	-\$689,915
JACOBS ENGINEERING GROUP INC	\$1,048,958
JAZZ PHARMACEUTICALS PLC	\$7,093,684
JM SMUCKER CO/THE	\$975,202
JOHNSON + JOHNSON	\$33,654,454
JOHNSON CONTROLS INTERNATIONAL	\$2,134,474
JPMORGAN CHASE + CO	\$29,038,163
JUNIPER NETWORKS INC	\$4,794,292
KANSAS CITY SOUTHERN	\$1,416,458
KB HOME	\$1,080,517
KELLOGG CO	\$412,460
KEURIG DR PEPPER INC	\$1,694,240
KEYCORP	\$1,184,277
KEYSIGHT TECHNOLOGIES IN	\$1,914,380
KIMBERLY CLARK CORP	\$10,919,342
KIMCO REALTY CORP	\$247,665
KINDER MORGAN INC	\$2,396,802
KKR + CO INC	-\$1,906,917
KLA CORP	\$3,671,085
KNIGHT SWIFT TRANSPORTATION	\$390,390
KRAFT HEINZ CO/THE	\$1,723,295
KROGER CO	\$4,792,330
L3HARRIS TECHNOLOGIES INC	\$3,250,955
LABORATORY CRP OF AMER HLDGS	\$1,464,949
LAM RESEARCH CORP	\$12,500,042
LAMB WESTON HOLDINGS INC	\$835,116
LANDSTAR SYSTEM INC	\$4,215,127
LAS VEGAS SANDS CORP	\$3,552,220
LEAR CORP	\$669,675
LEGGETT + PLATT INC	-\$2,455,726
LEIDOS HOLDINGS INC	\$6,634,859
LENNAR CORP A	\$1,913,068
LENNOX INTERNATIONAL INC	\$686,295
LIBERTY BROADBAND A	\$295,620

LIBERTY BROADBAND C	\$2,439,373
LIBERTY GLOBAL PLC C	\$660,592
LIBERTY GLOBAL PLC A	\$5,479,460
LIBERTY MEDIA COR SIRIUSXM A	\$4,048,415
LIBERTY MEDIA COR SIRIUSXM C	\$560,148
LIBERTY MEDIA CORP LIBERTY A	\$381,268
LIBERTY MEDIA CORP LIBERTY C	\$641,002
LINCOLN NATIONAL CORP	\$1,539,838
LINDE PLC	\$17,048,306
LIVE NATION ENTERTAINMENT IN	\$881,466
LKQ CORP	\$751,775
LOCKHEED MARTIN CORP	\$6,098,911
LOEWS CORP	\$841,784
LOWE S COS INC	\$23,497,380
LPL FINANCIAL HOLDINGS INC	\$8,292,160
LULULEMON ATHLETICA INC	\$3,174,034
LUMEN TECHNOLOGIES INC	-\$330,038
LYFT INC A	\$5,089,082
LYONDELLBASELL INDU CL A	\$1,810,285
M + T BANK CORP	\$1,207,822
MACY S INC	-\$1,155,476
MADISON SQUARE GARDEN SPORTS	\$4,779,972
MAGNA INTERNATIONAL INC	\$2,655,354
MANPOWERGROUP INC	\$5,557,252
MARATHON OIL CORP	\$89,305
MARATHON PETROLEUM CORP	\$2,182,609
MARCUS + MILLICHAP INC	\$2,061,611
MARKEL CORP	\$5,977,641
MARKETAXESS HOLDINGS INC	\$1,601,562
MARRIOTT INTERNATIONAL CL A	\$3,169,378
MARRIOTT VACATIONS WORLD	\$2,090,821
MARSH + MCLENNAN COS	\$2,568,150
MARTIN MARIETTA MATERIALS	\$850,490
MARVELL TECHNOLOGY GROUP LTD	\$2,359,743
MASCO CORP	\$1,054,876
MASIMO CORP	\$1,028,432
MASTERCARD INC A	\$38,289,668
MATCH GROUP INC	\$2,756,647
MATERION CORP	\$2,939,085
MAXIM INTEGRATED PRODUCTS	\$1,916,968
MCCORMICK + CO NON VTG SHRS	\$1,750,627
MCDONALD S CORP	\$13,903,711
MCKESSON CORP	\$12,036,481
MEDICAL PROPERTIES TRUST INC	\$851,902
MEDTRONIC PLC	\$14,827,815
MERCADOLIBRE INC	\$5,528,226
MERCK + CO. INC.	\$19,058,746
METLIFE INC	\$2,754,650
METTLER TOLEDO INTERNATIONAL	\$2,018,373

MGIC INVESTMENT CORP	\$2,465,134
MGM RESORTS INTERNATIONAL	\$1,092,105
MICROCHIP TECHNOLOGY INC	\$3,070,462
MICRON TECHNOLOGY INC	\$17,995,837
MICROSOFT CORP	\$173,981,595
MID AMERICA APARTMENT COMM	\$1,071,544
MKS INSTRUMENTS INC	\$4,600,009
MODERNA INC	\$2,118,652
MOELIS + CO CLASS A	\$1,870,400
MOHAWK INDUSTRIES INC	\$627,932
MOLINA HEALTHCARE INC	\$6,170,272
MOLSON COORS BEVERAGE CO B	\$635,778
MONDELEZ INTERNATIONAL INC A	\$9,257,906
MONGODB INC	\$1,277,105
MONOLITHIC POWER SYSTEMS INC	\$1,564,901
MONSTER BEVERAGE CORP	\$2,981,463
MOODY S CORP	\$3,166,809
MORGAN STANLEY	\$14,327,156
MOSAIC CO/THE	\$3,744,003
MOTOROLA SOLUTIONS INC	\$190,807
MSCI INC	\$2,756,430
MURPHY OIL CORP	\$703,784
NASDAQ INC	-\$71,414
NATIONAL RETAIL PROPERTIES	-\$1,134,098
NCR CORPORATION	\$5,140,628
NEOGENOMICS INC	-\$2,542,863
NETAPP INC	\$7,682,316
NETFLIX INC	\$27,817,314
NEUROCRINE BIOSCIENCES INC	\$626,763
NEW FORTRESS ENERGY INC	-\$239,172
NEW RELIC INC	\$1,796,603
NEW RESIDENTIAL INVESTMENT	-\$3,361,360
NEWELL BRANDS INC	\$632,803
NEWMONT CORP	\$3,543,512
NEWS CORP CLASS A	\$516,943
NEXTERA ENERGY INC	\$20,450,151
NIKE INC CL B	\$17,303,903
NISOURCE INC	\$582,240
NORDSON CORP	\$813,647
NORDSTROM INC	-\$2,157,516
NORFOLK SOUTHERN CORP	\$13,388,848
NORTHERN TRUST CORP	\$481,534
NORTHROP GRUMMAN CORP	\$8,088,488
NORTONLIFELOCK INC	\$1,526,000
NOVA MEASURING INSTRUMENTS	\$1,964,445
NOVOCURE LTD	\$3,798,228
NRG ENERGY INC	\$677,965
NUCOR CORP	\$1,186,243
NUTANIX INC A	\$1,263,582

NVIDIA CORP	\$29,215,523
NVR INC	\$1,301,475
NXP SEMICONDUCTORS NV	\$13,365,109
O REILLY AUTOMOTIVE INC	\$8,406,488
OCCIDENTAL PETROLEUM CORP	\$6,166,480
OGE ENERGY CORP	\$471,687
OKTA INC	\$2,251,218
OLD DOMINION FREIGHT LINE	\$1,358,648
OLD REPUBLIC INTL CORP	\$5,559,206
OLLIE S BARGAIN OUTLET HOLDI	-\$1,597,295
OMEGA HEALTHCARE INVESTORS	-\$2,185,302
OMNICOM GROUP	-\$641,475
ON SEMICONDUCTOR CORP	\$993,552
ONEOK INC	\$1,254,834
ONTO INNOVATION INC	\$3,838,474
ORACLE CORP	\$8,971,791
OTIS WORLDWIDE CORP	\$2,497,729
OWENS CORNING	\$599,716
P G + E CORP	\$1,339,026
PACCAR INC	\$2,592,887
PACKAGING CORP OF AMERICA	\$1,604,859
PALANTIR TECHNOLOGIES INC A	-\$152,887
PALO ALTO NETWORKS INC	\$8,720,560
PARK HOTELS + RESORTS INC	-\$2,600,214
PARKER HANNIFIN CORP	\$8,695,600
PARSLEY ENERGY INC CLASS A	\$3,218,785
PAYCHEX INC	\$618,529
PAYCOM SOFTWARE INC	\$1,664,732
PAYLOCITY HOLDING CORP	\$1,599,715
PAYPAL HOLDINGS INC	\$28,733,764
PELOTON INTERACTIVE INC A	\$2,196,906
PENTAIR PLC	\$646,530
PEOPLE S UNITED FINANCIAL	-\$2,652,215
PEPSICO INC	\$19,895,780
PERFORMANCE FOOD GROUP CO	\$3,206,534
PERKINELMER INC	\$1,184,593
PERRIGO CO PLC	\$451,180
PFIZER INC	\$13,721,553
PHILIP MORRIS INTERNATIONAL	\$10,387,496
PHILLIPS 66	\$2,246,403
PILGRIM S PRIDE CORP	\$1,661,281
PINNACLE WEST CAPITAL	\$4,968,813
PINTEREST INC CLASS A	\$2,250,287
PIONEER NATURAL RESOURCES CO	\$11,746,387
PLUG POWER INC	-\$1,036,798
PNC FINANCIAL SERVICES GROUP	\$4,577,727
POLARIS INC	\$1,013,493
POOL CORP	\$1,101,855
POST HOLDINGS INC	\$399,394

PPD INC	\$308,151
PPG INDUSTRIES INC	\$5,126,156
PPL CORP	\$1,402,189
PRA HEALTH SCIENCES INC	\$5,243,392
PREMIER INC CLASS A	-\$2,531,588
PRINCIPAL FINANCIAL GROUP	\$1,006,091
PROCTER + GAMBLE CO/THE	\$34,188,507
PROGRESSIVE CORP	\$6,639,594
PROLOGIS INC	\$9,873,017
PRUDENTIAL FINANCIAL INC	\$9,315,156
PTC INC	\$973,865
PUBLIC SERVICE ENTERPRISE GP	\$2,506,842
PUBLIC STORAGE	\$2,734,904
PULTEGROUP INC	\$855,285
PURE STORAGE INC CLASS A	\$1,597,849
Q2 HOLDINGS INC	-\$3,166,793
QORVO INC	\$1,407,974
QUALCOMM INC	\$13,917,325
QUEST DIAGNOSTICS INC	\$1,181,213
RAYMOND JAMES FINANCIAL INC	\$4,002,450
RAYTHEON TECHNOLOGIES CORP	\$9,585,916
REALTY INCOME CORP	\$2,306,694
REGENCY CENTERS CORP	\$572,018
REGENERON PHARMACEUTICALS	\$4,608,386
REGIONS FINANCIAL CORP	\$1,144,520
REINSURANCE GROUP OF AMERICA	\$5,777,847
RENAISSANCERE HOLDINGS LTD	\$4,935,135
REPLIGEN CORP	-\$2,982,721
REPUBLIC SERVICES INC	\$780,993
RESMED INC	\$2,276,305
RINGCENTRAL INC CLASS A	-\$496,451
RITCHIE BROS AUCTIONEERS	\$2,961,091
ROBERT HALF INTL INC	\$529,705
ROCKWELL AUTOMATION INC	\$2,149,943
ROKU INC	\$1,899,154
ROLLINS INC	\$5,609,749
ROPER TECHNOLOGIES INC	\$4,079,836
ROSS STORES INC	\$3,856,234
ROWE T PRICE GOV RES FD	\$700
ROYAL CARIBBEAN CRUISES LTD	\$995,468
ROYALTY PHARMA PLC CL A	\$420,120
RPM INTERNATIONAL INC	\$938,484
RUSH ENTERPRISES INC CL A	\$3,221,441
RYDER SYSTEM INC	\$685,042
S+P GLOBAL INC	\$6,270,196
S+P MID 400 EMINI MAR21	\$0
S+P500 EMINI FUT MAR21	\$0
SABRE CORP	-\$3,853,504
SAGE THERAPEUTICS INC	\$1,219,704

SAIA INC	\$4,266,880
SALESFORCE.COM INC	\$18,501,589
SANOFI ADR	\$466,464
SAREPTA THERAPEUTICS INC	\$937,354
SBA COMMUNICATIONS CORP	\$4,774,768
SCHLUMBERGER LTD	\$1,400,089
SCHWAB (CHARLES) CORP	\$8,665,092
SCIENTIFIC GAMES CORP	\$2,600,386
SEAGATE TECHNOLOGY	\$7,364,468
SEAGEN INC	\$4,042,757
SEALED AIR CORP	\$957,377
SEI INVESTMENTS COMPANY	\$531,942
SEMPRA ENERGY	\$4,894,200
SENSATA TECHNOLOGIES HOLDING	\$1,072,099
SERVICENOW INC	\$8,893,298
SHERWIN WILLIAMS CO/THE	\$4,556,442
SILGAN HOLDINGS INC	-\$224,890
SIMON PROPERTY GROUP INC	\$1,143,008
SIMPSON MANUFACTURING CO INC	\$1,885,354
SINCLAIR BROADCAST GROUP A	\$3,261,440
SIRIUS XM HOLDINGS INC	-\$49,578
SKYWORKS SOLUTIONS INC	\$1,887,609
SLACK TECHNOLOGIES INC CL A	\$1,206,290
SMITH (A.O.) CORP	\$542,937
SNAP INC A	\$3,356,543
SNAP ON INC	\$773,039
SNOWFLAKE INC CLASS A	\$392,272
SOLAREGE TECHNOLOGIES INC	\$1,180,425
SONOCO PRODUCTS CO	-\$1,032,668
SOUTHERN CO/THE	\$5,153,977
SOUTHWEST AIRLINES CO	\$507,536
SPDR S+P 500 ETF TRUST	\$92,009,251
SPECTRUM BRANDS HOLDINGS INC	\$3,208,484
SPLUNK INC	\$591,557
SPOTIFY TECHNOLOGY SA	-\$2,711,111
SPROUTS FARMERS MARKET INC	\$1,239,366
SPX CORP	\$2,581,106
SQUARE INC A	\$5,963,989
SS+C TECHNOLOGIES HOLDINGS	\$1,245,044
STAG INDUSTRIAL INC	-\$2,723,462
STANLEY BLACK + DECKER INC	\$9,818,300
STARBUCKS CORP	\$20,761,930
STARWOOD PROPERTY TRUST INC	-\$2,431,202
STATE STREET BANK + TRUST CO	\$25,093,508
STATE STREET CORP	\$2,082,381
STEEL DYNAMICS INC	\$573,660
STERICYCLE INC	-\$3,034,019
STERIS PLC	\$1,191,448
STRYKER CORP	\$5,018,909

SUN COMMUNITIES INC	\$3,116,950
SUNRUN INC	\$599,721
SUNSTONE HOTEL INVESTORS INC	\$3,954,453
SVB FINANCIAL GROUP	\$4,096,648
SWITCH INC A	\$2,628,613
SYNCHRONY FINANCIAL	\$8,724,532
SYNNEX CORP	\$100,253
SYNOPSYS INC	\$3,180,097
SYSCO CORP	\$2,651,156
T MOBILE US INC	\$10,707,495
T ROWE PRICE GROUP INC	\$2,531,998
TAIWAN SEMICONDUCTOR SP ADR	\$633,304
TAKE TWO INTERACTIVE SOFTWARE	\$4,809,923
TARGA RESOURCES CORP	\$2,614,918
TARGET CORP	\$6,520,489
TC ENERGY CORP	\$568,899
TE CONNECTIVITY LTD	\$3,924,121
TEGNA INC	\$3,733,718
TELADOC HEALTH INC	\$1,693,061
TELEDYNE TECHNOLOGIES INC	\$1,451,894
TELEFLEX INC	\$1,414,566
TELEPHONE AND DATA SYSTEMS	\$2,500,469
TEMPUR SEALY INTERNATIONAL I	\$715,824
TERADATA CORP	\$3,810,485
TERADYNE INC	\$1,661,436
TESLA INC	\$40,036,893
TEXAS INSTRUMENTS INC	\$11,809,810
TEXTRON INC	\$6,426,440
TFS FINANCIAL CORP	-\$978,183
THERMO FISHER SCIENTIFIC INC	\$21,192,524
TIFFANY + CO	\$1,061,853
TJX COMPANIES INC	\$9,932,849
TOLL BROTHERS INC	\$1,280,887
TOTAL SE SPON ADR	\$246,682
TOWER SEMICONDUCTOR LTD	\$4,430,067
TRACTOR SUPPLY COMPANY	\$1,205,333
TRADE DESK INC/THE CLASS A	\$2,467,080
TRADEWEB MARKETS INC CLASS A	\$620,940
TRANE TECHNOLOGIES PLC	\$9,670,414
TRANSDIGM GROUP INC	\$2,415,990
TRANSUNION	\$1,394,041
TRAVELERS COS INC/THE	\$9,884,013
TREASURY BILL	\$944,964
TREEHOUSE FOODS INC	\$609,307
TRIMBLE INC	-\$1,773,344
TRINET GROUP INC	\$1,667,130
TRINITY INDUSTRIES INC	\$4,166,981
TRIPADVISOR INC	-\$161,197
TRUIST FINANCIAL CORP	\$8,145,368

TWILIO INC A	-\$559,879
TWITTER INC	\$1,984,598
TYLER TECHNOLOGIES INC	\$1,291,663
TYSON FOODS INC CL A	\$1,653,981
UBER TECHNOLOGIES INC	\$5,023,092
UBIQUITI INC	-\$1,312,061
UDR INC	\$1,711,595
UGI CORP	\$538,629
ULTA BEAUTY INC	\$1,320,075
UNIFIRST CORP/MA	\$3,228,273
UNION PACIFIC CORP	\$14,833,801
UNITED AIRLINES HOLDINGS INC	\$197,739
UNITED PARCEL SERVICE CL B	\$9,716,680
UNITED RENTALS INC	\$1,236,312
UNITED THERAPEUTICS CORP	\$5,025,767
UNITEDHEALTH GROUP INC	\$32,995,131
UNIVAR SOLUTIONS INC	\$5,895,476
UNIVERSAL HEALTH SERVICES B	\$788,563
UNUM GROUP	\$2,757,778
US BANCORP	\$4,659,233
US DOLLAR	\$202,993
VAIL RESORTS INC	\$827,953
VALERO ENERGY CORP	\$1,705,981
VARIAN MEDICAL SYSTEMS INC	\$1,177,467
VEEVA SYSTEMS INC CLASS A	\$2,704,259
VENTAS INC	\$4,014,218
VEREIT INC	\$602,562
VERISIGN INC	\$8,815,703
VERISK ANALYTICS INC	\$2,367,564
VERIZON COMMUNICATIONS INC	\$18,672,571
VERTEX PHARMACEUTICALS INC	\$7,650,089
VERTIV HOLDINGS CO	-\$1,645,126
VF CORP	\$1,583,245
VIACOMCBS INC CLASS B	-\$5,394,615
VIATRIS INC	\$4,540,777
VICI PROPERTIES INC	\$6,071,499
VISA INC CLASS A SHARES	\$29,581,045
VISTRA CORP	\$3,861,991
VMWARE INC CLASS A	\$870,313
VORNADO REALTY TRUST	-\$140,137
VOYA FINANCIAL INC	\$7,611,543
VULCAN MATERIALS CO	\$1,039,208
WABTEC CORP	\$1,215,559
WALGREENS BOOTS ALLIANCE INC	\$280,396
WALMART INC	\$14,755,626
WALT DISNEY CO/THE	\$21,339,380
WARNER MUSIC GROUP CORP CL A	\$1,221,151
WASTE CONNECTIONS INC	\$2,351,622
WASTE MANAGEMENT INC	\$3,671,161

