

# UCRP

## Holdings as of June 30, 2020

### Asset Name

### Base Market Value

## PUBLIC ASSETS

### Equity Investments

#### Externally-Managed Funds

MSCI ACWI IMI TF	26,039,208,056
UCAL EBWJ SSGA S P 500 EX TOB	2,927,991,634
ARROWSTREET GLOBAL ALPHA FUND	1,966,624,736
ADAGE CAPITAL	1,443,689,240
SANDS GLOBAL GROWTH	1,275,261,047
SANDERS CONCENTRATED GL VAL EQ	1,272,319,610
EGERTON INVESTMENT PARTNERS	755,207,688
HEALTHCARE INVESTMENT FUND II	707,289,851
HIMALAYA CAPITAL INVEST LP	622,946,468
ALATUS CAPITAL	495,772,693
ADELPHI UCRP	482,745,370
ARISTOTLE VALUE EQ	466,529,716
ORBIMED GLOBAL HEALTHCARE FUND	367,546,993
WF ASIAN SMALLER COMP S1	264,948,613
DALTON JAPAN STRATEGIC	170,854,047
UCAL EBQS EARNEST PART	169,892,387
KOTAK INDIA GROWTH	115,295,350
UCAL EBQF UCRP WF ASIAN RECONN	114,959,716
HDFC ASSET MANAGEMENT	77,095,259
FPA SELECT	12,456,283
TARPON	12,398,497
	<b>39,761,033,256</b>

#### Internally-Managed Funds

Fully Collateralized Equity Futures	32,409,386
	<b>32,409,386</b>

<b>TOTAL EQUITY</b>	<b>39,793,442,641</b>
---------------------	-----------------------

### Fixed Income Investments

US TREASURY N/B	1,317,821,178
US TREASURY N/B	499,337,050
FNMA TBA 30 YR 3.5	304,998,452

## Asset Name

## Base Market Value

FNMA TBA 30 YR 4	295,674,602
FNMA TBA 30 YR 3	231,713,284
STRIPS	226,841,870
US TREASURY N/B	223,592,621
STRIPS	212,668,769
US TREASURY N/B	180,541,863
RFCSP STRIP PRINCIPAL	173,501,482
STRIPS	163,738,092
US TREASURY N/B	143,815,679
STRIPS	128,985,150
STRIPS	122,881,375
FNMA TBA 30 YR 3.5	115,671,875
TSY INFL IX N/B	114,148,690
STRIPS	113,813,200
RFCSP STRIP PRINCIPAL	107,223,264
STRIPS	102,113,582
STRIPS	92,239,205
RFCSP STRIP PRINCIPAL	91,990,184
STRIPS	82,696,740
FNMA TBA 30 YR 2.5	78,049,808
US TREASURY N/B	72,150,156
US TREASURY N/B	69,242,862
TSY INFL IX N/B	68,490,685
FNMA POOL AS0303	67,338,023
US TREASURY N/B	67,011,756
FNMA TBA 30 YR 4.5	64,471,872
STRIPS	61,942,982
STRIPS	61,753,625
US TREASURY N/B	61,748,538
STRIPS	57,451,288
RFCSP STRIP PRINCIPAL	57,121,996
FNMA POOL AS8650	54,338,978
US TREASURY N/B	54,048,692
FED HM LN PC POOL ZS4714	52,735,732
FNMA TBA 30 YR 3	52,562,500
RESOLUTION FUNDING STRIP	52,519,560
STRIPS	52,051,641
TSY INFL IX N/B	51,890,626
FNMA POOL MA3239	51,576,110
FAIRFAX ALLIED WORLD ASSURANCE	51,005,000
US TREASURY N/B	50,889,555
STRIPS	49,710,435
CITIBANK CREDIT CARD ISSUANCE	49,134,615
RFCSP STRIP PRINCIPAL	44,358,941
FNMA POOL MA2863	43,963,052

## Asset Name

## Base Market Value

CITIBANK CREDIT CARD ISSUANCE	42,191,764
US TREASURY N/B	41,181,250
STRIPS	38,176,050
FNMA TBA 15 YR 3.5	37,280,506
RESOLUTION FUNDING STRIP	37,225,779
FED HM LN PC POOL ZS4693	35,467,146
STRIPS	28,911,657
FNMA POOL MA2806	28,270,905
DISCOVER CARD EXECUTION NOTE T	25,097,573
US TREASURY N/B	23,340,358
FREDDIE MAC	23,280,719
ELLIE MAE SECOND LIEN	22,187,500
SLM STUDENT LOAN TRUST	18,602,454
TSY INFL IX N/B	18,223,904
CAPITAL ONE MULTI ASSET EXECUT	18,015,350
MORGAN STANLEY CAPITAL I TRUST	16,176,633
FANNIE MAE	15,662,398
BHMS MORTGAGE TRUST	15,120,693
FNMA POOL MA3210	14,364,742
FANNIE MAE	14,063,357
INTER AMERICAN DEVEL BK	13,767,102
FANNIE MAE	13,444,997
FNMA POOL BM3904	12,543,725
CABELA S MASTER CREDIT CARD TR	12,499,999
MICROSOFT CORP	12,341,317
ASIAN DEVELOPMENT BANK	12,291,779
ASSOCIATIONS, INC	11,504,208
ONTARIO (PROVINCE OF)	11,353,648
CATERPILLAR FINL SERVICE	10,968,434
FNMA POOL AL6306	10,838,508
GOLDMAN SACHS GROUP INC	10,485,955
FNMA POOL BN6683	10,358,387
MERIDIAN ADHESIVES GROUP	10,123,702
AMERICAN EXPRESS CREDIT ACCOUN	10,038,968
CITIBANK CREDIT CARD ISSUANCE	10,014,952
PORT AUTH OF NEW YORK NEW JE	9,956,475
NISSAN MASTER OWNER TRUST RECE	9,940,626
STRIPS	9,860,484
VERISK ANALYTICS INC	9,818,269
VIRGINIA ELEC + POWER CO	9,773,012
MCDONALD S CORP	9,645,988
ADOBE INC	9,621,637
BANK OF AMERICA CORP	9,046,131
TOYOTA MOTOR CREDIT CORP	8,970,335
PERRIGO FINANCE UNLIMITE	8,882,503

## Asset Name

## Base Market Value

MICROSOFT CORP	8,865,562
ONTARIO (PROVINCE OF)	8,740,720
US BANCORP	8,696,608
US BANCORP	8,679,543
MICROSOFT CORP	8,510,260
PUBLIC SERVICE ELECTRIC	8,420,528
ALPHABET INC	8,356,676
FHLMC MULTIFAMILY STRUCTURED P	8,322,828
BANK	8,263,885
PROVINCE OF QUEBEC	8,245,370
OSCAR US FUNDING TRUST	8,180,778
BURLINGTN NORTH SANTA FE	8,117,061
FOMENTO ECONOMICO MEX	8,102,459
VISA INC	8,070,558
RESOLUTION FUNDING STRIP	7,866,073
QVC INC	7,821,282
DOLLAR TREE INC	7,777,385
AMGEN INC	7,766,040
FHLMC MULTIFAMILY STRUCTURED P	7,760,337
OSCAR US FUNDING TRUST	7,710,991
WRKCO INC	7,659,651
MET LIFE GLOB FUNDING I	7,653,844
AMERICAN INTL GROUP	7,596,019
FNMA POOL BN3956	7,475,891
FNMA POOL AU3753	7,463,529
WISCONSIN ELECTRIC POWER	7,369,755
FNMA POOL AW2718	7,362,626
TSY INFL IX N/B	7,301,358
EQUINIX INC	7,255,150
MOODY S CORPORATION	7,203,593
WHEELS SPV LLC	7,168,496
HOME DEPOT INC	7,127,585
UNIV OF TEXAS TX PERMANENT UNI	7,081,100
SYNCHRONY FINANCIAL	7,035,884
HERSHEY COMPANY	7,022,698
TOYOTA MOTOR CREDIT CORP	6,911,689
VERIZON COMMUNICATIONS	6,848,150
SALESFORCE.COM INC	6,838,370
APPLE INC	6,823,237
GENERAL MOTORS FINL CO	6,774,171
CITIGROUP INC	6,689,606
FNMA POOL AY4827	6,621,724
BANK OF AMERICA CORP	6,416,178
VISA INC	6,395,927
EAST BAY CA MUNI UTILITY DIST	6,395,315