WATERS CORP	\$1,133,184
WAYFAIR INC CLASS A	\$1,079,823
WEC ENERGY GROUP INC	\$2,135,464
WELBILT INC	\$3,848,790
WELLS FARGO + CO	\$14,216,742
WELLTOWER INC	\$2,241,409
WEST PHARMACEUTICAL SERVICES	\$1,544,889
WESTERN DIGITAL CORP	\$7,640,220
WESTERN UNION CO	-\$1,095,706
WESTLAKE CHEMICAL CORP	\$168,096
WESTROCK CO	\$907,426
WEX INC	\$5,331,468
WEYERHAEUSER CO	\$2,042,446
WHIRLPOOL CORP	\$830,615
WILLIAMS COS INC	\$3,541,231
WILLIS TOWERS WATSON PLC	\$2,325,697
WORKDAY INC CLASS A	\$6,435,925
WORLD WRESTLING ENTERTAIN A	\$1,873,373
WP CAREY INC	\$2,196,450
WR BERKLEY CORP	\$699,934
WR GRACE + CO	\$1,001,781
WW GRAINGER INC	\$1,823,238
WYNN RESORTS LTD	\$1,211,230
XCEL ENERGY INC	\$6,787,073
XEROX HOLDINGS CORP	\$1,233,151
XILINX INC	\$3,121,208
XPO LOGISTICS INC	\$801,620
XYLEM INC	\$1,354,723
YUM BRANDS INC	\$9,238,565
ZEBRA TECHNOLOGIES CORP CL A	\$1,512,723
ZENDESK INC	\$1,219,239
ZILLOW GROUP INC A	\$601,942
ZILLOW GROUP INC C	\$1,386,134
ZIMMER BIOMET HOLDINGS INC	\$8,259,994
ZOETIS INC	\$6,685,207
ZOOM VIDEO COMMUNICATIONS A	\$4,306,902
ZOOMINFO TECHNOLOGIES INC A	\$499,904
ZSCALER INC	\$1,060,460
Total Holdings	\$4,304,644,218

International Equity Asset Class**Manager Holdings**

Manager Name	Market Value
BLACKROCK (ETF and Comingled)	\$1,322,666,864
Acadian Asset Mgmt	\$151,148,360
American Century Inv Mgmt	\$74,368,157
Baillie Gifford	\$211,999,913
Dimensional Fund Advisors	\$135,849,530
Franklin Templeton	\$97,469,415
Invesco	\$242,658,570
Lazard Asset Mgmt	\$228,576,385
State Street Global Advisors (Cash)	\$906,523
Total Holdings	\$2,465,643,717

International Equity Class	
Security Holdings	
Security Name	Market Value
361 DEGREES INTERNATIONAL	\$26,003
3I GROUP PLC	\$1,890,063
77 BANK LTD/THE	\$123,748
A2 MILK CO LTD	\$398
AALBERTS NV	\$511,818
ABB LTD REG	\$3,804,521
ACCELL GROUP	\$609,613
ACCTON TECHNOLOGY CORP	\$865,969
ACER INC	\$201,166
ACTOZ SOFT CO LTD	\$28,638
ACWI EX US SUPERFUN	\$1,088,905,780
ADDTECH AB B SHARES	\$360,796
ADECCO GROUP AG REG	\$607,763
ADIDAS AG	\$2,754,128
AECI LTD	\$216,541
AIA GROUP LTD	\$8,319,093
AICHI BANK LTD/THE	\$39,839
AIR LIQUIDE SA	\$3,041,796
AIRTAC INTERNATIONAL GROUP	\$768,738
AJIS CO LTD	\$36,438
AKBANK T.A.S.	\$998,563
ALAMOS GOLD INC CLASS A	\$495,469
ALBAAD MASSUOT YITZHAK LTD	\$12
ALCHIP TECHNOLOGIES LTD	\$596,733
ALCON INC	\$2,325,576
ALFEN BEHEER B.V.	\$479,757
ALIBABA GROUP HOLDING SP ADR	\$12,507,841
ALK ABELLO A/S	\$862,990
ALLIANCE BANK MALAYSIA BHD	\$71,764
ALLIANZ MALAYSIA BHD	\$21,311
ALPARGATAS SA PEF	\$463,729
ALPEK SA DE CV	\$116,700
ALSTOM	\$2,737,082
ALVIVA HOLDINGS LTD	\$24,619
AMCOR PLC CDI	\$2,358,971
ANGANG STEEL CO LTD H	\$78,248
ANGLO AMERICAN PLC	\$639,270
ANHUI HENGYUAN COAL INDUST A	\$1,655,686
ANICOM HOLDINGS INC	\$1,235,089
ANRITSU CORP	\$640,465
AON PLC CLASS A	\$3,777,296
AP MOLLER MAERSK A/S B	\$905,067
APERAM	\$651,434
ARCA CONTINENTAL SAB DE CV	\$2,761,839
ARCADIS NV	\$1,065,893
ARCELIK AS	\$194,724

ARCELORMITTAL	\$2,012,803
ARCLAND SAKAMOTO CO LTD	\$64,632
ASAHI CO LTD	\$319,310
ASAHI GROUP HOLDINGS LTD	\$2,984,303
ASHTED GROUP PLC	\$1,110,556
ASIA CEMENT CHINA HOLDINGS	\$241,172
ASICS CORP	\$1,507,366
ASKA PHARMACEUTICAL CO LTD	\$81,940
ASKUL CORP	\$481,040
ASM INTERNATIONAL NV	\$978,250
ASML HOLDING NV	\$6,988,915
ASOS PLC	\$2,055,127
ASPEED TECHNOLOGY INC	\$427,255
ASUSTEK COMPUTER INC	\$1,203,555
ATLAS COPCO AB A SHS	\$3,543,269
AUSTRALIAN DOLLAR	\$32,248
AUTO TRADER GROUP PLC	\$2,899,899
AUTOHOME INC ADR	\$3,363,171
AVANZA BANK HOLDING AB	\$43,834
AXIS CAPITAL HOLDINGS LTD	\$565,275
B3 SA BRASIL BOLSA BALCAO	\$4,975,869
BAIDU INC SPON ADR	\$5,109,751
BAKKAFROST P/F	\$576,019
BANCA GENERALI SPA	\$354,359
BANCA MEDIOLANUM SPA	\$647,014
BANCO BPM SPA	\$104,194
BANCO BRADESCO ADR	\$1,704,403
BANCO COMERCIAL PORTUGUES R	\$83,062
BANCO ESTADO RIO GRAN PREF B	\$605,330
BANK LEUMI LE ISRAEL	\$1,688,886
BANK MANDIRI PERSERO TBK PT	\$2,378,607
BANK OF GEORGIA GROUP PLC	\$82,300
BANK OF KOCHI LTD/THE	\$6,019
BANK PEKAO SA	\$221,590
BARCO N.V.	\$922,469
BASE INC	\$387,583
BASIC FIT NV	\$544,761
BAYER AG REG	\$1,332,359
BAYERISCHE MOTOREN WERKE AG	\$2,254,056
BE SEMICONDUCTOR INDUSTRIES	\$365,741
BECHTLE AG	\$4,186,417
BEIERSDORF AG	\$1,529,331
BENETEAU	\$587,094
BETSSON AB	\$35,187
BHG GROUP AB	\$1,057,902
BHP GROUP LTD	\$1,334,233
BHP GROUP PLC	\$2,310,692
BILIA AB A SHS	\$132,199
BIO PAPPEL SAB DE CV	\$20,537

BLACKROCK ACWI EX US SMALL CAP	\$11,322,404
BLOOMSBURY PUBLISHING PLC	\$3,846
BLUESCOPE STEEL LTD	\$1,336,435
BNK FINANCIAL GROUP INC	\$1,300,073
BNP PARIBAS	\$3,584,972
BOIRON SA	\$99,923
BOOHOO GROUP PLC	\$396,743
BOOKING HOLDINGS INC	\$3,781,904
BOUSTEAD SINGAPORE LTD	\$4,176
BP PLC SPONS ADR	\$667,680
BRAZILIAN REAL	\$4,141
BREVILLE GROUP LTD	\$270,138
BRITISH AMERICAN TOBACCO PLC	\$2,176,118
BROADCOM INC	\$7,629,536
BRP INC/CA SUB VOTING	\$693,710
BRUNELLO CUCINELLI SPA	\$489,705
BT GROUP PLC	\$260,020
BUCHER INDUSTRIES AG REG	\$1,778,959
BUNKA SHUTTER CO LTD	\$468,382
BURBERRY GROUP PLC	\$1,383,057
BUSAN CITY GAS CO LTD	\$29,484
CAE INC	\$2,723,431
CAMIL ALIMENTOS SA	\$923,885
CANACCORD GENUITY GROUP INC	\$1,406,475
CANADA GOOSE HOLDINGS INC	\$757,067
CANADIAN DOLLAR	\$32,052
CANADIAN NATL RAILWAY CO	\$7,793,691
CANADIAN WESTERN BANK	\$1,191,998
CARLSBERG AS B	\$5,638,479
CARSALES.COM LTD	\$448,105
CCS SUPPLY CHAIN MANAGEME A	\$32,344
CEMBRA MONEY BANK AG	\$662,398
CGI INC	\$8,139,842
CHAILEASE HOLDING CO LTD	\$700,604
CHAMPION IRON LTD	\$79,523
CHECK POINT SOFTWARE TECH	\$28,177
CHIA CHANG CO LTD	\$20,259
CHICONY ELECTRONICS CO LTD	\$1,459,985
CHINA BLUECHEMICAL LTD H	\$28,896
CHINA COAL ENERGY CO H	\$101,868
CHINA DONGXIANG GROUP CO	\$70,502
CHINA HONGQIAO GROUP LTD	\$220,220
CHINA LESSO GROUP HOLDINGS L	\$367,933
CHINA LIFE INSURANCE CO LTD	\$27,843
CHINA MENGNIU DAIRY CO	\$3,929,248
CHINA SOUTH CITY HOLDINGS	\$269,337
CHINA SOUTH PUBLISHING A	\$342,741
CHINA UNITED NETWORK A	\$12,578
CHINA YONGDA AUTOMOBILES SER	\$1,217,709

CHINESE UNIVERSE PUBLISHIN A	\$111,395
CHIPMOS TECHNOLOGIES INC	\$1,069,694
CIA CERVECERIAS UNI SPON ADR	\$50,083
CIA DE DISTRIBUCION INTEGRAL	\$12,943
CIA DE TRANSMISSAO DE ENE PF	\$155,342
CIA ENERGETICA MINAS GER PRF	\$760,488
CIA SANEAMENTO BASICO DE SP	\$1,555,426
CIE FINANCIERE RICHEMO A REG	\$2,631,465
CITIC LTD	\$229,403
CKD CORP	\$301,543
CLOETTA AB B SHS	\$394,978
COATS GROUP PLC	\$404,603
COCA COLA ICECEK AS	\$53,145
COCHLEAR LTD	\$2,611,736
COGECO INC	\$34,877
COLOPL INC	\$222,723
COLOPLAST B	\$937,164
COLRUYT SA	\$114,637
COMPUTER MODELLING GROUP LTD	\$666,882
CONSTRUCC Y AUX DE FERROCARR	\$839,321
CONTEMPORARY AMPEREX TECHN A	\$1,707,284
CONTEXTVISION AB	\$43,805
CONTINENTAL AG	\$2,309,746
COPA HOLDINGS SA CLASS A	\$349,929
CORETRONIC CORP	\$69,272
CREDIT SUISSE GROUP AG REG	\$1,516,892
CRH PLC	\$1,893,053
CRITEO SA SPON ADR	\$96,294
CROPENERGIES AG	\$124,548
CSC STEEL HOLDINGS BHD	\$45,039
CSL LTD	\$1,408,335
CUCKOO HOLDINGS CO LTD	\$49,844
DAEWON SAN UP CO LTD	\$15,852
DAEYANG ELECTRIC CO LTD	\$42,853
DAIBIRU CORP	\$457,913
DAIMLER AG REGISTERED SHARES	\$1,584,163
DAISUE CONSTRUCTION CO LTD	\$25,592
DAIWA HOUSE INDUSTRY CO LTD	\$3,422,854
DANISH KRONE	\$155
DATATEC LTD	\$42,780
DBS GROUP HOLDINGS LTD	\$1,867,319
DE LONGHI SPA	\$138,979
DELTA PROPERTY FUND LTD	\$874
DENSO CORP	\$1,307,066
DENTSU GROUP INC	\$62,342
DERMAPHARM HOLDING SE	\$147,611
DESCARTES SYSTEMS GRP/THE	\$440,798
DEUTSCHE BOERSE AG	\$5,184,302
DFA EMERGING MARKETS SMALL CAP	\$32,237,152

DFA INTERNATIONAL SMALL COMPAN	\$103,612,379
DGB FINANCIAL GROUP INC	\$1,368,601
DIGITAL BROS SPA	\$74,027
DINO POLSKA SA	\$688,548
DL HOLDINGS CO LTD	\$542,866
DOMETIC GROUP AB	\$1,567,955
DOWA HOLDINGS CO LTD	\$524,553
DRAX GROUP PLC	\$135,723
DURATEX SA	\$418,602
DUTECH HOLDINGS LTD	\$6,937
DYNAM JAPAN HOLDINGS CO LTD	\$22,136
EBARA FOODS INDUSTRY INC	\$20,766
EHIME BANK LTD/THE	\$72,207
EL.EN. SPA	\$26,183
ELECTRA CONSUMER PRODUCTS 19	\$77,475
ELECTROCOMPONENTS PLC	\$885,343
ELECTROLUX AB SER B	\$1,105,128
ELEMENT FLEET MANAGEMENT COR	\$745,489
ELIS SA	\$487,935
EMBRACER GROUP AB	\$413,139
EN JAPAN INC	\$1,110,359
ENAUTA PARTICIPACOES SA	\$6,596
ENDAVA PLC SPON ADR	\$858,756
ENEL SPA	\$3,855,168
ENGIE	\$4,007,333
ENN ENERGY HOLDINGS LTD	\$4,728,794
EPIROC AB A	\$2,046,890
EQUINOR ASA	\$1,650,141
ERICSSON LM B SHS	\$330,743
ESR CAYMAN LTD	\$3,992,608
ESSITY AKTIEBOLAG B	\$94,076
EURO CURRENCY	\$39,247
EVERLIGHT ELECTRONICS CO LTD	\$160,702
EXOR NV	\$1,024,785
FAGRON	\$786,787
FAIRFAX FINANCIAL HLDGS LTD	\$873,489
FALCO HOLDINGS CO LTD	\$52,323
FANGDA SPECIAL STEEL TECH A	\$111,638
FANUC CORP	\$2,259,790
FERGUSON PLC	\$3,054,089
FERREXPO PLC	\$32,982
FERRONORDIC AB	\$37,220
FEVERTREE DRINKS PLC	\$526,985
FIAT CHRYSLER AUTOMOBILES NV	\$803,319
FIBI HOLDINGS	\$113,059
FINECOBANK SPA	\$5,526,913
FIRST GEN CORPORATION	\$78,019
FIRSTSERVICE CORP	\$430,353
FISHER + PAYKEL HEALTHCARE C	\$484,763

FISKARS OYJ ABP	\$293,425
FLATEXDEGIRO AG	\$1,104,052
FLETCHER BUILDING LTD	\$229,715
FLOW TRADERS	\$1,159,321
FORTESCUE METALS GROUP LTD	\$3,949,235
FOUNTAIN SET HLDGS	\$26,758
FOXCONN TECHNOLOGY CO LTD	\$300,278
FRENCKEN GROUP LTD	\$17,179
FRESENIUS MEDICAL CARE AG +	\$1,742,855
FUBON FINANCIAL HOLDING CO	\$510,793
FUJI OIL HOLDINGS INC	\$1,458,586
FUJITSU LTD	\$2,021,115
FULLCAST HOLDINGS CO LTD	\$23,304
FURUSATO INDUSTRIES LTD	\$24,089
FUTURE PLC	\$661,197
GAKKEN HOLDINGS CO LTD	\$54,240
GALAXY ENTERTAINMENT GROUP L	\$3,690,908
GALP ENERGIA SGPS SA	\$658,188
GAMES WORKSHOP GROUP PLC	\$401,577
GDS HOLDINGS LTD ADR	\$340,756
GENERALPLUS TECHNOLOGY INC	\$32,493
GENIUS ELECTRONIC OPTICAL CO	\$504,484
GERRESHEIMER AG	\$998,401
GETINGE AB B SHS	\$26,806
GIANT MANUFACTURING	\$1,262,545
GIGABYTE TECHNOLOGY CO LTD	\$877,735
GIORDANO INTERNATIONAL LTD	\$26,170
GOLDTEK TECHNOLOGY CO LTD	\$28,659
GOODBABY INTERNATIONAL HOLDI	\$109,417
GOURMET MASTER CO LTD	\$255,926
GRAND CITY PROPERTIES	\$1,065,601
GRANGE RESOURCES LTD	\$33,572
GRANGES AB	\$1,754,834
GREATVIEW ASEPTIC PACKAGING	\$420,058
GREGGS PLC	\$823,484
GRUPO AEROPORTUARIO DEL CENT	\$370,869
GRUPO FINANCIERO BANORTE O	\$3,571,996
GRUPO FINANCIERO INBURSA O	\$83,600
GUANGXI LIUGONG MACHINERY A	\$432,566
GUNGHO ONLINE ENTERTAINMENT	\$116,244
HACI OMER SABANCI HOLDING	\$514,675
HANA FINANCIAL GROUP	\$1,634,042
HANA MICROELECTRONICS FOREIG	\$1,021,214
HARGREAVES LANSDOWN PLC	\$2,662,365
HARMONIC DRIVE SYSTEMS INC	\$401,860
HARVEY NORMAN HOLDINGS LTD	\$1,117,682
HDFC BANK LTD ADR	\$9,938,929
HEINEKEN NV	\$2,401,114
HELLOFRESH SE	\$753,256

HENNGE KK	\$322,340
HEXAGON AB B SHS	\$2,582,218
HITACHI LTD	\$4,460,889
HOLLYSYS AUTOMATION TECHNOLO	\$673,110
HOLTEK SEMICONDUCTOR INC	\$113,688
HOMESERVE PLC	\$1,584,530
HON HAI PRECISION INDUSTRY	\$2,026,763
HONDA MOTOR CO LTD	\$624,301
HONG KONG DOLLAR	\$6,226
HORNBACH BAUMARKT AG	\$93,826
HOSOKAWA MICRON CORP	\$628,331
HOWDEN JOINERY GROUP PLC	\$609,177
HOYA CORP	\$3,676,517
HUGEL INC	\$600,587
HUHTAMAKI OYJ	\$2,380,755
HURXLEY CORP	\$12,712
HUSQVARNA AB B SHS	\$419,656
HUTCHISON TELECOMM HONG KONG	\$26,031
HWASUNG INDUSTRIAL CO LTD	\$44,319
HYOSUNG TNC CO LTD	\$261,832
HYPROP INVESTMENTS LTD	\$74,592
HYUNDAI FUTURENET CO LTD	\$53,061
IA FINANCIAL CORP INC	\$506,755
ICICI BANK LTD SPON ADR	\$3,819,808
ICON PLC	\$6,756,057
IDEC CORP	\$693,160
IDOM INC	\$695,108
IGG INC	\$54,456
IHI CORP	\$263,694
IND + COMM BK OF CHINA H	\$2,280,216
INDUSTRIA DE DISENO TEXTIL	\$2,488,204
INFINEON TECHNOLOGIES AG	\$1,674,402
INFORMA PLC	\$1,794,766
INFOSYS LTD SP ADR	\$1,493,465
INMODE LTD	\$787,218
INNERGEX RENEWABLE ENERGY	\$467,868
INNOLUX CORP	\$943,412
INTERFOR CORP	\$69,034
INTERMEDIATE CAPITAL GROUP	\$870,177
INTERPUMP GROUP SPA	\$1,953,886
INTERTAPE POLYMER GROUP INC	\$39,033
INTERTEK GROUP PLC	\$1,942,485
INTERTRUST NV	\$1,159,404
INTESA SANPAOLO	\$1,513,347
INVENTEC CORP	\$216,955
INVESTEC PLC	\$435,997
INVESTOR AB B SHS	\$10,007,984
IPSOS	\$101,884
IR JAPAN HOLDINGS LTD	\$462,899