## Asset Name

## Base Market Value

FANNIEMAE ACES	6,391,718
PUGET ENERGY INC	6,329,269
CHARTER COMM OPT LLC/CAP	6,313,728
SOUTHERN POWER CO	6,283,588
JPMORGAN CHASE + CO	6,215,747
SUNTORY HOLDINGS LTD	6,170,015
FREDDIE MAC	6,159,931
MIDAMERICAN ENERGY CO	6,137,003
FLORIDA POWER + LIGHT CO	6,125,873
CROWN CASTLE INTL CORP	6,094,049
ENABLE MIDSTREAM PARTNER	6,054,740
CITIGROUP COMMERCIAL MORTGAGE	5,968,433
GOVERNMENT NATIONAL MORTGAGE A	5,934,825
DUKE ENERGY PROGRESS LLC	5,919,912
IHS MARKIT LTD	5,867,150
PPL ELECTRIC UTILITIES	5,832,798
DEUTSCHE BANK NY	5,801,218
OSHKOSH CORP	5,797,591
BANK OF MONTREAL	5,776,906
IHS MARKIT LTD	5,747,950
MYLAN INC	5,744,669
FANNIE MAE	5,740,787
COMCAST CORP	5,729,739
AMERICAN WATER CAPITAL C	5,726,811
JPMORGAN CHASE + CO	5,711,187
BENCHMARK MORTGAGE TRUST	5,710,960
JPMORGAN CHASE + CO	5,694,137
APPLE INC	5,668,222
AMERICAN WATER CAPITAL C	5,668,000
JPMORGAN CHASE + CO	5,655,487
FORD MOTOR CREDIT CO LLC	5,654,855
AMERICAN TOWER CORP	5,613,119
O REILLY AUTOMOTIVE INC	5,560,485
VISA INC	5,545,777
FNMA POOL AU6509	5,492,245
HOME DEPOT INC	5,488,768
GOLDMAN SACHS GROUP INC	5,484,479
FIFTH THIRD BANCORP	5,456,528
KFW	5,454,130
WALMART INC	5,446,835
COCA COLA CO/THE	5,443,301
WALMART INC	5,441,244
PNC FINANCIAL SERVICES	5,421,443
PPL CAPITAL FUNDING INC	5,412,916
AMERICAN WATER CAPITAL C	5,397,004

## Asset Name

## Base Market Value

GOLDMAN SACHS GROUP INC	5,394,200
CAPITAL ONE FINANCIAL CO	5,379,906
SALESFORCE.COM INC	5,373,520
ONTARIO (PROVINCE OF)	5,357,937
MASCO CORP	5,323,206
APPLE INC	5,312,300
APPLE INC	5,309,674
WHEELS SPV LLC	5,273,555
BRITISH COLUMBIA PROV OF	5,256,170
US BANCORP	5,240,152
JPMORGAN CHASE + CO	5,237,395
ORACLE CORP	5,228,251
BANK OF MONTREAL	5,211,240
WELLS FARGO + COMPANY	5,204,991
CITIGROUP INC	5,203,672
VERISK ANALYTICS INC	5,200,982
ING GROEP NV	5,198,047
FISERV INC	5,193,058
CINTAS CORPORATION NO. 2	5,192,544
ROYAL BK SCOTLND GRP PLC	5,191,020
BANK OF AMERICA CORP	5,182,914
QUEST DIAGNOSTICS INC	5,166,197
FREDDIE MAC	5,161,020
WEC ENERGY GROUP INC	5,123,433
HOST HOTELS + RESORTS LP	5,115,148
HUNTINGTON BANCSHARES	5,083,266
CANADIAN NATL RAILWAY	5,082,075
BANK OF AMERICA CORP	5,073,220
ANHEUSER BUSCH INBEV WOR	5,053,948
MIDAMERICAN ENERGY CO	5,024,331
ZIMMER BIOMET HOLDINGS	4,978,944
FNMA POOL AY8224	4,976,302
SUNTRUST BANKS INC	4,974,346
OWL ROCK CAPITAL CORP	4,938,212
REPUBLIC OF PANAMA	4,891,784
OWL ROCK CAPITAL CORP	4,880,299
BARCLAYS PLC	4,877,656
JPMORGAN CHASE + CO	4,863,009
CRED SUIS GP FUN LTD	4,845,161
MICROSOFT CORP	4,833,848
MARRIOTT INTERNATIONAL	4,807,407
COOPERATIEVE RABOBANK UA	4,791,550
AT+T INC	4,786,330
BANK OF AMERICA CORP	4,777,967
XCEL ENERGY INC	4,772,633

## Asset Name

## Base Market Value

LOCKHEED MARTIN CORP	4,770,809
ALIMENTATION COUCHE TARD	4,768,508
WELLS FARGO + COMPANY	4,766,579
PFIZER INC	4,756,277
US BANK NA CINCINNATI	4,751,667
MORGAN STANLEY	4,738,537
VERIZON COMMUNICATIONS	4,727,591
CYRUSONE LP/CYRUSONE FIN	4,684,275
FNMA POOL MA1008	4,666,536
JOHN DEERE CAPITAL CORP	4,649,373
BURLINGTN NORTH SANTA FE	4,637,834
SABINE PASS LIQUEFACTION	4,587,461
ROYAL BK SCOTLND GRP PLC	4,568,354
UNITED TECHNOLOGIES CORP	4,568,299
MARS INC	4,554,390
CINTAS CORPORATION NO. 2	4,542,911
HUMANA INC	4,535,224
VULCAN MATERIALS CO	4,464,984
AMERICAN TOWER CORP	4,456,175
BBVA USA	4,436,907
BANCO SANTANDER SA	4,435,547
AVALONBAY COMMUNITIES	4,425,263
GILEAD SCIENCES INC	4,415,885
FLORIDA POWER + LIGHT CO	4,400,969
BAXTER INTERNATIONAL INC	4,391,698
UNION PACIFIC CORP	4,389,131
CHARTER COMM OPT LLC/CAP	4,369,394
T MOBILE USA INC	4,353,560
BANK OF MONTREAL	4,344,462
COX COMMUNICATIONS INC	4,339,063
MORGAN STANLEY BAML TRUST	4,317,548
ROYAL BK SCOTLND GRP PLC	4,312,577
GOLDMAN SACHS GROUP INC	4,310,717
SABINE PASS LIQUEFACTION	4,293,825
APPLE INC	4,292,996
PROGRESSIVE CORP	4,280,432
MERCK + CO INC	4,262,161
CITIGROUP INC	4,256,838
BRISTOL MYERS SQUIBB CO	4,256,650
PACKAGING CORP OF AMERIC	4,254,371
ANTHEM INC	4,231,690
PUBLIC SERVICE COLORADO	4,224,111
PRUDENTIAL FINANCIAL INC	4,200,134
DISCOVER BANK	4,192,673
REPUBLIC SERVICES INC	4,171,418