ISHARES MSCI EAFE ETF	\$151,319,040
ISHARES MSCI EAFE SMALL CAP ET	\$1,455,513
ISHARES MSCI EMERGING MARKETS	\$60,469,401
ISHARES MSCI INDIA SMALL CAP E	\$502,804
ISRACARD LTD	\$2
ISRAEL DISCOUNT BANK A	\$1,001,546
ISRAMCO NEGEV 2 LP	\$53,542
IWG PLC	\$521,141
JAPAN POST HOLDINGS CO LTD	\$1,119,698
JAPAN STEEL WORKS LTD	\$768,415
JAPANESE YEN	\$48,130
JARDINE CYCLE + CARRIAGE LTD	\$174,547
JARDINE MATHESON HLDGS LTD	\$1,444,800
JARDINE STRATEGIC HLDGS LTD	\$261,240
JB FINANCIAL GROUP CO LTD	\$42,075
JD SPORTS FASHION PLC	\$407,643
JD.COM INC ADR	\$3,924,296
JDE PEET S NV	\$2,111,541
JENOPTIK AG	\$828,139
JERONIMO MARTINS	\$1,828,471
JET2 PLC	\$542,889
JIANGSU YUYUE MEDICAL EQU A	\$768,681
JIZHONG ENERGY RESOURCES A	\$48,344
JMDC INC	\$509,080
JOHN WOOD GROUP PLC	\$641,969
JOHNSON ELECTRIC HOLDINGS	\$441,396
JOHNSON MATTHEY PLC	\$1,389,188
JUMBO SA	\$515,949
KAKAKU.COM INC	\$2,033,861
KAO CORP	\$2,894,813
KASIKORNBANK PCL FOREIGN	\$773,571
KDDI CORP	\$2,767,700
KERING	\$1,965,833
KERUR HOLDINGS LTD	\$71,183
KEYENCE CORP	\$4,550,341
KIMBERLY CLARK DE MEXICO ADR	\$20,775
KINAXIS INC	\$336,757
KINDRED GROUP PLC	\$42,014
KINEPOLIS	\$472,762
KING YUAN ELECTRONICS CO LTD	\$1,160,065
KINGFISHER PLC	\$282,163
KINGSOFT CLOUD HOLDINGS ADR	\$930,489
KINGSPAN GROUP PLC	\$2,550,747
KLOECKNER + CO SE	\$72,411
KNORR BREMSE AG	\$2,719,393
KOBAYASHI PHARMACEUTICAL CO	\$464,119
KOC HOLDING AS	\$164,683
KOGAN.COM LTD	\$565,840
KOITO MANUFACTURING CO LTD	\$3,386,082

KOMATSU LTD	\$4,205,305
KOMATSU WALL INDUSTRY CO LTD	\$40,564
KONE OYJ B	\$2,381,697
KONINKLIJKE AHOLD DELHAIZE N	\$2,713,162
KONINKLIJKE DSM NV	\$3,030,332
KONINKLIJKE PHILIPS NV	\$2,060,616
KORNIT DIGITAL LTD	\$884,437
KOZA ANADOLU METAL MADENCILI	\$48,126
KRUNG THAI BANK NVDR	\$183,876
KSB SE + CO KGAA VORZUG	\$6,913
KT CORP	\$195,151
KT CORP SP ADR	\$775,027
KUEHNE NAGEL INTL AG REG	\$4,326,985
KUKBO DESIGN CO LTD	\$25,145
KWEICHOW MOUTAI CO LTD A	\$1,716,683
KYOBO SECURITIES CO LTD	\$21,556
LAND MARK OPTOELECTRONICS	\$432,326
LANDIS GYR GROUP AG	\$969,928
LEGAL + GENERAL GROUP PLC	\$1,693,907
LENOVO GROUP LTD	\$1,822,011
LF CORP	\$38,973
LG ELECTRONICS INC	\$3,164,167
LG HOUSEHOLD + HEALTH CARE	\$3,025,849
LI NING CO LTD	\$2,976,444
LIBERBANK SA	\$61,253
LIFCO AB B SHS	\$665,686
LINAMAR CORP	\$809,675
LINDAB INTERNATIONAL AB	\$235,021
LINDE PLC	\$3,812,726
LINK MOBILITY GROUP HOLDING	\$232,627
LITE ON TECHNOLOGY CORP	\$232,180
LIU CHONG HING INVESTMENT	\$25,528
LIVECHAT SOFTWARE SA	\$54,952
LIVENT CORP	\$578,388
LOCAWEB SERVICOS DE INTERNET	\$455,473
LOGITECH INTERNATIONAL REG	\$5,234,745
LOJAS RENNER S.A.	\$2,249,843
LPKF LASER + ELECTRONICS	\$74,589
LVMH MOET HENNESSY LOUIS VUI	\$4,483,926
M DIAS BRANCO SA	\$900,319
M+G PLC	\$586,206
MABUCHI MOTOR CO LTD	\$648,705
MACAUTO INDUSTRIAL CO LTD	\$155,968
MACMAHON HOLDINGS LTD	\$41,269
MACQUARIE MEXICO REAL ESTATE	\$263,574
MAGNI TECH INDUSTRIES BHD	\$37,380
MAKEMYTRIP LTD	\$964,627
MAKITA CORP	\$3,350,022
MALAYSIAN PACIFIC INDUSTRIES	\$141,910

MALAYSIAN RINGGIT	\$547
MAN GROUP PLC/JERSEY	\$1,286,878
MAN WAH HOLDINGS LTD	\$826,916
MANDO CORP	\$673,253
MARR SPA	\$853,383
MATAS A/S	\$581,956
MAX STOCK LTD	\$870,320
MAZDA MOTOR CORP	\$550,946
MBANK SA	\$190,454
MC GROUP PCL NVDR	\$43,069
MCBRIDE PLC	\$27,970
MEDIASET SPA	\$568,895
MEDTRONIC PLC	\$4,462,683
MEITEC CORP	\$1,406,906
MEITUAN CLASS B	\$4,741,655
MELCO INTERNATIONAL DEVELOP.	\$398,692
MENICON CO LTD	\$423,749
MERCADOLIBRE INC	\$3,847,980
MERCARI INC	\$451,983
MERCK KGAA	\$2,442,791
MERIDA INDUSTRY CO LTD	\$1,621,041
METALL ZUG AG SHS B REG	\$20,363
METSO OUTOTEC OYJ	\$1,505,839
METTLER TOLEDO INTERNATIONAL	\$3,537,567
MEXICAN PESO (NEW)	\$85,120
MI CHANG OIL INDUSTRIAL CO	\$39,836
MILLION HOPE INDUSTRIES HOLD	\$790
MINERAL RESOURCES LTD	\$50,572
MINTH GROUP LTD	\$706,823
MINITUBISHI MOTORS CORP	\$27,113
MIXI INC	\$186,038
MONEY MARKET FD FOR EBT	\$1
MORINAGA + CO LTD	\$334,467
MORITA HOLDINGS CORP	\$557,230
MOVIDA PARTICIPACOES SA	\$382,054
MR PRICE GROUP LTD	\$2,274,508
MSCI EMF	\$10,650,238
MURATA MANUFACTURING CO LTD	\$3,240,719
NABTESCO CORP	\$840,564
NAFCO CO LTD	\$15,575
NAGANO BANK LTD/THE	\$14,469
NAKANO CORP	\$16,356
NAKAYAMA STEEL WORKS LTD	\$30,048
NAN PAO RESINS CHEMICAL CO L	\$366,987
NASPERS LTD N SHS	\$5,342,998
NATIONAL BANK OF GREECE	\$299,565
NATWEST GROUP PLC	\$29,739
NAVER CORP	\$6,729,681
NCS+A CO LTD	\$34,142

NEL ASA	\$443,366
NEMETSCHEK SE	\$1,308,664
NESTLE SA REG	\$5,245,613
NETCOMPANY GROUP AS	\$807,966
NEW ISRAELI SHEQEL	\$0
NEW ORIENTAL EDUCATIO SP ADR	\$2,401,594
NEW TAIWAN DOLLAR	\$23
NEW ZEALAND DOLLAR	\$1,728
NEWCREST MINING LTD	\$448,252
NEXANS SA	\$1,013,412
NEXON CO LTD	\$3,560,540
NEXTDC LTD	\$912,311
NIBE INDUSTRIER AB B SHS	\$3,319,991
NICHIHA CORP	\$1,400,794
NIDEC CORP	\$5,745,421
NIEN MADE ENTERPRISE CO LTD	\$1,218,236
NIHON KOHDEN CORP	\$260,352
NIHON PARKERIZING CO LTD	\$479,391
NIHON UNISYS LTD	\$371,737
NIKON CORP	\$148,177
NILFISK HOLDING A/S	\$99,660
NINETY ONE PLC	\$108,991
NINTENDO CO LTD	\$5,993,530
NIPPON GAS CO LTD	\$840,922
NIPPON TELEGRAPH + TELEPHONE	\$2,608,474
NISSAN TOKYO SALES HOLDINGS	\$39,082
NISSAI ASB MACHINE CO LTD	\$1,140,975
NISSHIN GROUP HOLDINGS CO LT	\$37,056
NN GROUP NV	\$618,791
NORCROS PLC	\$31,464
NORDEA BANK ABP	\$1,735,473
NORDIC ENTERTAINMENT GROUP B	\$539,595
NOROO PAINT + COATINGS CO LT	\$82,369
NORTH WEST CO INC/THE	\$636,578
NORWEGIAN KRONE	-\$3
NOVA MEASURING INSTRUMENTS	\$606,878
NOVARTIS AG REG	\$8,314,183
NOVO NORDISK A/S B	\$4,642,479
NUVEI CORP SUBORDINATE VTG	\$584,954
OLYMPUS CORP	\$7,315,130
ONESPAWORLD HOLDINGS LTD	\$1,073,864
OPEN HOUSE CO LTD	\$734,176
ORION OYJ CLASS A	\$260,196
ORION OYJ CLASS B	\$229,645
OTP BANK PLC	\$1,673,176
OXFORD INSTRUMENTS PLC	\$912,901
PEGATRON CORP	\$191,615
PERNOD RICARD SA	\$4,056,340
PET CENTER COMERCIO E PARTIC	\$461,493

PEUGEOT SA	\$2,232,747
PHILIP MORRIS INTERNATIONAL	\$5,105,577
PHILIPPINE PESO	\$543
PIGEON CORP	\$1,314,684
PING AN INSURANCE GROUP CO H	\$11,051,284
POU CHEN	\$121,809
POUND STERLING	\$150,534
PROACT IT GROUP AB	\$48,865
PROSIEBENSAT.1 MEDIA SE	\$2,454,224
PROSUS NV	\$5,421,212
PROTECH HOME MEDICAL CORP	\$49,538
PRUDENTIAL PLC	\$2,652,604
PUBLICIS GROUPE	\$506,748
QOL HOLDINGS CO LTD	\$830,307
QUANG VIET ENTERPRISE CO LTD	\$58,040
QUDIAN INC SPON ADR	\$70,477
QUEBECOR INC CL B	\$71,023
RAIA DROGASIL SA	\$2,783,604
RAIFFEISEN BANK INTERNATIONA	\$1,198,548
RAKUS CO LTD	\$222,415
RANDON PARTICIPACOES SA PEF	\$717,907
RATHBONE BROTHERS PLC	\$401,780
RATIONAL AG	\$3,316,970
RATOS AB B SHS	\$103,437
REACH PLC	\$47,060
RECORDATI INDUSTRIA CHIMICA	\$35,885
REDBUBBLE LTD	\$382,065
RELIANCE INDS SPONS GDR 144A	\$2,143,802
RELX PLC	\$4,790,423
REMY COINTREAU	\$2,578,665
RHYTHM CO LTD	\$11,280
RICHELIEU HARDWARE LTD	\$38,901
RIGHTMOVE PLC	\$3,393,802
RIO TINTO LTD	\$2,285,429
RIO TINTO PLC	\$352,551
RIO TINTO PLC SPON ADR	\$919,715
ROCHE HOLDING AG GENUSSSCHEIN	\$7,129,774
ROYAL UNIBREW	\$597,593
RYANAIR HOLDINGS PLC SP ADR	\$3,358,019
RYOHIN KEIKAKU CO LTD	\$2,030,684
S.O.I.T.E.C.	\$1,060,903
SAFRAN SA	\$3,457,812
SAINT MARC HOLDINGS CO LTD	\$36,612
SAMHALLSBYGGNADSBOLAGET I NO	\$908,268
SAMPO OYJ A SHS	\$1,488,978
SAMSUNG CARD CO	\$111,864
SAMSUNG ELECTRONICS CO LTD	\$22,113,380
SANDNES SPAREBANK	\$36,931
SANDS CHINA LTD	\$1,893,557

SANDVIK AB	\$7,653,177
SANLORENZO SPA/AMEGLIA	\$969,253
SANOFI	\$6,302,209
SANSTEEL MINGUANG CO LTD A	\$305,123
SANTANDER BANK POLSKA SA	\$63,295
SARTORIUS AG VORZUG	\$3,478,487
SARTORIUS STEDIM BIOTECH	\$111,521
SBANKEN ASA	\$436,933
SCHAEFFLER AG PEF	\$194,606
SCHINDLER HOLDING PART CERT	\$241,043
SCHNEIDER ELECTRIC SE	\$5,457,791
SEEK LTD	\$2,121,163
SELVAAG BOLIG ASA	\$85,180
SENIOR PLC	\$72,946
SEOUL SEMICONDUCTOR CO LTD	\$320,007
SERIA CO LTD	\$591,012
SEVEN GROUP HOLDINGS LTD	\$1,166,704
SGIS SONGSHAN CO LTD A	\$37,543
SHANGHAI HAOHAI BIOLOGICAL H	\$431,553
SHANGHAI SHIMAO CO LTD A	\$242,632
SHANXI TAIGANG STAINLESS A	\$504,091
SHIFT INC	\$623,711
SHIMA SEIKI MFG LTD	\$568,543
SHIMAMURA CO LTD	\$356,976
SHIMANO INC	\$2,542,753
SHINYOUNG SECURITIES CO LTD	\$67,822
SHISEIDO CO LTD	\$2,819,980
SHO BOND HOLDINGS CO LTD	\$655,092
SHOPIFY INC CLASS A	\$7,867,053
SIEGFRIED HOLDING AG REG	\$1,589,779
SIEMENS GAMESA RENEWABLE ENE	\$2,968,567
SIG COMBIBLOC GROUP AG	\$723,123
SILICON MOTION TECHNOL ADR	\$411,538
SINCH AB	\$972,137
SINDOH CO LTD	\$12,295
SINGAPORE DOLLAR	\$155
SINGAPURA FINANCE LTD	\$20,002
SINOFERT HOLDINGS LTD	\$18,819
SINON CORP	\$217,311
SINOPAC FINANCIAL HOLDINGS	\$441,227
SIXT SE	\$621,790
SK MATERIALS CO LTD	\$1,012,828
SKF AB B SHARES	\$554,200
SKYWORTH GROUP LTD	\$56,271
SMA SOLAR TECHNOLOGY AG	\$302,446
SMC CORP	\$5,487,433
SMITHS NEWS PLC	\$19,155
SNT ENERGY CO LTD	\$29,678
SODA NIKKA CO LTD	\$1,587

SOFTBANK GROUP CORP	\$2,278,983
SOLUTIONS 30 SE	\$791,239
SONOVA HOLDING AG REG	\$414,752
SONY GROUP CORP	\$4,901,177
SOUNDWILL HOLDINGS LTD	\$6,995
SOUTH AFRICAN RAND	\$2,175
SOUTH KOREAN WON	\$3
SOUTH32 LTD DI	\$1,512,470
SPAREBANK 1 NORD NORGE	\$54,988
SPAREBANKEN SOR	\$17,826
SPOTIFY TECHNOLOGY SA	\$3,398,013
SQUARE ENIX HOLDINGS CO LTD	\$1,145,954
SRI TRANG GLOVES THA FOREIGN	\$349,559
ST JAMES S PLACE PLC	\$371,121
STABILUS SA	\$1,146,454
STANDARD BANK GROUP LTD	\$153,149
STATE STREET BANK + TRUST CO	\$17,989,893
STILLFRONT GROUP AB	\$1,041,650
STOCK SPIRITS GROUP PLC	\$578,334
STROEER SE + CO KGAA	\$576,409
SUBARU CORP	\$557,351
SUGI HOLDINGS CO LTD	\$888,857
SUGIMOTO + CO LTD	\$34,728
SUL AMERICA SA UNITS	\$466,264
SUMITOMO MITSUI FINANCIAL GR	\$1,503,759
SUNCOR ENERGY INC	\$2,382,335
SUNNINGDALE TECH LTD	\$8,104
SUZUKEN CO LTD	\$126,447
SUZUKI MOTOR CORP	\$1,824,890
SWEDISH KRONA	\$112
SWEDISH MATCH AB	\$1,476,736
SWISS FRANC	\$85,395
SYNNEX TECHNOLOGY INTL CORP	\$831,340
SYSMEX CORP	\$3,675,142
TAEKWANG INDUSTRIAL CO LTD	\$40,555
TAIWAN BUSINESS BANK	\$298,740
TAIWAN SEMICONDUCTOR MANUFAC	\$7,884,547
TAIWAN SEMICONDUCTOR SP ADR	\$11,044,334
TARKETT	\$54,373
TASEKO MINES LTD	\$71,441
TCL ELECTRONICS HOLDINGS LTD	\$53,201
TECAN GROUP AG REG	\$790,110
TECHNO RYOWA LTD	\$11,225
TECHNOGYM SPA	\$1,495,765
TECHNOPRO HOLDINGS INC	\$1,325,004
TECHTRONIC INDUSTRIES CO LTD	\$4,283,444
TELENOR ASA	\$2,189,825
TELKOM INDONESIA PERSERO ADR	\$2,155,232
TELKOM SA SOC LTD	\$216,404

TEMPLE + WEBSTER GROUP LTD	\$480,625
TEN SQUARE GAMES SA	\$46,582
TENCENT HOLDINGS LTD	\$15,180,433
TESCO PLC	\$3,573,688
TEXWINCA HOLDINGS LTD	\$27,671
TFI INTERNATIONAL INC	\$792,481
THAI BEVERAGE PCL	\$1,110,967
THULE GROUP AB/THE	\$1,833,940
TIAN DI SCIENCE + TECHNOLO A	\$302,217
TIGERS POLYMER CORP	\$24,423
TIMES NEIGHBORHOOD HOLDINGS	\$273,402
TMX GROUP LTD	\$1,539,851
TOCHIGI BANK LTD/THE	\$82,797
TOKAI CORP/GIFU	\$220,756
TOPCO SCIENTIFIC CO LTD	\$178,625
TOPCON CORP	\$391,138
TOWA PHARMACEUTICAL CO LTD	\$94,546
TRAINLINE PLC	\$2,036,306
TRANSMISSORA ALIANCA DE UNIT	\$127,694
TREASURY WINE ESTATES LTD	\$923,974
TRELLEBORG AB B SHS	\$721,662
TRIP.COM GROUP LTD ADR	\$1,616,949
TRIPOD TECHNOLOGY CORP	\$898,302
TSINGTAO BREWERY CO LTD H	\$4,272,665
TSUMURA + CO	\$1,435,227
TSURUMI MANUFACTURING CO LTD	\$32,481
TURK TRAKTOR VE ZIRAAT MAKIN	\$214,373
TURKCELL ILETISIM HIZMET AS	\$95,675
TURKISH LIRA	\$1,342
TURKIYE GARANTI BANKASI	\$614,088
UBISOFT ENTERTAINMENT	\$2,138,140
UBS GROUP AG REG	\$1,100,145
UNILEVER PLC	\$2,998,459
UNION INSURANCE CO LTD	\$49,910
UNIPOL GRUPPO SPA	\$327,628
UNITED MICROELECTRONICS CORP	\$83,903
UNITED OVERSEAS BANK LTD	\$3,787,972
US DOLLAR	\$63,690
UT GROUP CO LTD	\$378,130
V ZUG HOLDING AG	\$11,987
VALMET OYJ	\$32,669
VALUE PARTNERS GROUP LTD	\$554,381
VEDAN INTERNATIONAL HOLDINGS	\$43,333
VEON LTD	\$196,863
VERBIO VEREINIGTE BIOENERGI	\$581,437
VESTAS WIND SYSTEMS A/S	\$2,893,434
VETOQUINOL SA	\$22,094
VIA OPTRONICS AG	\$372,842
VINCI SA	\$1,636,669

VIVENDI	\$2,312,826
VODAFONE GROUP PLC	\$1,377,366
VOESTALPINE AG	\$335,162
VOLKSWAGEN AG PREF	\$4,141,088
VOLVO AB B SHS	\$1,453,308
VONOVIA SE	\$1,863,154
VONTOBEL HOLDING AG REG	\$706,646
VTECH HOLDINGS LTD	\$1,148,101
WALMART DE MEXICO SAB DE CV	\$8,165,762
WAREHOUSES DE PAUW SCA	\$248,439
WATCHES OF SWITZERLAND GROUP	\$891,338
WEIR GROUP PLC/THE	\$4,508,708
WEST FRASER TIMBER CO LTD	\$789,556
WESTSHORE TERMINALS INVESTME	\$73,422
WH SMITH PLC	\$517,943
WILSON BAYLY HOLMES OVCON	\$63,959
WINPAK LTD	\$100,832
WISTRON CORP	\$408,214
WOLTERS KLUWER	\$8,650,942
WULIANGYE YIBIN CO LTD A	\$2,471,920
XERO LTD	\$3,287,896
XIABUXIABU CATERING MANAGEME	\$912,063
XINYU IRON + STEEL CO LTD A	\$238,982
XIWANG SPECIAL STEEL CO LTD	\$13,215
XL AXIATA TBK PT	\$678,264
XTEP INTERNATIONAL HOLDINGS	\$1,066,998
YACHIYO INDUSTRY CO LTD	\$14,117
YAMAHA CORP	\$3,068,952
YAMAHA MOTOR CO LTD	\$232,317
YANGZIJIANG SHIPBUILDING	\$926,277
YAPI VE KREDI BANKASI	\$1,190,205
YOUNGTEK ELECTRONICS CORP	\$176,525
YUAN RENMINBI	\$55,151
YUANTA FINANCIAL HOLDING CO	\$1,009,933
YUANTA FUTURES CO LTD	\$35,014
YUEXIU PROPERTY CO LTD	\$22,130
YUM CHINA HOLDINGS INC	\$4,784,941
YUSHIN PRECISION EQUIPMENT	\$45,324
Z HOLDINGS CORP	\$1,584,577
ZALANDO SE	\$5,601,351
ZEON CORP	\$978,408
ZINUS INC	\$516,375
ZOJIRUSHI CORP	\$416,148
ZUR ROSE GROUP AG	\$1,318,073
Total Holdings	\$2,465,643,717

Private Investments Asset Class	
Security Holdings	
Security Name	Market Value
AFFINITY ASIA PACIFIC FUND III	\$696,477
AFFINITY ASIA PACIFIC FUND IV	\$10,833,811
AMERICAN SECURITIES PRTNRS VII	\$15,983,000
AMERICAN SECURITIES PTRNS VI	\$20,490,834
ANGELES EQUITY PARTNERS I, LP	\$10,671,718
ASCENDENT CAPITAL PARTNERS III	\$6,638,743
AUDAX PRIVATE EQ FUND IV	\$1,916,102
AUDAX PRIVATE EQUITY V	\$16,377,062
AXIOM ASIA IV LP	\$47,881,485
AXIOM ASIA PRIVATE CAP FND III	\$46,076,699
AXIOM ASIA PRIVATE CAP FUND II	\$13,893,673
AXIOM ASIA V LP	\$22,549,020
BDCM OPPORTUNITY FUND III LP	\$28,313,319
BIGCOMMERCE HLDGS INC	\$5,083,909
BLUE SAGE CAPITAL III LP	\$5,250,829
BRIN NON US TRUST 2001 PRIM	\$37,898
BRINSON NON U.S. TRUST 2000	\$89,743
BRINSON NON US 1999 PRIMARY FD	\$19
BRINSON NON US PTRSP 2002 PRIM	\$34,495
BRINSON NON US PTRSP 2004 PRIM	\$74,154
BRINSON NON US TRUST 2003 PRIM	\$64,673
BRINSON PTRSHP 1998 PRIMARY FD	\$19,304
BRINSON PTRSHP 1999 PRIMARY FD	\$119,767
BRINSON PTRSHP 2000 PRIMARY FD	\$362,097
BRINSON PTRSHP 2001 PRIMARY FD	\$995,651
BRINSON PTRSHP 2002 PRIMARY FD	\$419,662
BRINSON PTRSHP 2002 SECONDARY	\$189,904
BRINSON PTRSHP 2003 PRIMARY FD	\$1,191,157
BRINSON PTRSHP 2003 SECONDARY	\$110,655
BRINSON PTRSHP 2004 PRIMARY FD	\$923,132
BRV VI, L.P.	\$10,407,822
BUILDERS VC ENTREPRENUERS FD I	\$4,060,623
BUILDERS VC FUND I	\$10,535,714
CAPITALSPRING INVESTMENT V	\$31,903,759
CARLYLE VENTURE PARTNERS III	\$510,230
CATALYST FUND IV PARALLEL LP	\$7,810,629
CATALYST FUND LP IV	\$2,576,188
CCMP CAPITAL INVESTORS III, L	\$24,494,018
CENTERBRIDGE CAP PARTNERS III	\$21,360,013
CENTERBRIDGE CAPITAL PTRNS II	\$4,910,888
CENTERBRIDGE SPEC CR III	\$7,795,706
CENTERBRIDGE SPEC CR III FLX	\$7,315,286
CENTERBRIDGE SPECIAL CREDIT II	\$2,192,540
CENTERBRIDGE SPECIAL CREDIT PR	\$270,879
CRESCENT ASIA CONS AND DVF II	\$29,876,372
DEERPATH CAPITAL ADVANTAGE IV	\$52,083,756

DEERPATH CAPITAL ADVANTAGE V	\$45,561,642
DFW CAPITAL PARTNERS V, LP	\$20,106,323
DOVER STREET IX	\$14,321,970
DOVER STREET VII LP	\$1,347,021
DOVER STREET VIII LP	\$7,892,914
EUREKA III, L.P	\$13,635,620
EURO CURRENCY	\$61
FOUNDATION CAP LEADERSHIP F II	\$7,804,158
FOUNDATION CAPITAL IX LP	\$11,318,454
GOLDENTREE DISTR CO INVEST III	\$8,201,128
GOLDENTREE DISTRESSED FUND III	\$43,672,537
GRIDIRON CAPITAL FUND II	\$6,225,220
GRIDIRON CAPITAL FUND III	\$46,352,888
GUARDIAN CAPITAL PART FD II	\$32,091,036
HARBOURVEST 2007 DIRECT	\$906,869
HARBOURVEST INTL PVT EQTY VI	\$15,912,284
HCI EQUITY PARTNERS III	\$10,283,936
HCI EQUITY PARTNERS IV LP	\$36,164,549
HIGHWAY 12 VENTURE II	\$0
HKW CAPITAL PARTNERS IV, L.P	\$8,612,035
HKW CAPITAL PARTNERS V LP	\$25,585,905
INDUSTRY VENTURES FUND IV	\$290,132
ISHARES RUSSELL 2000 ETF	\$50,282,332
JCF II LP	\$4,098
JLL PARTNERS FD VII, LP	\$29,825,026
JLL PARTNERS FUND V LP	\$2,505,159
KINDERHOOK CAPITAL FD V, LP	\$29,694,385
KINDERHOOK CAPITAL FUND IV,LP	\$20,577,818
KINDERHOOK CAPITAL FUND VI LP	\$3,118,166
LEVINE LEICHTMAN CAPITAL VI LP	\$23,816,223
LEXINGTON CAPITAL PARTNERS VIB	\$2,664,702
LEXINGTON CAPITAL PTNRS VII LP	\$8,330,954
LEXINGTON CAPITAL PTRS V LP	\$195,126
LEXINGTON MID MARKET II LP	\$2,476,747
MATLIN PATTERSON GLB OPP	\$423,762
MCCARTHY CAPITAL FUND VI, LP	\$12,484,385
MCCARTHY CAPITAL FUND VII LP	\$45,636
MHR INSTITUTIONAL III	\$7,931,203
NB CO INVESTMENT PARTNERS LP	\$2,153,204
NB STRAT CO INV PARTNERS FD IV	\$1,856,489
NB STRATEGIC CO INVEST II, LP	\$7,328,188
NB STRATEGIC CO INVEST III LP	\$19,753,942
NORTHGATE V LP	\$54,921,595
NORTHGATE VENTURE PTNRS VI	\$27,570,635
OAK HILL CAPITAL PARTNERS II	\$344,313
OAK HILL III	\$4,279,013
OAKTREE CPTL MGMT OPPTY FD VII	\$66,999
OCM OPPORTUNITIES FUND VIII LP	\$239,151
OCP ASIA FUND III LP	\$64,906,833

OCP ASIA FUND IV US LP	\$107,258
ODYSSEY INVESTMENT PART FD V	\$29,291,108
ODYSSEY INVESTMENT PRTNS FD VI	\$6,358,726
ODYSSEY INVESTMENT PTNRS IV	\$2,381,439
OPUS CAPITAL VENTURE VI	\$4,096,250
ORCHARD LANDMARK II LP	\$40,640,290
PANGAEA THREE LP	\$10,680,277
PANGAEA TWO LP	\$19,261,324
PERFORMANCE VENTURE CAPITAL II	\$27,793,120
PINE BROOK FUND II, L.P	\$23,658,398
PORTFOLIO ADVISORS FUND V(B)	\$3,560,144
PORTFOLIO ADVISORS IV (B)	\$5,109,390
PORTFOLIO ADVISORS IV (E)	\$1,511,955
PORTFOLIO ADVISORS SECONDARY	\$1,811,879
RIVERGLADE CAPITAL, L.P.	\$9,406,049
SIGULER GUFF SBO FUND II LP	\$16,598,503
SIGULER GUFF SM BUYOUT	\$3,193,687
SOUTHERN CAPITAL FUND III LP	\$11,959,900
SPIRE CAPITAL PARTNERS III LP	\$9,763,676
STATE STREET BANK + TRUST CO	\$16,876,474
STERLING CAPITAL PARTNERS IV	\$8,898,185
SUMERU EQUITY PARTNERS III LP	\$20,453,593
TENAYA CAPITAL VI LP	\$18,217,295
TENAYA CAPITAL VII LP	\$11,420,382
TENEX CAPITAL PARTNERS II, LP	\$40,086,186
TENEX CAPITAL PARTNERS LP	\$7,841,166
TERRA FIRMA III LIMITED PART	\$342,935
TREE LINE DIRECT LENDING II LP	\$34,036,450
TRILANTIC CAPITAL PARTNERS	\$10,783,832
TRILANTIC CAPITAL PARTNERS IV	\$725,871
US DOLLAR	\$15,841,218
VERITAS CAPITAL FD VI LP	\$48,282,270
VERITAS CAPITAL FUND V LP	\$44,128,280
VERITAS CAPITAL FUND VII, L.P	\$7,358,989
VERITAS CAPITAL PARTNERS IV	\$3,627,869
VIDA INSURANCE CRD OPP FD II	\$40,082,279
VIDA INSURANCE CRD OPP FD III	\$21,164,103
WCAS CAPITAL PARTNERS FUND IV	\$1,069,188
Grand Total	\$1,787,896,119

Real Assets Asset Class	
Security Holdings	
Security Name	Market Value
ANTERO MIDSTREAM CORP	\$3,662,250
ARCLIGHT ENERGY PART FD VI LP	\$13,025,441
ARCLIGHT ENERGY PARTNERS FD V	\$7,430,741
BP MIDSTREAM PARTNERS LP	\$5,565,000
CHENIERE ENERGY INC	\$2,101,050
DENHAM INTL POWER FUND LP	\$22,473,449
ECOSYSTEM INVESTMENT PTRS IV	\$5,058,367
EIF US POWER FUND IV LP	\$18,836,709
ENBRIDGE INC	\$1,343,580
ENERGY TRANSFER LP	\$8,652,000
ENLINK MIDSTREAM LLC	\$4,081,000
ENTERPRISE PRODUCTS PARTNERS	\$8,031,900
EQUITRANS MIDSTREAM CORP	\$402,000
GENESIS ENERGY L.P.	\$1,490,400
KIMMERIDGE ENERGY EXPLOR FD IV	\$10,551,582
KIMMERIDGE ENERGY EXPLOR FD V	\$36,454,058
KINDER MORGAN INC	\$5,809,750
MAGELLAN MIDSTREAM PARTNERS	\$9,124,600
MOLPUS WOODLANDS FUND III LP	\$41,323,671
MOUNTAIN CAPITAL PARTNERS, LP	\$26,091,236
MOUNTAIN CAPITAL PTNRS II LP	\$0
MPLX LP	\$9,093,000
ORM TIMBER FUND III LLC	\$28,123,433
ORM TIMBER FUND IV LLC	\$9,227,547
PHILLIPS 66 PARTNERS LP	\$5,282,000
PLAINS ALL AMER PIPELINE LP	\$5,768,000
PLAINS GP HOLDINGS LP CL A	\$5,915,000
QUINTANA ENERGY PARTNERS TE LP	\$277,043
RMS FOREST GROWTH III LP	\$19,740,842
SHELL MIDSTREAM PARTNERS LP	\$5,544,000
SILVER CREEK AGG RESERVES FD I	\$6,288,956
STATE STREET BANK + TRUST CO	\$18,190,621
TARGA RESOURCES CORP	\$10,209,060
TC ENERGY CORP	\$1,425,200
TRILANTIC ENERGY	\$8,447,108
TRILANTIC ENERGY PARTNERS II	\$5,608,376
US DOLLAR	-\$15,952,839
WARWICK PARTNERS III, L.P.	\$21,287,861
WESTERN MIDSTREAM PARTNERS L	\$3,455,000
WHITE DEER ENERGY II LP	\$9,112,878
WHITE DEER ENERGY III	\$8,754,410
WILLIAMS COS INC	\$6,416,000
Total Holdings	\$403,722,279

**Real Estate Asset Class
Security Holdings**

Security Name	Market Value
552992935 JPM STRATEGIC PROPRT	\$80,216,392
ABR CHESAPEAKE FUND IV	\$4,141,730
AG CORE PLUS REALTY FD II	\$198,525
AG CORE PLUS REALTY FD III	\$5,348,098
AG CORE PLUS REALTY FD IV LP	\$19,878,693
AG CREDO III	\$32,400,090
AG REALTY FUND VII LP	\$229,838
AG REALTY REALTY FUND IX LP	\$19,295,706
AG REALTY REALTY FUND VIII	\$4,959,556
AG REALTY VALUE FUND X US LP	\$9,122,972
ALMANAC REALTY SECURITIES V	\$73,350
AMERICAN CORE REALTY FUND LLC	\$79,477,322
BELL INSTITUTIONAL FUND VI, LP	\$19,691,094
BELL INSTITUTIONAL FUND VII LP	\$3,815,644
BKM INDUSTRIAL VALUE FUND II	\$32,126,464
BPG INVESTMENT PARTNERSHIP IX	\$3,216,305
CARLYLE EUROPE R E P III L P	\$959,571
CBRE STRAT PRTNS US VALUE 6	\$0
CBRE STRAT PRTNS US VALUE 7	\$788,971
CBRE STRATEGIC PART US VALUE 8	\$23,184,876
CBRE STRATEGIC PART US VALUE 9	\$7,660,085
CENTERBRIDGE PTNRS REAL ESTATE	\$15,432,823
CENTERSQUARE DOMESTIC REIT MU6	\$104,419,533
CIM FUND III	\$10,636,991
DRA ADVISORS VI	\$975,379
DRA GROWTH AND INCOME FUND VII	\$2,963,200
DRA GROWTH AND INCOME FUND X	\$5,217,116
DRA GROWTH AND INCOME IX,LLC	\$17,466,827
DRA GROWTH AND INCOME VIII	\$14,023,400
EQUUS INVT PARTNERSHIP X LP	\$14,957,555
FIDELITY ADVISOR SER IV	\$114,556,173
GEM REALTY FUND IV LP	\$66,152
GEM REALTY FUND V, LP	\$10,960,583
GEM REALTY FUND VI LP	\$9,058,832
HAMMES PARTNERS III, L.P.	\$5,283,948
HARBERT US RE FUND V, LP	\$5,832,228
HEITMAN AMERICA RE TRUST LP	\$75,091,217
HUDSON REALTY CAPITAL FUND IV	\$3,193,065
LANDMARK REP VI	\$937,619
LIQUID REALTY FUN IV	\$736,268
OAK STREET RE CAPITAL FUND V	\$12,589,909
OAK STREET REAL ESTATE IV	\$23,769,828
OCONNOR NTH AMER PROP PTNRS II	\$2,618,976
PCCP EQUITY VII	\$11,277,608
PRISA LP	\$84,239,525
STATE STREET BANK + TRUST CO	\$6,982,077

STERLING UNITED PROPERTIES II	\$16,254,081
STOCKBRIDGE VALUE FUND II	\$9,355,482
STOCKBRIDGE VALUE FUND III LP	\$23,296,098
STOLTZ REAL ESTATE FUND V	\$23,995,422
STOLTZ REAL ESTATE FUND VI, L.	\$18,844,003
THE REALTY ASSOCIATES FUND X	\$2,095,437
TRUAMERICA WORKFORCE HS FD I	\$14,910,000
UBS TRUMBULL PROPERTY FUND	\$70,072,586
US DOLLAR	\$4,519,633
VANGUARD REAL ESTATE ETF	\$85
VELOCIS FUND II LP	\$15,793,243
WALTON STREET RE DEBT FUND II	\$18,727,226
Total Holdings	\$1,117,935,411

Core Fixed Income Asset Class

Manager Holdings

Security Name	Market Value
Montana Board of Investments	\$2,085,545,255
Reams Asset Management	\$153,262,754
State Street Global Advisors (Cash)	\$407,945
Total Holdings	\$2,239,215,954

**Core Fixed Income Asset Class
Security Holdings**

Security Name	Market Value
ABBVIE INC	\$8,089,575
AFLAC INC	\$5,536,750
AID ISRAEL	\$5,847,800
AIR CANADA 2020 2A PTT	\$360,057
AIR LIQUIDE FINANCE	\$7,754,375
ALASKA AIRLINES 2020 TR	\$1,439,101
ALEXANDRIA REAL ESTATE E	\$318,053
ALIBABA GROUP HOLDING	\$6,716,580
ALLY FINANCIAL INC	\$1,560,808
ALTRIA GROUP INC	\$19,701,146
AMER AIRLN 15 1 A PTT	\$341,547
AMER AIRLN PT TRS 11 1	\$270,820
AMERICAN AIRLINES 2013 2	\$269,647
AMERICAN EXPRESS CREDIT ACCOUN	\$1,008,299
AMERICAN HONDA FINANCE	\$1,811,951
APPLE INC	\$5,691,800
AT+T INC	\$533,005
AVIS BUDGET RENTAL CAR FUNDING	\$5,290,386
BANK OF AMERICA CORP	\$16,371,986
BANK OF NY MELLON CORP	\$8,013,180
BARCLAYS PLC	\$8,603,642
BAT CAPITAL CORP	\$899,707
BENCHMARK MORTGAGE TRUST	\$11,404,517
BERKSHIRE HATHAWAY INC	\$5,588,150
BLACKROCK INC	\$3,390,420
BOEING CO	\$3,686,595
BOSTON PROPERTIES LP	\$10,412,540
BRITISH AIR 20 1 A PPT	\$444,162
BURLINGTN NO SF 01 2 TR	\$7,627
BURLINGTN NO SF 05 4 TR	\$162,325
BURLINGTN NORTH SANTA FE	\$2,596,175
CANTOR COMMERCIAL REAL ESTATE	\$8,912,598
CAPITAL ONE FINANCIAL CO	\$5,364,650
CAPITAL ONE MULTI ASSET EXECUT	\$465,904
CARMAX AUTO OWNER TRUST	\$7,825,696
CFCRE COMMERCIAL MORTGAGE TRUS	\$2,040,183
CHARTER COMM OPT LLC/CAP	\$499,221
CHEVRON CORP	\$484,005
CITIBANK CREDIT CARD ISSUANCE	\$2,114,423
CITIGROUP COMMERCIAL MORTGAGE	\$14,654,010
CITIGROUP INC	\$10,362,944
CNA FINANCIAL CORP	\$4,747,800
COMCAST CORP	\$13,183,330
COMM MORTGAGE TRUST	\$20,592,090
CON EDISON CO OF NY INC	\$120,178
CONSTELLATION BRANDS INC	\$7,793,240

CRED SUIS GP FUN LTD	\$5,045,050
CREDIT SUISSE GROUP AG	\$5,248,260
CVS HEALTH CORP	\$2,013,120
CVS PASS THROUGH TRUST	\$1,789,496
DAIMLER FINANCE NA LLC	\$1,292,416
DELL EQUIPMENT FINANCE TRUST	\$16,233,349
DELTA AIR LINES 2007 1 A	\$343,584
DELTA AIR LINES 2020 AA	\$2,345,610
DEUTSCHE BANK COMMERCIAL MORTG	\$704,178
DIAGEO CAPITAL PLC	\$8,608,980
DIAGEO INVESTMENT CORP	\$2,272,512
DISCOVER BANK	\$16,122,900
DISCOVER CARD EXECUTION NOTE T	\$1,624,621
DISCOVER FINANCIAL SVS	\$2,891,306
DOMINION ENERGY INC	\$822,580
DUKE ENERGY CORP	\$757,310
DUKE ENERGY FLORIDA LLC	\$446,868
ENTERPRISE FLEET FINANCING LLC	\$3,130,017
EQUITABLE FINANCIAL LIFE	\$513,200
EXELON GENERATION CO LLC	\$583,894
FANNIE MAE	\$45,613,087
FANNIEMAE ACES	\$1,002,051
FED HM LN PC POOL A95085	\$2,299,391
FED HM LN PC POOL C91782	\$7,901,706
FED HM LN PC POOL C91856	\$7,928,283
FED HM LN PC POOL C92036	\$3,638,038
FED HM LN PC POOL G08732	\$7,680,222
FED HM LN PC POOL G08733	\$3,502,812
FED HM LN PC POOL G08737	\$5,353,654
FED HM LN PC POOL G18590	\$2,319,327
FED HM LN PC POOL G60250	\$3,128,751
FED HM LN PC POOL J34696	\$4,245,801
FED HM LN PC POOL K91176	\$5,068,348
FED HM LN PC POOL K93542	\$5,831,025
FED HM LN PC POOL Q05201	\$715,029
FED HM LN PC POOL Q22726	\$1,062,380
FED HM LN PC POOL Q24133	\$5,228,982
FED HM LN PC POOL QA5292	\$14,044,157
FED HM LN PC POOL QB1976	\$15,329,656
FED HM LN PC POOL QK0093	\$21,565,984
FED HM LN PC POOL QN1099	\$14,602,104
FED HM LN PC POOL RB5011	\$15,046,236
FED HM LN PC POOL RD5034	\$943,841
FED HM LN PC POOL SB8011	\$7,676,653
FED HM LN PC POOL U89026	\$2,612,323
FED HM LN PC POOL U89049	\$2,309,273
FED HM LN PC POOL ZT1593	\$8,809,819
FEDERAL FARM CREDIT BANK	\$69,617,650
FEDERAL HOME LOAN BANK	\$29,827,370

FEDEX 2020 1 CLASS AA	\$999,620
FEDEX CORP	\$1,847,027
FIFTH THIRD BANCORP	\$598,213
FINANCE OF AMER STRUCTURED	\$12,737,611
FNMA POOL 387770	\$600,452
FNMA POOL 469739	\$5,969,243
FNMA POOL 890291	\$2,879,882
FNMA POOL 931841	\$2,695,286
FNMA POOL AA7666	\$799,558
FNMA POOL AB6415	\$4,158,590
FNMA POOL AB9919	\$1,064,070
FNMA POOL AE9949	\$1,660,997
FNMA POOL AE9966	\$1,581,473
FNMA POOL AH4409	\$3,374,359
FNMA POOL AJ2850	\$1,056,571
FNMA POOL AJ7546	\$1,466,316
FNMA POOL AJ8075	\$5,138,300
FNMA POOL AL2793	\$539,578
FNMA POOL AL5528	\$7,169,738
FNMA POOL AL9992	\$6,484,055
FNMA POOL AM1671	\$716,152
FNMA POOL AM1785	\$4,228,892
FNMA POOL AM1928	\$6,008,690
FNMA POOL AM3455	\$3,999,373
FNMA POOL AN5796	\$451,045
FNMA POOL AR9198	\$7,338,325
FNMA POOL AS7388	\$5,333,528
FNMA POOL AS8966	\$2,104,575
FNMA POOL AT6308	\$4,181,136
FNMA POOL AT8381	\$3,334,945
FNMA POOL AT9147	\$5,430,062
FNMA POOL AU9332	\$1,754,596
FNMA POOL AV1455	\$2,206,104
FNMA POOL AV2381	\$1,976,338
FNMA POOL AV5984	\$1,096,528
FNMA POOL AX2366	\$2,494,673
FNMA POOL AZ0995	\$4,595,120
FNMA POOL BH7058	\$5,350,451
FNMA POOL BH9215	\$6,303,015
FNMA POOL BJ7881	\$10,295,055
FNMA POOL BM4550	\$21,355,719
FNMA POOL BP6750	\$15,389,450
FNMA POOL CA1532	\$5,395,404
FNMA POOL CA8252	\$6,234,305
FNMA POOL MA0878	\$1,958,674
FNMA POOL MA1438	\$2,637,022
FNMA POOL MA2863	\$2,860,152
FNMA POOL MA3099	\$6,666,438
FNMA POOL MA3664	\$10,447,629

FNMA POOL MA3867	\$17,529,489
FNMA POOL MA3868	\$16,842,761
FNMA POOL MA4012	\$794,018
FNMA POOL MA4100	\$18,133,655
FNMA POOL MA4126	\$4,456,337
FNMA POOL MA4148	\$328,908
FNMA TBA 15 YR 1.5	\$4,526,368
FNMA TBA 15 YR 2	\$5,164,756
FNMA TBA 30 YR 2	\$3,380,620
FORD CREDIT AUTO OWNER TRUST/F	\$16,855,173
FORD MOTOR CREDIT CO LLC	\$7,845,173
FREDDIE MAC	\$18,143,489
FRESB MULTIFAMILY MORTGAGE PAS	\$47,059,398
GE CAPITAL INTL FUNDING	\$2,034,883
GENERAL ELECTRIC CO	\$307,034
GENERAL MILLS INC	\$5,096,150
GENERAL MOTORS FINL CO	\$3,326,413
GILEAD SCIENCES INC	\$8,016,160
GM FINANCIAL SECURITIZED TERM	\$2,100,953
GNMA II POOL MA6865	\$3,634,452
GNMA POOL 694406	\$487,094
GNMA POOL 706854	\$1,540,807
GNMA POOL AB2583	\$415,786
GNMA POOL AD0091	\$2,809,538
GOLDMAN SACHS GROUP INC	\$10,465,220
GOVERNMENT NATIONAL MORTGAGE A	\$43,445,804
GREAT AMERICA LEASING RECEIVAB	\$10,347,007
GS MORTGAGE SECURITIES TRUST	\$1,334,485
HCA INC	\$771,022
HERTZ VEHICLE FINANCING LLC	\$1,516,774
HESS CORP	\$1,278,494
HOUSING URBAN DEVELOPMNT	\$3,368,130
HPEFS EQUIPMENT TRUST	\$2,021,182
HSBC HOLDINGS PLC	\$9,469,320
HYUNDAI CAPITAL AMERICA	\$1,383,863
IMPAC CMB TRUST	\$98,924
INTEL CORP	\$4,314,080
IPALCO ENTERPRISES INC	\$857,690
JETBLUE AIRWAYS CORP	\$333,114
JP MORGAN CHASE COMMERCIAL MOR	\$4,664,570
JP MORGAN MORTGAGE TRUST	\$32,714,132
JPMORGAN CHASE + CO	\$12,452,809
KEYCORP	\$2,321,180
KINDER MORGAN INC	\$679,270
LIBERTY MUTUAL GROUP INC	\$5,289,750
LOCKHEED MARTIN CORP	\$4,357,240
LSTAR COMMERCIAL MORTGAGE TRUS	\$677,463
MARATHON PETROLEUM CORP	\$334,449
MASTERCARD INC	\$3,472,980

MET LIFE GLOB FUNDING I	\$5,225,500
MICROSOFT CORP	\$5,697,750
MITSUBISHI UFJ FIN GRP	\$513,417
MLCC MORTGAGE INVESTORS INC	\$415,430
MMAF EQUIPMENT FINANCE LLC	\$5,432,089
MORGAN STANLEY	\$8,872,410
MORGAN STANLEY BAML TRUST	\$705,581
MORGAN STANLEY CAPITAL I TRUST	\$5,925,432
MUFG BANK LTD	\$5,085,950
NET PAYABLE/RECEIVABLE	-\$12,155,449
REAMS ASSET MANAGEMENT - PP	-\$12,155,449
NEW RESIDENTIAL MORTGAGE LOAN	\$18,006,105
NEXTERA ENERGY CAPITAL	\$5,701,600
NORFOLK SOUTHERN CORP	\$4,744,641
NUTRIEN LTD	\$18,628,319
ONCOR ELECTRIC DELIVERY	\$174,630
ONEOK INC	\$236,907
ONSLOW BAY FINANCIAL LLC	\$12,947,746
PACIFIC GAS + ELECTRIC	\$1,277,882
PFIZER INC	\$2,334,540
PHILLIPS 66	\$4,955,402
PNC FINANCIAL SERVICES	\$21,904,000
PRINCIPAL FINANCIAL GRP	\$6,091,030
PROLOGIS LP	\$3,224,610
PRUDENTIAL FINANCIAL INC	\$2,361,020
RESIDENTIAL MORTGAGES LOANS	\$2,027,195
REYNOLDS AMERICAN INC	\$712,456
SEQUOIA MORTGAGE TRUST	\$4,079,875
SHELL INTERNATIONAL FIN	\$5,992,866
SIMON PROPERTY GROUP LP	\$6,597,240
SONOCO PRODUCTS CO	\$956,483
SOUTHERN CAL EDISON	\$781,192
SOUTHWEST AIRLINES CO	\$900,506
SP9U3JYD1 CDS USD P V 03MEVENT	-\$10,180,000
SP9U3JYD1 CDS USD R F 1.00000	\$10,429,084
STARBUCKS CORP	\$10,151,941
STATE STREET BANK + TRUST CO	\$46,124,550
SUMITOMO MITSUI TR BK LT	\$710,675
SUNCOR ENERGY INC	\$1,744,206
T MOBILE USA INC	\$768,955
TENN VALLEY AUTHORITY	\$5,137,300
TRANSCANADA PIPELINES	\$1,763,713
TREASURERS CASH	-\$34,555
TREASURY BILL	\$23,554,009
TSY INFL IX N/B	\$192,192,109
UBS GROUP AG	\$7,254,420
UNION PACIFIC CORP	\$8,035,281
UNITED AIR 2015 1 AA PTT	\$70,569
UNITED AIR 2016 2 AA PTT	\$42,111

UNITED AIR 2018 1 AA PTT	\$102,705
UNITED MEXICAN STATES	\$1,379,574
US AIRWAYS 2011 1A PTT	\$247,939
US AIRWAYS 2012 1A PTT	\$510,336
US DOLLAR	\$16,240
US TREASURY N/B	\$454,427,238
VALERO ENERGY CORP	\$21,169,416
VENTAS REALTY LP	\$19,590,151
VERIZON COMMUNICATIONS	\$8,096,380
VERIZON OWNER TRUST	\$5,120,565
VISA INC	\$22,588,530
VMWARE INC	\$315,015
VOLKSWAGEN AUTO LEASE TRUST	\$10,149,229
VOLKSWAGEN GROUP AMERICA	\$1,425,631
WALMART INC	\$3,294,270
WELLS FARGO + COMPANY	\$9,697,464
WELLS FARGO BANK NA	\$5,003,250
WELLS FARGO COMMERCIAL MORTGAG	\$236,869
WELLS FARGO MORTGAGE BACKED SE	\$10,449,191
WELLTOWER INC	\$7,915,530
WF RBS COMMERCIAL MORTGAGE TRU	\$5,498,927
WORLD OMNI AUTO RECEIVABLES TR	\$1,394,878
WRKCO INC	\$7,729,000
Total Holdings	\$2,239,215,954

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

Security Name	Market Value
NEUBERGER BERMAN	\$172,512,633
COHENSTEERS PRFRD SECURITIES	\$75,627,672
PAYDEN RYGEL EMD	\$70,888,620
OAKTREE CAPITAL MGMT	\$208,388,986
SHENKMAN CAPITAL MGMT	\$183,349,818
Total Holdings	\$710,767,729

Non-Core Fixed Income Asset Class

Security Holdings

Security Name	Market Value
1011778 BC / NEW RED FIN	\$2,032,432
1MDB GLOBAL INVESTMENTS	\$1,416,520
ABC SUPPLY CO INC	\$473,523
ABENGOA TRANSMISION SUR	\$259,959
ABU DHABI CRUDE OIL	\$472,853
ACADEMY LTD	\$582,700
ACADIA HEALTHCARE CO INC	\$2,708,696
ACCO BRANDS CORP	\$508,370
ACRISURE LLC / FIN INC	\$688,022
ADANI TRANSMISSION LTD	\$220,625
ADIENT US LLC	\$1,409,248
ADMI CORP	\$184,954
AECOM	\$896,833
AEGON FUNDING CO LLC	\$284,295
AERCAP GLOBAL AVIATION T	\$342,457
AERCAP IRELAND CAP/GLOBA	\$481,254
AES PANAMA GENERATION HL	\$378,588
AFFILIATED MANAGERS GROU	\$89,737
AFFINITY GAMING	\$491,503
AHP HEALTH PARTNERS	\$463,516
ALBERTSONS COS/SAFEWAY	\$3,836,233
ALCOA NEDERLAND HOLDING	\$256,994
ALGONQUIN PWR + UTILITY	\$394,800
ALLIANCE RES OP/FINANCE	\$333,395
ALLIANT HOLD / CO ISSUER	\$469,911
ALLIED UNIVERSAL	\$2,325,300
ALLISON TRANSMISSION INC	\$205,216
ALLY FINANCIAL INC	\$1,467,022
ALTICE FINANCING SA	\$737,401
ALTICE FRANCE HOLDING SA	\$1,604,282
ALTICE FRANCE SA	\$6,488,614
AMC NETWORKS INC	\$529,939
AMERICAN AIRLINES GROUP	\$261,001
AMERICAN AXLE + MFG INC	\$927,746
AMERICAN INTL GROUP	\$920,398
AMERIGAS PART/FIN CORP	\$183,743
AMKOR TECHNOLOGY INC	\$303,988
AMN HEALTHCARE INC	\$202,023
AMSTED INDUSTRIES	\$831,681
ANGI GROUP LLC	\$196,453
ANTERO MIDSTREAM PART/FI	\$2,295,717
ANTERO RESOURCES CORP	\$96,663
APACHE CORP	\$2,695,176
APX GROUP INC	\$1,674,988
ARAB REPUBLIC OF EGYPT	\$1,499,737
ARAMARK SERVICES INC	\$3,653,708

ARCELORMITTAL	\$370,044
ARCH CAPITAL GROUP LTD	\$194,700
ARCHES BUYER INC	\$409,571
ARCHROCK PARTNERS LP/FIN	\$1,691,565
ARCONIC CORP	\$590,613
ARD FINANCE SA	\$345,946
ARDAGH PKG FIN/HLDGS USA	\$2,118,423
ASBURY AUTOMOTIVE GROUP	\$742,423
ASCENT RESOURCES UTICA	\$276,356
ASCENT RESOURCES/ARU FIN	\$1,646,662
ASGN INCORPORATED	\$822,343
ASSURANT INC	\$498,710
ASSUREDPARTNERS INC	\$1,864,496
AT+T INC	\$197,863
ATHENAHEALTH INC	\$427,729
ATHENE HOLDING LTD	\$417,692
ATHENE HOLDING LTD DP	\$269,500
AUTOMATION TOOLING SYSTE	\$404,300
AVANTOR FUNDING INC	\$1,614,788
AVAYA INC	\$203,965
AVIENT CORP	\$604,913
AVIS BUDGET CAR/FINANCE	\$638,061
AXA SA	\$604,379
AXALTA COAT/DUTCH HLD BV	\$722,554
AXALTA COATING SYSTEMS	\$181,760
AXIS SPECIALTY FINANCE	\$260,678
BANCO DE CREDITO DEL PER	\$237,014
BANCO SANTANDER SA	\$221,448
BANFF MERGER SUB INC	\$765,614
BANGKOK BANK PCL/HK	\$209,006
BANK LEUMI LE ISRAEL	\$227,341
BANK OF AMERICA CORP	\$4,303,891
BANK OF CHINA HONG KONG	\$540,140
BANK OF NOVA SCOTIA	\$392,120
BANK OF NY MELLON CORP	\$460,648
BARCLAYS PLC	\$970,949
BASS PRO GROUP LLC	\$985,227
BAUSCH HEALTH AMERICAS	\$100,501
BAUSCH HEALTH COS INC	\$7,115,013
BAYTEX ENERGY CORP	\$410,085
BCP RAPTOR LLC	\$153,692
BEACON ROOFING SUPPLY IN	\$1,315,249
BERRY GLOBAL INC	\$1,326,180
BERRY PETROLEUM CO LLC	\$266,509
BIG RIVER STEEL/BRS FIN	\$632,186
BLOCK COMMUNICATIONS INC	\$238,960
BLUE CUBE SPINCO LLC	\$450,755
BLUE RACER MID LLC/FINAN	\$202,289
BNP PARIBAS	\$1,829,162

BNQ CEN TUNISIA INT BOND	\$754,956
BOMBARDIER INC	\$2,318,022
BONOS DE TESORERIA	\$583,010
BOXER PARENT CO INC	\$230,031
BOYD GAMING CORP	\$3,198,224
BOYNE USA INC	\$687,547
BP CAPITAL MARKETS PLC	\$1,525,340
BP9F1L0Q CDS USD P F 1.00000	-\$522,990
BP9F1L0Q CDS USD R V 03MEVENT	\$520,000
BP9U0Z4X CDS USD P F 1.00000	-\$302,777
BP9U0Z4X CDS USD R V 03MEVENT	\$300,000
BP9U2G83 CDS USD P F 1.00000	-\$600,914
BP9U2G83 CDS USD R V 03MEVENT	\$585,000
BRAZILIAN REAL	\$37,700
BRF SA	\$305,844
BRIGHTHOUSE FINANCIAL IN	\$409,184
BRINK S CO/THE	\$955,207
BROOKFIELD FINANCE INC	\$384,810
BROOKFIELD INFRASTRUCTUR	\$186,620
BROOKFIELD RENEWABLE PAR	\$13,340
BROOKFIELD RESID PROPERT	\$449,664
BUCKEYE PARTNERS LP	\$3,376,260
BWAY HLDG CO	\$216,972
BY CROWN PARENT/BY BOND	\$238,160
CABLE ONE INC	\$966,837
CABLEVISION LIGHTPATH	\$739,268
CAESARS ENTERTAIN INC	\$2,772,298
CAESARS RESORT / FINCO	\$720,652
CALLON PETROLEUM CO	\$93,428
CALPINE CORP	\$3,403,388
CALUMET SPECIALTY PROD	\$101,060
CAPITAL ONE FINANCIAL CO	\$274,560
CARDTRONICS INC / USA	\$528,110
CARNIVAL CORP	\$2,052,893
CARNIVAL CORPORATION	\$219,808
CARPENTER TECHNOLOGY	\$858,452
CARRIAGE SERVICES INC	\$1,004,230
CARS.COM INC	\$169,811
CASCADES INC/USA INC	\$1,553,840
CATALENT PHARMA SOLUTION	\$354,692
CCO HLDGS LLC/CAP CORP	\$5,484,758
CD+R SMOKEY BUYER INC	\$952,727
CDK GLOBAL INC	\$962,731
CDW LLC/CDW FINANCE	\$435,257
CEDAR FAIR LP	\$355,102
CEDAR FAIR LP/CANADA S W	\$537,980
CEDAR FAIR/CAN/MAGNUM/MI	\$2,007,817
CENTENE CORP	\$3,122,951
CENTRAL GARDEN + PET CO	\$721,672

CF INDUSTRIES INC	\$251,867
CHAMPIONX CORP	\$452,435
CHANGE HEALTH / FIN INC	\$2,536,657
CHARLES SCHWAB CORP	\$1,495,818
CHENIERE CORP CHRISTI HD	\$665,592
CHENIERE ENERGY INC	\$1,522,206
CHENIERE ENERGY PARTNERS	\$1,875,485
CHS INC	\$260,216
CHS/COMMUNITY HEALTH SYS	\$1,225,011
CHURCHILL DOWNS INC	\$1,577,593
CIT GROUP INC	\$692,460
CITGO HOLDING INC	\$182,501
CITGO PETROLEUM CORP	\$515,702
CITIGROUP GLOBAL MARKETS	\$734,346
CITIGROUP INC	\$2,591,556
CITIZENS FINANCIAL GROUP	\$392,000
CLARIOS GLOBAL LP	\$130,378
CLARIOS GLOBAL LP/US FIN	\$496,436
CLEAN HARBORS INC	\$169,486
CLEARWAY ENERGY OP LLC	\$523,199
CLEVELAND CLIFFS INC	\$1,694,386
CMS ENERGY CORP	\$163,478
CNO FINANCIAL GROUP INC	\$147,112
CNX MIDSTREAM PTR/CNX	\$112,600
CNX RESOURCES CORP	\$951,698
COGENT COMMUNICATIONS GR	\$411,292
COLFAX CORP	\$679,759
COMERICA INC	\$377,400
COMETA ENERGIA SA	\$450,435
COMMSCOPE INC	\$2,391,441
COMMSCOPE TECH LLC	\$1,722,292
COMPASS GROUP DIVERSIFIE	\$846,534
COMSTOCK RESOURCES INC	\$1,183,329
CONNECT FINCO SARL/CONNE	\$1,384,606
CONSOLIDATED COMMUNICATI	\$771,171
CONSTELLATION MERGER SUB	\$107,188
CONSTELLIUM SE	\$634,368
CONTINENTAL RESOURCES	\$1,552,722
CORE + MAIN LP	\$133,927
CORNERSTONE BUILDING	\$1,076,208
CORNERSTONE BUILDING BRANDS	\$248,106
COSTA RICA GOVERNMENT	\$220,663
COVANTA HOLDING CORP	\$2,240,581
CP ATLAS BUYER INC	\$240,240
CREDIT AGRICOLE SA	\$1,745,754
CREDIT SUISSE GROUP AG	\$3,803,051
CRESTWOOD MID PARTNER LP	\$163,371
CRESTWOOD MIDSTREAM PART	\$136,469
CROWN AMER/CAP CORP VI	\$700,407

CROWNROCK LP/CROWNROCK F	\$1,144,541
CSC HOLDINGS LLC	\$7,126,019
CUSHMAN + WAKEFIELD US	\$705,466
CVR ENERGY INC	\$606,176
CZECH REPUBLIC	\$226,326
DAE FUNDING LLC	\$226,589
DAI ICHI LIFE INSURANCE	\$441,788
DANA FINANCING LUX SARL	\$816,583
DANA INC	\$777,266
DAVIDS BRIDAL INC	\$0
DAVITA INC	\$2,429,358
DBI INVESTORS INC	\$55,579
DBIINVESTORSINC RIGHTS PVT	\$40,254
DCP MIDSTREAM OPERATING	\$1,462,053
DEALER TIRE LLC/DT ISSR	\$236,799
DELL INT LLC / EMC CORP	\$3,778,313
DELTA AIR LINES INC	\$1,660,166
DELTA AIR LINES/SKYMILES	\$1,512,337
DIAMOND SPORTS GR/DIAMON	\$557,444
DIEBOLD NIXDORF INC	\$546,120
DISCOVER FINANCIAL SVS	\$191,821
DISH DBS CORP	\$2,527,800
DISH NETWORK CORP	\$1,621,919
DIVERSIFIED HEALTHCARE T	\$775,950
DOMINICAN REPUBLIC	\$1,924,438
DOUBLE EAGLE III MIDCO	\$817,965
DP WORLD PLC	\$329,875
DRESDNER FNDG TRUST I	\$445,500
DTE ENERGY CO	\$122,130
DUKE ENERGY CORP	\$464,473
ECOPETROL SA	\$225,575
EDGEWELL PERSONAL CARE	\$515,462
ELANCO ANIMAL HEALTH INC	\$456,084
ELDORADO GOLD CORP	\$466,295
ELEMENT SOLUTIONS INC	\$216,065
EMERA INC	\$1,357,490
EMPIRE COMMUNITIES CORP	\$568,723
EMPRESAS PUBLIC MEDELLIN	\$282,006
ENBRIDGE INC	\$1,580,991
ENCOMPASS HEALTH CORP	\$1,922,517
ENDEAVOR ENERGY RESOURCE	\$177,417
ENEL SPA	\$584,400
ENERGIZER HOLDINGS INC	\$2,146,423
ENERSYS	\$332,905
ENLINK MIDSTREAM LLC	\$408,144
ENLINK MIDSTREAM PARTNER	\$458,725
ENSTAR FINANCE LLC	\$376,182
ENSTAR GROUP LTD	\$282,400
ENTEGRIS INC	\$347,942

ENVISION HEALTHCARE CORP	\$181,192
EPR PROPERTIES	\$588,307
EQM MIDSTREAM PARTNERS L	\$2,016,504
EQT CORP	\$909,646
EQUITABLE HOLDINGS INC	\$569,740
ESH HOSPITALITY INC	\$3,092,303
ESKOM HOLDINGS SOC LTD	\$631,072
EW SCRIPPS CO	\$280,618
EXPEDIA GROUP INC	\$794,005
FARM CREDIT BK OF TEXAS	\$813,750
FED REPUBLIC OF BRAZIL	\$374,353
FEL ENERGY VI SARL	\$211,514
FIRST QUANTUM MINERALS L	\$523,372
FIRSTCASH INC	\$175,420
FIRSTENERGY CORP	\$1,207,536
FIRSTENERGY TRANSMISSION	\$350,193
FLEX ACQUISITION CO INC	\$776,077
FMG RESOURCES AUG 2006	\$617,196
FONDO MIVIVIENDA SA	\$256,494
FORD MOTOR COMPANY	\$3,872,940
FORD MOTOR CREDIT CO LLC	\$8,135,193
FORTERRA FIN LLC	\$687
FORTERRA FIN LLC/FRTA FI	\$543,502
FREEMPORT MCMORAN INC	\$3,111,313
FRONTDOOR INC	\$721,779
FRONTIER COMMUNICATIONS	\$3,706,583
FUKOKU MUTUAL LIFE INSUR	\$224,618
FULTON FINANCIAL CORP	\$760,952
GAINWELL ACQUISITION CORP.	\$499,165
GALAXY PIPELINE ASSETS	\$342,418
GARDA WORLD SECURITY	\$1,037,074
GARDA WORLD SECURITY COR	\$416,314
GCI LLC	\$275,480
GENERAL ELECTRIC CO	\$213,912
GENERAL MOTORS FINL CO	\$155,882
GENESIS ENERGY LP/FIN	\$1,719,014
GEOPARK LTD	\$311,016
GEORGIAN OIL + GAS CORP	\$201,260
GEORGIAN RAILWAY JSC	\$401,329
GFL ENVIRONMENTAL INC	\$1,460,031
GLOBAL AIR LEASE CO LTD	\$651,941
GLOBAL MEDICAL RESPONSE	\$461,396
GLOBAL NET LEASE/GLOBAL	\$712,085
GLOBAL PART/GLP FINANCE	\$307,265
GMAC CAPITAL TRUST I	\$792,754
GO DADDY OPCO/FINCO	\$447,614
GOEASY LTD	\$776,484
GOLDEN NUGGET INC	\$679,178
GOLDMAN SACHS GROUP INC	\$454,736

GOODYEAR TIRE + RUBBER	\$2,241,000
GOVT OF BERMUDA	\$216,100
GRAFTECH FINANCE INC	\$1,154,117
GRAHAM PACKAGING/GPC CAP	\$896,533
GRANITE GENERATION LLC	\$191,404
GRANITE HOLDINGS US ACQ CO	\$231,482
GRANITE MERGER SUB 2 INC	\$44,720
GRAY TELEVISION INC	\$301,051
GREYSTAR REAL ESTATE PAR	\$909,000
GRINDING MED/MOLY COP	\$1,367,778
GRUPO BIMBO SAB DE CV	\$215,046
GTCR AP FINANCE INC	\$835,512
H.B. FULLER CO	\$313,232
HANESBRANDS INC	\$536,138
HARSCO CORP	\$534,618
HARVEST MIDSTREAM I LP	\$399,495
HAT HOLDINGS I LLC/HAT	\$741,266
HCA INC	\$4,103,558
HERC HOLDINGS INC	\$1,073,672
HESS MIDSTREAM OPERATION	\$652,018
HEXION INC	\$423,369
HILCORP ENERGY I/HILCORP	\$600,645
HILL ROM HOLDINGS INC	\$430,891
HILLENBRAND INC	\$217,198
HILTON DOMESTIC OPERATIN	\$54,591
HILTON WORLDWIDE FIN LLC	\$401,728
HOLOGIC INC	\$180,603
HONDURAS GOVERNMENT	\$291,447
HOST HOTELS + RESORTS LP	\$377,393
HOWMET AEROSPACE INC	\$763,126
HSBC BANK PLC	\$1,617,531
HSBC CAPITAL FUNDING USD	\$579,836
HSBC HOLDINGS PLC	\$1,084,488
HUB INTERNATIONAL LTD	\$1,828,405
HUDBAY MINERALS INC	\$686,940
HUGHES SATELLITE SYSTEMS	\$3,085,537
HUNGARY GOVERNMENT BOND	\$1,025,373
HUNT COS INC	\$1,054,339
HUNTINGTON BANCSHARES	\$963,545
HUTAMA KARYA PERSERO PT	\$285,261
HYATT HOTELS CORP	\$345,413
IAA INC	\$943,400
IHEARTCOMMUNICATIONS INC	\$1,372,329
IHO VERWALTUNGS GMBH	\$497,382
ILLUMINATE BUYER/HLDG	\$1,060,810
INDIGO NATURAL RES LLC	\$268,550
INDONESIA ASAHAN ALUMINI	\$618,783
ING GROEP NV	\$1,289,348
INGLES MARKETS INC	\$507,316

INTELLIGENT PACKAGING	\$699,183
INTELSAT JACKSON HLDG	\$1,453,329
INTELSAT JACKSON HLDGS S A	\$153,450
INTELSAT JACKSON HOLDINGS SA	\$157,868
INTERFACE INC	\$500,498
INTERNATIONAL GAME TECH	\$1,351,210
INTESA SANPAOLO SPA	\$339,963
IQVIA INC	\$1,331,362
IRON MOUNTAIN INC	\$6,838,497
ITAU UNIBANCO HLDG SA/KY	\$274,304
ITRON INC	\$265,632
IVANTI SOFTWARE, INC.	\$607,902
IVORY COAST	\$395,208
J2 GLOBAL	\$1,894,742
JAGUAR HL / PPD I	\$1,528,464
JAGUAR LAND ROVER AUTOMO	\$1,135,542
JBS USA/FOOD/FINANCE	\$648,569
JELD WEN INC	\$572,418
JOSEPH T RYERSON + SON I	\$336,679
JP MORGAN CHASE BANK NA	\$3,081,174
JPMORGAN CHASE + CO	\$2,998,696
KAR AUCTION SERVICES INC	\$3,171,616
KAZMUNAYGAS NATIONAL CO	\$741,549
KBR INC	\$353,943
KENNEDY WILSON INC	\$2,126,697
KFC HLD/PIZZA HUT/TACO	\$51,935
KINGDOM OF BAHRAIN	\$229,800
KINGDOM OF MOROCCO	\$461,443
KLABIN AUSTRIA GMBH	\$255,846
KRAFT HEINZ FOODS CO	\$6,573,582
KRATON POLYMERS LLC/CAP	\$867,230
KRONOS ACQ / KIK CUSTOM	\$320,955
L BRANDS INC	\$3,530,755
LABL ESCROW ISSUER LLC	\$447,352
LADDER CAP FIN LLLP/CORP	\$49,995
LAMAR MEDIA CORP	\$92,925
LAMB WESTON HLD	\$213,229
LAREDO PETROLEUM INC	\$557,402
LCPR SR SECURED FIN DAC	\$414,745
LD HOLDINGS GROUP LLC	\$798,030
LEGACY LIFEPOINT HEALTH	\$1,755,751
LETRA TESOURO NACIONAL	\$148,371
LEVEL 3 FINANCING INC	\$2,188,557
LEVIATHAN BOND LTD	\$216,087
LIFEPOINT HEALTH INC	\$324,100
LIONS GATE CAPITAL HOLD	\$942,487
LITHIA MOTORS INC	\$713,173
LIVE NATION ENTERTAINMEN	\$3,734,590
LLOYDS BANKING GROUP PLC	\$455,570

LOGMEIN INC	\$308,903
LOWER CADENCE HOLDINGS LLC	\$499,932
LPL HOLDINGS INC	\$423,883
LUMEN TECHNOLOGIES INC	\$3,449,049
M/I HOMES INC	\$257,471
M+T BANK CORPORATION	\$381,283
MAGNOLIA OIL GAS/MAG FIN	\$269,542
MALAYSIA GOVERNMENT	\$1,065,636
MANITOWOC FOODSERVICE INC	\$255,150
MARKEL CORP	\$187,831
MARRIOTT INTERNATIONAL	\$593,877
MARRIOTT OWNERSHIP RESOR	\$465,094
MARRIOTT OWNERSHIP/ILG	\$1,698,141
MASONITE INTERNATIONAL C	\$771,423
MASTEC INC	\$456,124
MATADOR RESOURCES CO	\$641,658
MATCH GROUP HLD II LLC	\$622,334
MATTAMY GROUP CORP	\$640,944
MAUSER PACKAGING SOLUT	\$2,370,734
MEDNAX INC	\$1,278,647
MEG ENERGY CORP	\$979,184
MEIJI YASUDA LIFE INSURA	\$230,538
MERCER INTL INC	\$1,374,732
MEREDITH CORP	\$1,562,089
MERITOR INC	\$165,171
METHANEX CORP	\$402,557
METLIFE CAPITAL TRUST IV	\$705,000
METLIFE INC	\$1,787,841
MEX BONOS DESARR FIX RT	\$2,659,831
MEXICO CITY ARPT TRUST	\$416,604
MGIC INVESTMENT CORP	\$433,111
MGM GROWTH/MGM FINANCE	\$390,548
MGM RESORTS INTL	\$2,118,175
MHP LUX SA	\$204,998
MICHAELS STORES INC	\$505,579
MICROCHIP TECHNOLOGY INC	\$724,059
MILEAGE PLUS HLDINGS LLC	\$1,322,608
MINEJESA CAPITAL BV	\$439,872
MINERAL RESOURCES LTD	\$680,135
MINISTRY OF FINANCE OF T	\$214,175
MITSUI SUMITOMO INSURANC	\$238,746
MOLINA HEALTHCARE INC	\$1,249,965
MONGOLIA INTL BOND	\$974,548
MONMOUTH REIT	\$527,100
MORGAN STANLEY	\$812,696
MOSS CREEK RESOURCES HLD	\$741,130
MOTION BONDCO DAC	\$293,985
MPH ACQUISITION HOLDINGS	\$1,656,873
MPT OPER PARTNERSP/FINL	\$1,259,569

MSCI INC	\$445,540
MUELLER WATER PRODUCTS	\$383,072
MURPHY OIL CORP	\$736,608
MV24 CAPITAL BV	\$254,433
NATIONSTAR MTG HLD INC	\$556,750
NATWEST GROUP PLC	\$686,194
NAVIENT CORP	\$1,869,110
NAVISTAR INTL CORP	\$759,390
NBM US HOLDINGS INC	\$280,841
NCL CORPORATION LTD	\$1,194,912
NCR CORP	\$2,324,619
NETFLIX INC	\$850,897
NEW ENTERPRISE STONE + L	\$257,605
NEW GOLD INC	\$514,978
NEW RESIDENTIAL INV CORP	\$614,203
NEWELL BRANDS INC	\$258,251
NEWMARK GROUP INC	\$505,822
NEXSTAR BROADCASTING INC	\$1,633,348
NEXTERA ENERGY CAPITAL	\$305,170
NFP CORP	\$1,315,677
NGL ENRGY PART LP/FIN CO	\$35,406
NGPL PIPECO LLC	\$192,898
NIELSEN CO LUX SARL/THE	\$351,781
NIELSEN FINANCE LLC/CO	\$2,543,841
NIPPON LIFE INSURANCE	\$657,892
NORDEA BANK ABP	\$229,600
NORTHERN OIL AND GAS INC	\$256,177
NOTA DO TESOURO NACIONAL	\$1,146,196
NOURYON HOLDING BV	\$394,442
NOVA CHEMICALS CORP	\$1,639,325
NOVELIS CORP	\$1,638,270
NRG ENERGY INC	\$2,264,409
NUFARM AUSTRALIA/AMERICA	\$1,037,775
NUSTAR LOGISTICS LP	\$1,165,462
OASIS PETROLEUM INC	\$354,257
OCCIDENTAL PETROLEUM COR	\$10,406,709
OCEANEERING INTL INC	\$201,258
OCI NV	\$845,762
OLIN CORP	\$2,303,767
OMAN GOV INTERNTL BOND	\$865,771
ONEMAIN FINANCE CORP	\$3,649,200
OPEN TEXT CORP	\$192,555
OPEN TEXT HOLDINGS INC	\$275,377
ORTHO CLINICAL INC/SA	\$2,541,893
OUTFRONT MEDIA CAP LLC/C	\$1,249,817
OVINTIV INC	\$787,159
PAR PHARMACEUTICAL INC	\$988,063
PARK INTERMED HOLDINGS	\$863,277
PARKLAND CORP	\$628,136

PARSLEY ENERGY LLC/FINAN	\$82,118
PARTNERRE FINANCE B LLC	\$264,800
PDC ENERGY INC	\$1,448,512
PENSKE AUTOMOTIVE GROUP	\$1,367,113
PERFORMANCE FOOD GROUP I	\$1,995,329
PERUSAHAAN LISTRIK NEGAR	\$263,378
PETROBRAS GLOBAL FINANCE	\$772,929
PETROLEOS MEXICANOS	\$1,633,348
PETRONAS CAPITAL LTD	\$259,250
PG+E CORP	\$1,199,617
PICASSO FINANCE SUB INC	\$526,460
PIKE CORP	\$1,069,089
PILGRIM S PRIDE CORP	\$425,856
POLAND GOVERNMENT BOND	\$109,625
POST HOLDINGS INC	\$1,334,413
POWERTEAM SERVICES LLC	\$1,045,731
PQ CORP	\$522,985
PRECISION DRILLING CORP	\$733,491
PRESIDIO HOLDING INC	\$1,096,978
PRESTIGE BRANDS INC	\$959,324
PRIME SECSRVC BRW/FINANC	\$4,651,495
PRIMO WATER HOLDINGS INC	\$671,632
PROSUS NV	\$511,592
PROVINCIA DE BUENOS AIRE	\$64,613
PRUDENTIAL FINANCIAL INC	\$1,372,741
PULTE GROUP INC	\$301,574
PULTEGROUP INC	\$177,020
QBE INSURANCE GROUP LTD	\$659,912
QEP RESOURCES INC	\$974,831
QUEBECOR MEDIA INC	\$944,388
QUICKEN LOANS INC	\$657,017
QUICKEN LOANS LLC/QUICKN	\$1,041,923
QVC INC	\$2,612,480
RACKSPACE TECHNOLOGY	\$879,833
RADIATE HOLDCO / FINANCE	\$1,691,177
RANGE RESOURCES CORP	\$855,639
RATTLER MIDSTREAM LP	\$221,819
RBS GLOBAL + REXNORD LLC	\$444,496
REALOGY GROUP/CO ISSUER	\$2,758,428
REDSTONE BUYER LLC	\$210,590
REFINITIV US HOLDINGS	\$2,604,296
REGIONALCARE/LIFEPOINT	\$417,939
REGIONS FINANCIAL CORP	\$764,647
RENEW POWER PVT LTD	\$494,202
REPUBLIC OF ANGOLA	\$1,196,473
REPUBLIC OF ARGENTINA	\$803,544
REPUBLIC OF ARMENIA	\$662,908
REPUBLIC OF BELARUS	\$270,245
REPUBLIC OF COLOMBIA	\$1,541,733

REPUBLIC OF ECUADOR	\$635,702
REPUBLIC OF EL SALVADOR	\$526,534
REPUBLIC OF GABON	\$209,178
REPUBLIC OF GHANA	\$1,915,307
REPUBLIC OF GUATEMALA	\$337,271
REPUBLIC OF INDONESIA	\$969,946
REPUBLIC OF KAZAKHSTAN	\$323,306
REPUBLIC OF KENYA	\$550,720
REPUBLIC OF NIGERIA	\$1,376,476
REPUBLIC OF PANAMA	\$1,397,116
REPUBLIC OF PARAGUAY	\$697,376
REPUBLIC OF PERU	\$887,180
REPUBLIC OF PHILIPPINES	\$370,771
REPUBLIC OF SENEGAL	\$445,198
REPUBLIC OF SOUTH AFRICA	\$2,777,642
REPUBLIC OF SRI LANKA	\$966,768
REPUBLIC OF TURKEY	\$715,223
REPUBLIC OF UZBEKISTAN	\$263,225
REPUBLICA ORIENT URUGUAY	\$1,993,216
RESIDEO FUNDING INC	\$427,137
REYNOLDS GRP ISS/REYNOLD	\$1,289,757
RHP HOTEL PPTY/RHP FINAN	\$1,519,135
RITCHIE BROS AUCTIONEERS	\$246,862
RITE AID CORP	\$416,965
ROLLS ROYCE PLC	\$542,582
ROMANIA	\$986,447
ROMANIA GOVERNMENT BOND	\$493,260
ROYAL CARIBBEAN CRUISES	\$1,374,685
RP ESCROW ISSUER LLC	\$281,057
RUSSIA GOVT BOND OFZ	\$2,841,423
RUSSIAN FEDERATION	\$807,734
SABRA HEALTH CARE LP	\$454,063
SABRE GLBL INC	\$702,379
SANCHEZ ENERGY CORP	\$750
SAUDI ARABIAN OIL CO	\$670,950
SBA COMMUNICATIONS CORP	\$376,290
SCE TRUST V	\$204,800
SCENTRE GROUP TRUST 2	\$975,527
SCIENCE APPLICATIONS INT	\$127,637
SCIENTIFIC GAMES INTERNA	\$2,282,516
SCOTTS MIRACLE GRO CO	\$112,988
SCRIPPS ESCROW II INC	\$1,141,197
SEAGATE HDD CAYMAN	\$669,895
SEALED AIR CORP	\$162,043
SEAWORLD PARKS + ENTERTA	\$423,665
SEG HLD LLC/SEG FIN CORP	\$110,883
SELECT MEDICAL CORP	\$306,506
SELECTIVE INSURANCE GROU	\$196,384
SEMPRA ENERGY	\$768,166

SENSATA TECH INC	\$87,522
SENSATA TECH UK FIN CO	\$415,604
SENSATA TECHNOLOGIES INC	\$245,513
SERVICE PROPERTIES TRUST	\$947,683
SHEA HOMES LP/FNDG CP	\$1,367,527
SHRIRAM TRANSPORT FIN	\$312,113
SIGNATURE AVIATION US	\$623,779
SIGNATURE BANK NEW YORK	\$410,400
SINCLAIR TELEVISION GROU	\$414,210
SIRIUS XM RADIO INC	\$2,628,634
SIX FLAGS ENTERTAINMENT	\$1,174,483
SIX FLAGS THEME PARKS	\$1,051,326
SLFH0K1N IRS CNY P V 03MCNRR	-\$1,865,500
SLFH0K1N IRS CNY R F 2.77750	\$1,876,264
SM ENERGY CO	\$1,451,120
SOCIETE GENERALE	\$1,960,144
SOLENIS INTL L P	\$272,500
SOLERA LLC / SOLERA FINA	\$1,940,564
SOMPO JAPAN INSURANCE	\$216,258
SOUTH JERSEY INDUSTRIES	\$201,059
SOUTHERN CO	\$953,705
SOUTHWESTERN ENERGY CO	\$685,461
SPECTRUM BRANDS INC	\$2,182,650
SPIRIT AEROSYSTEMS INC	\$706,428
SPRINT CAPITAL CORP	\$2,774,097
SPRINT COMMUNICATIONS	\$242,305
SPRINT CORP	\$2,597,376
SRS DISTRIBUTION INC	\$633,250
SS+C TECHNOLOGIES INC	\$1,569,813
SSL ROBOTICS LLC	\$442,022
STANDARD CHARTERED PLC	\$849,812
STANDARD INDUSTRIES INC	\$871,373
STAPLES INC	\$698,991
STARS GRP HLDS/STARS GRP	\$2,297,720
STARWOOD PROPERTY TRUST	\$194,936
STATE OF QATAR	\$908,487
STATE STREET BANK + TRUST CO	\$8,340,871
STATION CASINOS LLC	\$1,087,258
STERICYCLE INC	\$618,947
STEVENS HOLDING CO INC	\$513,793
SUBURBAN PROPANE PARTNRS	\$1,313,709
SUMITOMO LIFE INSUR	\$225,212
SUMMIT MATERIALS LLC/FIN	\$1,397,128
SUMMIT MID HLDS LLC / FI	\$182,657
SUNCOKE ENGY PART FIN CO	\$565,337
SUNOCO LP/FINANCE CORP	\$141,756
SUNSHINE LUXEMBOURG VII SARL	\$267,629
SURGERY CENTER HOLDINGS	\$417,078
SVENSKA HANDELSBANKEN AB	\$634,956

SWISS RE FINANCE LUX	\$466,304
SWITCH LTD	\$269,736
SYNCHRONY FINANCIAL	\$587,400
SYNEOS HEALTH INC	\$324,791
T MOBILE USA INC	\$258,149
TALEN ENERGY SUPPLY LLC	\$1,515,042
TALLGRASS NRG PRTNR/FIN	\$2,707,948
TARGA RESOURCES PARTNERS	\$2,219,150
TAYLOR MORR COMM/HLDGS	\$58,023
TAYLOR MORRISON COMM	\$1,236,976
TEAM HEALTH HOLDINGS INC	\$374,039
TEGNA INC	\$1,310,799
TELECOM ITALIA CAPITAL	\$1,085,941
TELEFLEX INC	\$489,747
TELESAT CANADA/TELESAT L	\$936,289
TELFON CELUAR DEL PARAGU	\$213,098
TEMPO ACQUISITION LLC/FI	\$2,149,639
TENET HEALTHCARE CORP	\$7,439,508
TENNANT CO	\$988,855
TENNECO INC	\$252,630
TEREX CORP	\$458,448
TERRAFORM POWER OPERATIN	\$140,380
TESLA INC	\$451,338
TEVA PHARMACEUTICALS NE	\$529,295
THAILAND GOVERNMENT BOND	\$831,531
TITULOS DE TESORERIA	\$1,127,279
TMS INTL HOLDING CORP	\$203,000
TPC GROUP INC	\$706,760
TRANSCANADA TRUST	\$2,145,904
TRANSDIGM INC	\$7,369,651
TRANSDIGM UK HOLDINGS	\$508,272
TRANSNET SOC LTD	\$202,094
TRANSOCEAN POSEIDON LTD	\$1,218,529
TRAVEL + LEISURE CO	\$567,075
TREEHOUSE FOODS INC	\$941,720
TRI POINTE GROUP / HOMES	\$103,499
TRI POINTE HOMES INC	\$297,803
TRIDENT TPI HOLDINGS INC	\$476,070
TRIMAS CORP	\$681,625
TRINSEO OP / TRINSEO FIN	\$677,292
TRIPADVISOR INC	\$518,077
TRIUMPH GROUP INC	\$728,651
TRIVIUM PACKAGING FIN	\$674,085
TRONOX INC	\$935,604
TRUIST FIN CORP	\$537,614
TRUIST FINANCIAL CORP	\$1,733,262
TURKEY GOVERNMENT BOND	\$164,482
TWITTER INC	\$629,255
UBER TECHNOLOGIES INC	\$1,224,161

UBS GROUP AG	\$1,781,704
UKRAINE GOVERNMENT	\$2,626,969
UNICREDIT SPA	\$216,282
UNITED AIRLINES HOLDINGS	\$864,584
UNITED MEXICAN STATES	\$230,830
UNITED RENTALS NORTH AM	\$236,008
UNITED STATES CELLULAR C	\$531,000
UNITED WHOLESALE MTGE LL	\$514,281
UNITI GROUP/CSL CAPITAL	\$1,600,302
UNITI GRP/UNITI HLD/CSL	\$1,650,630
UNIVAR SOLUTIONS USA INC	\$629,016
UNIVISION COMMUNICATIONS	\$778,450
US BANCORP	\$382,361
US CELLULAR CORP	\$433,612
US FOODS INC	\$1,841,808
USA COM PART/USA COM FIN	\$1,406,658
VAIL RESORTS INC	\$428,836
VERISIGN INC	\$260,693
VERMILION ENERGY INC	\$177,001
VERSCEND ESCROW CORP	\$944,594
VERSCEND HLDG CORP	\$143,543
VERTICAL HOLDCO GMBH	\$218,258
VERTICAL US NEWCO INC	\$957,599
VIASAT INC	\$2,334,574
VICI PROPERTIES / NOTE	\$557,712
VIKING CRUISES LTD	\$73,852
VIRGIN MEDIA FINANCE PLC	\$1,685,573
VIRGIN MEDIA SECURED FIN	\$352,593
VIRGIN MEDIA VEND FIN IV	\$945,062
VISTRA CORP	\$640,740
VIZIENT INC	\$251,036
VOC ESCROW LTD	\$279,327
VODAFONE GROUP PLC	\$621,785
VOYA FINANCIAL INC	\$295,784
VTR FINANCE BV	\$218,344
WATCO COS LLC/FINANCE CO	\$2,175,565
WEEKLEY HOMES LLC/ FINAN	\$439,324
WELLS FARGO + COMPANY	\$4,319,934
WESCO DISTRIBUTION INC	\$435,898
WEST STREET MERGER SUB	\$1,816,715
WESTERN DIGITAL CORP	\$731,617
WESTERN GLOBAL AIRLINES	\$699,524
WESTERN MIDSTREAM OPERAT	\$2,337,076
WEX INC	\$116,145
WHITE CAP BUYER LLC	\$181,334
WILLIAM CARTER	\$535,288
WILLIAMS SCOTSMAN INTL	\$610,998
WINDSTREAM ESCROW LLC	\$521,872
WINNEBAGO INDUSTRIES	\$225,884

WMG ACQUISITION CORP	\$264,813
WOLVERINE ESCROW LLC	\$113,563
WOLVERINE WORLD WIDE	\$250,855
WPX ENERGY INC	\$999,871
WR GRACE + CO CONN	\$262,640
WYNDHAM HOTELS + RESORTS	\$1,344,608
WYNN LAS VEGAS LLC/CORP	\$1,269,461
XEROX HOLDINGS CORP	\$1,540,176
XPO CNW INC	\$59,348
XPO LOGISTICS INC	\$2,196,027
YUM BRANDS INC	\$316,782
ZAYO GROUP HOLDINGS INC	\$789,499
ZIGGO BOND CO BV	\$763,020
ZIGGO BV	\$388,381
Total Holdings	\$710,767,729

**Cash Asset Class
Manager Holdings**

Manager Name	Market Value
MONTANA BOARD OF INVESTMENTS	\$161,035,579
STATE STREET GLOBAL ADVISORS (CASH)	\$1,000,000
Total Holdings	\$162,035,579

**Cash Asset Class
Security Holdings**

Security Name	Market Value
SHORT TERM INVESTMENT POOL	\$161,035,579
STATE STREET BANK + TRUST CO	\$1,000,000
Total Holdings	\$162,035,579

**Short Term Investment Pool
Manager Holdings**

Manager Name	Cost
Montana Board of Investments	\$5,326,965,168
Blackrock	\$5,000,000
Fidelity	\$5,000,000
State Street Global Advisors (Cash)	\$190,000,064
Total Holdings	\$5,526,965,232

**Short Term Investment Pool
Security Holdings**

Security Name	Market Value
ALINGHI FDG CO	\$129,967,244
ANGLESEA FDG PLC and ANG	\$137,986,197
APPLE INC	\$79,991,000
ARCHER DANIELS MIDLA	\$39,997,333
AUST & NEW ZEA	\$55,955,806
BANK OF MONTREAL-	\$40,000,000
BANK OF NOVA SCOTIA/THE	\$49,993,056
BARCLAYS BK PLC	\$139,954,133
BLACKROCK FEDFUND	\$5,000,000
BRITANNIA FDG CO	\$129,969,883
BUNGE ASSET FDG. COR	\$124,975,472
CEDAR SPRING CPTL CO	\$114,958,186
CHESHAM FNC/ CHESH LLC	\$134,985,688
CMMNWLTH BNK OF AUS	\$139,966,547
CMWTH BK OF AUS NY B	\$7,775,056
COLUMBIA FDG CO	\$129,225,691
CONCORD MIN CPTL CO	\$140,070,932
CREDIT SUISSE NEW YORK	\$20,000,000
CREDIT SUISSE NY	\$110,000,000
CROWN POINT CAP CO.	\$129,983,011
FANNIE MAE	\$40,000,000
FARMER MAC	\$355,000,000
FED FARM CRD DISCOUNT NT	\$39,968,122
FED HOME LN DISCOUNT NT	\$55,546,118
FEDERAL FARM CREDIT BANK	\$329,990,000
FEDERAL HOME LOAN BANK	\$51,000,000
FIDELITY	\$5,000,000
FREDDIE MAC	\$69,990,480
GOTHAM FDG CORP	\$58,196,299
GTA FDG LLC DISC	\$51,996,957
ING US FUNDING LLC	\$49,857,417
INSTITUTIONAL SECURED	\$144,992,289
LONGSHIP FUNDING DAC	\$39,988,600
MET LIFE GLOB FUNDING I	\$70,000,000
METLIFE SHORT TERM FDG	\$40,880,913
MITSUBISHI INT'L CO	\$144,960,044
MUFG BK LTD N Y BRH DISC COML	\$134,990,617
NATIONAL BK OF CANAD	\$44,995,500
OLD LINE FUNDING LLC	\$32,353,137
PFIZER INC	\$31,874,380
PURE GROVE FDG	\$74,976,911
ROYAL BANK OF CANADA	\$50,000,000
ROYAL BK OF CANADA	\$50,000,000
SHEFFIELD RECEIVABLE	\$134,949,586
SHELL INTNL FNC B.V	\$69,880,911
STRIPS	\$49,981,038

SVENSKA HANDLSBNKN A	\$44,999,737
SWEDBANK	\$49,981,271
THUNDER BAY FNDNG LLC	\$79,980,589
TORONTO DOMINION BANK	\$100,000,000
TORONTO-DOMINION	\$30,000,000
TOYOTA MOTOR CREDIT CORP	\$140,000,000
TREASURY BILL	\$519,902,679
US DOLLAR	\$190,000,064
US TREASURY FRN	\$80,008,155
VICTORY RECEIVABLES	\$89,994,806
WESTPAC BANKING CORP.	\$119,973,378
Holdings Total	\$5,526,965,232

Trust Funds Investment Pool**Manager Holdings**

Manager Name	Market Value
Montana Board of Investments	\$2,206,561,629
Fidelity	\$28,460,040
Angelo Gordon	\$16,200,045
Neuberger Berman	\$72,715,525
Oaktree Capital	\$69,316,242
Shenkman Capital Mgmt	\$65,919,615
UBS Realty Investors LLC	\$35,232,394
American Realty Advisors	\$68,177,867
Heitman	\$30,021,505
JP Morgan	\$49,415,550
PGIM Inc.	\$71,456,194
Total Holdings	\$2,713,476,605

**Trust Funds Investment Pools
Security Holdings**

Security Name	Market Value
ABBVIE INC	\$10,838,850
AG COMMERCIAL RE DEBT OPP III	\$16,200,045
AIR LIQUIDE FINANCE	\$5,230,250
ALIBABA GROUP HOLDING	\$11,194,300
ALTRIA GROUP INC	\$2,320,080
AMAZON.COM INC	\$15,765,507
AMERICAN CORE REALTY FUND LLC	\$68,177,867
APPLE INC	\$5,691,800
AT+T INC	\$12,814,846
BANK OF AMERICA CORP	\$11,179,036
BANK OF NY MELLON CORP	\$12,252,330
BARCLAYS PLC	\$24,592,103
BLACKROCK INC	\$4,520,560
BOSTON PROPERTIES LP	\$15,031,250
BURLINGTN NORTH SANTA FE	\$9,159,772
CAPITAL ONE FINANCIAL CO	\$10,624,150
CARMAX AUTO OWNER TRUST	\$5,076,682
CATERPILLAR FINL SERVICE	\$11,037,700
CFCRE COMMERCIAL MORTGAGE TRUS	\$4,531,216
CHEVRON CORP	\$3,071,700
CISCO SYSTEMS INC	\$5,998,440
CITIGROUP INC	\$32,370,100
CNA FINANCIAL CORP	\$4,747,800
COMCAST CORP	\$24,587,820
COMM MORTGAGE TRUST	\$18,170,490
CONSTELLATION BRANDS INC	\$8,077,137
COOPERAT RABOBANK UA/NY	\$8,071,600
CREDIT SUISSE GROUP AG	\$23,778,690
CVS HEALTH CORP	\$12,588,770
CVS PASS THROUGH TR 2014	\$2,628,490
CVS PASS THROUGH TRUST	\$14,070,008
DELL EQUIPMENT FINANCE TRUST	\$9,131,259
DIAGEO CAPITAL PLC	\$12,922,370
DISCOVER BANK	\$17,726,480
ENTERPRISE FLEET FINANCING LLC	\$5,075,498
EXELON GENERATION CO LLC	\$5,218,250
FANNIE MAE	\$105,334,238
FANNIEMAE WHOLE LOAN	\$4,464,636
FED HM LN PC POOL 1J0477	\$377,415
FED HM LN PC POOL A82927	\$287,087
FED HM LN PC POOL A89148	\$1,640,456
FED HM LN PC POOL A94799	\$956,230
FED HM LN PC POOL A95282	\$1,317,038
FED HM LN PC POOL A97720	\$1,943,338
FED HM LN PC POOL C01614	\$339,646
FED HM LN PC POOL G04332	\$1,105,225

FED HM LN PC POOL G08269	\$241,239
FED HM LN PC POOL G08706	\$6,621,752
FED HM LN PC POOL G08732	\$7,680,222
FED HM LN PC POOL G08737	\$5,353,654
FED HM LN PC POOL J08376	\$110,969
FED HM LN PC POOL J13342	\$770,121
FED HM LN PC POOL K93542	\$6,530,748
FED HM LN PC POOL QA5292	\$10,533,118
FED HM LN PC POOL QB1976	\$18,349,833
FED HM LN PC POOL QN1099	\$10,951,578
FED HM LN PC POOL RB5011	\$12,036,989
FED HM LN PC POOL ZT1593	\$5,285,891
FEDERAL FARM CREDIT BANK	\$20,057,200
FEDERAL HOME LOAN BANK	\$28,011,450
FEDEX CORP	\$7,889,160
FIDELITY ADVISOR SER IV	\$28,460,040
FINANCE OF AMER STRUCTURED	\$12,737,611
FNMA POOL 190375	\$153,767
FNMA POOL 254476	\$569,147
FNMA POOL 255731	\$57,120
FNMA POOL 256600	\$350,741
FNMA POOL 256895	\$79,299
FNMA POOL 384526	\$2,468,181
FNMA POOL 386755	\$3,144,556
FNMA POOL 469739	\$5,860,407
FNMA POOL 471678	\$8,076,679
FNMA POOL 646203	\$291,431
FNMA POOL 723551	\$27,283
FNMA POOL 725773	\$1,282,804
FNMA POOL 725946	\$73,153
FNMA POOL 735141	\$391,364
FNMA POOL 827606	\$397,774
FNMA POOL 890315	\$6,858,190
FNMA POOL 902163	\$473,449
FNMA POOL 924089	\$777,119
FNMA POOL 929842	\$574,200
FNMA POOL 930678	\$1,813,160
FNMA POOL 933853	\$1,091,724
FNMA POOL 936499	\$1,159,704
FNMA POOL 944622	\$281,790
FNMA POOL 962533	\$294,571
FNMA POOL 972562	\$259,392
FNMA POOL 985023	\$187,144
FNMA POOL AB2099	\$1,836,029
FNMA POOL AB3875	\$1,577,186
FNMA POOL AC5445	\$1,254,920
FNMA POOL AE1288	\$1,467,258
FNMA POOL AH1271	\$3,554,148
FNMA POOL AK3070	\$6,687,448

FNMA POOL AL2546	\$16,086
FNMA POOL AM6110	\$4,840,527
FNMA POOL AM7259	\$2,922,534
FNMA POOL AN4048	\$15,351,588
FNMA POOL AN4502	\$6,080,923
FNMA POOL AO9021	\$3,686,706
FNMA POOL AS7388	\$5,333,528
FNMA POOL AS8073	\$12,953,799
FNMA POOL AT6308	\$3,519,103
FNMA POOL AT9147	\$2,989,466
FNMA POOL AV4193	\$2,075,290
FNMA POOL AZ7909	\$3,318,273
FNMA POOL BC8664	\$4,094,656
FNMA POOL BH7058	\$5,350,451
FNMA POOL BJ7881	\$6,027,424
FNMA POOL BM3281	\$8,504,063
FNMA POOL BP6750	\$15,389,450
FNMA POOL CA1532	\$10,790,808
FNMA POOL CA8252	\$12,468,611
FNMA POOL FM4005	\$9,861,439
FNMA POOL FM5266	\$10,390,509
FNMA POOL MA1438	\$1,580,804
FNMA POOL MA3664	\$6,268,577
FNMA POOL MA3867	\$7,011,796
FNMA POOL MA3868	\$6,861,090
FNMA POOL MA4047	\$14,523,088
FNMA POOL MA4100	\$15,111,379
FORD CREDIT AUTO OWNER TRUST/F	\$15,508,136
FREDDIE MAC	\$42,774,126
FRESB MULTIFAMILY MORTGAGE PAS	\$46,222,696
GENERAL MILLS INC	\$8,153,840
GILEAD SCIENCES INC	\$20,911,060
GNMA II POOL 004285	\$62,175
GNMA II POOL 004483	\$938,292
GNMA II POOL 082158	\$749,097
GNMA II POOL 711745	\$5,717,121
GNMA POOL 568140	\$69,372
GNMA POOL 636460	\$351,072
GNMA POOL 673009	\$380,598
GNMA POOL 688143	\$545,989
GNMA POOL 697855	\$802,048
GNMA POOL 701864	\$1,286,705
GNMA POOL 732878	\$1,209,896
GNMA POOL AC3667	\$3,094,105
GOLDMAN SACHS GROUP INC	\$15,898,950
GOVERNMENT NATIONAL MORTGAGE A	\$41,541,484
GREAT AMERICA LEASING RECEIVAB	\$20,245,967
GS MORTGAGE SECURITIES TRUST	\$6,217,096
HEITMAN AMERICA RE TRUST LP	\$30,021,505

HERTZ VEHICLE FINANCING LLC	\$1,372,543
HOUSING URBAN DEVELOPMNT	\$12,560,469
HPEFS EQUIPMENT TRUST	\$1,755,271
HSBC HOLDINGS PLC	\$10,795,600
IMPAC SECURED ASSETS CORP.	\$1,172,019
INTEL CORP	\$5,392,600
JP MORGAN CHASE COMMERCIAL MOR	\$16,326,088
JP MORGAN INV MGT SPF FIV 2 US	\$49,415,550
JP MORGAN MORTGAGE TRUST	\$40,220,267
JPMORGAN CHASE + CO	\$13,165,550
KEYCORP	\$8,329,375
LOCKHEED MARTIN CORP	\$9,090,480
MASTERCARD INC	\$8,103,620
METLIFE INC	\$3,061,280
MICROSOFT CORP	\$16,225,270
MMAF EQUIPMENT FINANCE LLC	\$1,804,377
MONTANA REAL ESTATE PROPERTIES	\$21,950,397
MORGAN STANLEY BAML TRUST	\$5,253,877
MORGAN STANLEY CAPITAL I TRUST	\$11,850,864
NEUBERGER BERMAN HY MUUH	\$72,715,525
NEW VALLEY GENERATION V	\$1,391,446
NEXTERA ENERGY CAPITAL	\$5,701,600
NORFOLK SOUTHERN CORP	\$11,111,700
NOVARTIS CAPITAL CORP	\$5,518,656
NUTRIEN LTD	\$11,914,100
OAKTREE CAP MUUG	\$69,316,242
ONSLOW BAY FINANCIAL LLC	\$12,947,746
ONTARIO (PROVINCE OF)	\$5,468,750
PEPSICO INC	\$11,064,000
PHILLIPS 66	\$21,340,447
PRINCIPAL FINANCIAL GRP	\$6,577,481
PRISA LP	\$71,456,194
PROVINCE OF QUEBEC	\$15,577,700
PRUDENTIAL FINANCIAL INC	\$14,166,120
REINAUER MARITIME CO LLC	\$7,261,772
SAN DIEGO G + E	\$1,370,470
SEQUOIA MORTGAGE TRUST	\$4,710,558
SHELL INTERNATIONAL FIN	\$5,548,950
SHENKMAN CAP HIGH YIELD MUUF	\$65,919,615
SHORT TERM INVESTMENT POOL	\$65,235,834
SMALL BUSINESS ADMINISTRATION	\$296,675
STARBUCKS CORP	\$29,138,750
SUNCOR ENERGY INC	\$9,823,740
TENN VAL AUTH CPN STRIP	\$6,592,763
TENN VALLEY AUTHORITY	\$15,031,800
TOYOTA MOTOR CREDIT CORP	\$10,830,800
TRUIST BANK	\$5,265,900
TSY INFL IX N/B	\$31,277,750
UBS GROUP AG	\$10,842,830

UBS TRUMBULL PROPERTY FUND	\$35,232,394
US DOLLAR	\$278,975
US TREASURY N/B	\$360,922,617
VALERO ENERGY CORP	\$18,044,126
VENTAS REALTY LP	\$15,059,080
VERIZON COMMUNICATIONS	\$32,853,740
VISA INC	\$22,588,530
VOLKSWAGEN AUTO LEASE TRUST	\$7,104,460
WALMART INC	\$21,491,110
WELLS FARGO + COMPANY	\$6,835,700
WELLS FARGO MORTGAGE BACKED SE	\$10,380,896
WELLTOWER INC	\$9,105,260
WF RBS COMMERCIAL MORTGAGE TRU	\$15,396,995
WINWATER MORTGAGE LOAN TRUST	\$936,946
WORLD OMNI AUTOMOBILE LEASE SE	\$7,064,539
WRKCO INC	\$29,665,260
Total Holdings	\$2,713,476,605

**State Fund
Manager Holdings**

Manager Name	Market Value
American Realty Advisors	\$21,542,391
BlackRock (Comingled)	\$219,304,052
Heitman	\$18,766,615
JP Morgan	\$16,794,266
Montana Board of Investments	\$1,238,154,262
Neuberger Berman	\$39,114,569
PGIM Inc.	\$15,782,711
UBS Realty Investors LLC	\$22,008,448
Total Holdings	\$1,591,467,314

State Fund	
Security Holdings	
Security Name	Market Value
ABBVIE INC	\$10,838,850
ACWI SUPERUNIT	\$47,919,810
AFLAC INC	\$5,536,750
ALIBABA GROUP HOLDING	\$10,074,870
ALTRIA GROUP INC	\$15,413,378
AMAZON.COM INC	\$9,210,090
AMCOR FLEXIBLES NORTH AM	\$2,551,475
AMERICAN CORE REALTY FUND LLC	\$21,542,391
AMERICAN HONDA FINANCE	\$5,125,500
BANK OF AMERICA CORP	\$17,008,869
BARCLAYS PLC	\$16,347,700
BENCHMARK MORTGAGE TRUST	\$5,608,265
BLACKROCK INC	\$3,390,420
BOSTON PROPERTIES LP	\$12,851,250
BURLINGTN NORTH SANTA FE	\$8,987,422
CAPITAL ONE FINANCIAL CO	\$5,147,250
CARMAX AUTO OWNER TRUST	\$2,066,385
CATERPILLAR FINANCIAL SE	\$5,480,100
CITIGROUP INC	\$28,812,150
CNA FINANCIAL CORP	\$4,747,800
COMCAST CORP	\$13,906,659
COOPERAT RABOBANK UA/NY	\$4,003,520
CRED SUIS GP FUN LTD	\$5,045,050
CREDIT SUISSE GROUP AG	\$13,928,300
CVS HEALTH CORP	\$5,044,394
DIAGEO CAPITAL PLC	\$10,763,450
DISCOVER BANK	\$10,058,620
EMERSON ELECTRIC CO	\$2,097,445
ENTERGY CORP	\$3,145,890
ENTERPRISE FLEET FINANCING LLC	\$3,130,017
EQUITY INDEX FUND B	\$171,384,242
EXELON CORP	\$5,663,850
FANNIE MAE	\$32,541,100
FED HM LN PC POOL G12310	\$8,826
FED HM LN PC POOL G13081	\$79,132
FED HM LN PC POOL G18244	\$92,202
FED HM LN PC POOL J08160	\$48,890
FED HM LN PC POOL QB1976	\$12,263,725
FED HM LN PC POOL QN1099	\$10,951,578
FED HM LN PC POOL RB5011	\$9,027,742
FEDERAL FARM CREDIT BANK	\$15,073,825
FEDERAL HOME LOAN BANK	\$24,832,344
FEDEX CORP	\$3,424,230
FINANCE OF AMER STRUCTURED	\$8,818,346
FNMA POOL 888932	\$82
FNMA POOL 962078	\$90,947

FNMA POOL AN2098	\$5,572,370
FNMA POOL AN2235	\$5,835,863
FNMA POOL AN3300	\$0
FNMA POOL AN4048	\$10,234,392
FNMA POOL AN4502	\$8,280,406
FNMA POOL BO2201	\$9,449,583
FNMA POOL BP6750	\$10,259,634
FNMA POOL BQ3004	\$12,366,191
FNMA POOL CA8252	\$12,468,611
FNMA POOL FM4005	\$15,303,001
FNMA POOL FM5266	\$10,390,509
FNMA POOL MA3868	\$10,291,636
FNMA POOL MA4047	\$14,523,088
FNMA POOL MA4078	\$14,834,959
FNMA POOL MA4100	\$12,089,103
FORD CREDIT AUTO OWNER TRUST/F	\$23,218,103
FORD MOTOR CREDIT CO LLC	\$8,092,790
FREDDIE MAC	\$9,921,167
FRESB MULTIFAMILY MORTGAGE PAS	\$15,263,637
GENERAL MILLS INC	\$7,134,610
GILEAD SCIENCES INC	\$9,677,480
GOLDMAN SACHS GROUP INC	\$11,724,489
GOVERNMENT NATIONAL MORTGAGE A	\$23,173,376
GREAT AMERICA LEASING RECEIVAB	\$9,556,926
HEITMAN AMERICA RE TRUST LP	\$18,766,615
HERTZ VEHICLE FINANCING LLC	\$915,029
HOUSING URBAN DEVELOPMNT	\$2,845,055
HPEFS EQUIPMENT TRUST	\$3,733,882
HSBC HOLDINGS PLC	\$5,397,800
HUNTINGTON BANCSHARES	\$1,873,735
INTEL CORP	\$5,392,600
JOHN DEERE CAPITAL CORP	\$6,571,800
JP MORGAN INV MGT SPF FIV 2 US	\$19,884,920
JPMORGAN CHASE + CO	\$16,794,266
LIBERTY MUTUAL GROUP INC	\$5,289,750
LOCKHEED MARTIN CORP	\$5,681,550
MASSMUTUAL GLOBAL FUNDIN	\$2,193,140
MASTERCARD INC	\$17,442,600
MICROSOFT CORP	\$5,697,750
MMAF EQUIPMENT FINANCE LLC	\$5,432,089
MONEY MARKET FD FOR EBT	\$12
MORGAN STANLEY	\$7,085,941
MORGAN STANLEY CAPITAL I TRUST	\$11,850,864
NEUBERGER BERMAN HIGH YIELD MU	\$39,114,569
NORFOLK SOUTHERN CORP	\$5,133,750
NUTRIEN LTD	\$5,962,220
ONTARIO (PROVINCE OF)	\$5,468,750
PFIZER INC	\$3,501,810
PHILLIPS 66	\$9,852,210

PRISA LP	\$15,782,711
PROVINCE OF QUEBEC	\$4,198,560
PRUDENTIAL FINANCIAL INC	\$7,083,060
SHELL INTERNATIONAL FIN	\$15,650,750
SHORT TERM INVESTMENT POOL	\$32,526,389
SIMON PROPERTY GROUP LP	\$9,360,384
STARBUCKS CORP	\$23,311,000
TENN VALLEY AUTHORITY	\$5,137,300
TOTAL CAPITAL INTL SA	\$10,113,500
TOYOTA MOTOR CREDIT CORP	\$6,498,480
TSY INFL IX N/B	\$42,927,293
UBS TRUMBULL PROPERTY FUND	\$22,008,448
UNION PACIFIC CORP	\$5,459,950
US TREASURY N/B	\$206,352,813
VENTAS REALTY LP	\$9,321,440
VERIZON COMMUNICATIONS	\$21,457,876
VISA INC	\$9,821,100
WALMART INC	\$10,744,200
WELLS FARGO + COMPANY	\$7,629,930
WELLTOWER INC	\$15,291,480
WORLD OMNI AUTOMOBILE LEASE SE	\$5,046,099
WRKCO INC	\$20,114,790
Total Holdings	\$1,591,467,314

Separately Managed Investments**Manager Holdings**

Manager Name	Market Value
Montana Board of Investments	\$ 8,075,603,022
BlackRock (Comingled)	\$ 6,393,723
Total Holdings	\$8,081,996,745

**Separately Managed Investments
Manager Holdings**

Security Name	Market Value
ACWI EX US SUPERFUN	\$1,543,568
FANNIE MAE	\$2,006,880
FREDDIE MAC	\$6,259,438
LEGACY	\$1
MONEY MARKET FD FOR EBT	\$45
MULTIFAMILY COAL TRUST HOME PR	\$5,213,646
PERMANENT COAL TRUST	\$152,711,154
SHORT TERM INVESTMENT POOL	\$5,079,644,933
SSC GOVERNMENT GVMXX EL	\$5,257,021
TREASURY BILL	\$47,995,897
TRUST FUNDS INVESTMENT POOL	\$2,724,411,354
U.S. DEBT INDEX FUND	\$1,404,881
US EQUITY MARKET FUND	\$3,445,274
US TREASURY N/B	\$3,505,195
VETERANS HOME LOAN MORTGAGES	\$48,597,455
Total Holdings	\$8,081,996,745

End Notes

Negative market values indicate a net short position.

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