## Asset Name

## Base Market Value

SUNTORY HOLDINGS LTD	4,166,110
BANCO SANTANDER SA	4,160,125
VALERO ENERGY CORP	4,141,962
LENNAR CORP	4,140,000
MET LIFE GLOB FUNDING I	4,139,957
MCDONALD S CORP	4,134,360
KLA CORP	4,131,537
ANTHEM INC	4,106,148
OSCAR US FUNDING TRUST	4,090,389
MORGAN STANLEY	4,081,846
ALLSTATE CORP	4,079,121
ABN AMRO BANK NV	4,077,689
BEAM SUNTORY INC	4,048,055
LOCKHEED MARTIN CORP	4,023,120
PRES + FELLOWS OF HARVAR	4,009,383
GENERAL MOTORS FINL CO	3,984,050
GOLDMAN SACHS GROUP INC	3,974,014
MARVELL TECHNOLOGY GROUP	3,969,566
VERIZON COMMUNICATIONS	3,966,396
AT+T INC	3,965,972
JPMORGAN CHASE + CO	3,952,099
MERCK + CO INC	3,941,137
HOME DEPOT INC	3,940,799
DUKE ENERGY CAROLINAS	3,935,402
MCCORMICK + CO	3,925,486
WASTE MANAGEMENT INC	3,917,879
CARDINAL HEALTH INC	3,915,417
EMERA US FINANCE LP	3,912,791
UNITEDHEALTH GROUP INC	3,905,944
L3HARRIS TECH INC	3,903,553
FIDELITY NATIONAL INFORM	3,895,426
KLA CORP	3,894,453
US BANCORP	3,891,840
ROPER TECHNOLOGIES INC	3,867,139
OSCAR US FUNDING TRUST	3,842,179
GOLDMAN SACHS GROUP INC	3,839,507
FORD MOTOR CREDIT CO LLC	3,831,120
HUNTINGTON INGALLS INDUS	3,830,796
DUKE ENERGY INDIANA LLC	3,827,144
BECTON DICKINSON AND CO	3,811,242
CHENIERE CORP CHRISTI HD	3,810,625
CMS ENERGY CORP	3,796,167
PRES + FELLOWS OF HARVAR	3,794,600
PNC FINANCIAL SERVICES	3,794,233
LOCKHEED MARTIN CORP	3,793,824



## Asset Name

## Base Market Value

TRIMBLE INC	3,787,979
CITRIX SYSTEMS INC	3,786,229
ROPER TECHNOLOGIES INC	3,769,215
BROADRIDGE FINANCIAL SOL	3,756,985
AON PLC	3,746,739
MIDAMERICAN ENERGY CO	3,719,228
VMWARE INC	3,714,312
NATIONWIDE BLDG SOCIETY	3,712,456
CORP ANDINA DE FOMENTO	3,702,965
BANK OF AMERICA CORP	3,683,068
HSBC HOLDINGS PLC	3,675,848
ACTIVISION BLIZZARD	3,669,689
COMCAST CORP	3,647,922
TRINITY ACQUISITION PLC	3,645,380
CAMERON LNG LLC	3,638,367
COOPERATIEVE RABOBANK UA	3,635,902
AUTODESK INC	3,633,607
INTESA SANPAOLO SPA	3,598,528
ENTERGY CORP	3,590,110
EDWARDS LIFESCIENCES COR	3,576,622
PHILLIPS 66 PARTNERS LP	3,576,266
BANK OF AMERICA CORP	3,570,082
HSBC HOLDINGS PLC	3,564,547
AIR LIQUIDE FINANCE	3,562,202
LLOYDS BANKING GROUP PLC	3,558,826
MORGAN STANLEY	3,547,708
GENERAL MOTORS FINL CO	3,546,539
DH EUROPE FINANCE II	3,535,037
PUBLIC SERVICE ELECTRIC	3,524,112
JPMORGAN CHASE + CO	3,523,053
JPMORGAN CHASE + CO	3,518,898
CATERPILLAR FINL SERVICE	3,518,063
GEORGIA PACIFIC LLC	3,511,757
PERRIGO FINANCE UNLIMITD	3,509,323
COMCAST CORP	3,496,797
DH EUROPE FINANCE II	3,492,582
GOLDMAN SACHS GROUP INC	3,481,463
HUNTSMAN INTERNATIONAL L	3,471,854
MASCO CORP	3,462,527
TRANSCONT GAS PIPE LINE	3,455,747
FED HM LN PC POOL ZL6396	3,447,268
HUMANA INC	3,446,034
AIR LIQUIDE FINANCE	3,442,903
COMCAST CORP	3,441,465
CREDIT SUISSE GROUP AG	3,434,756

## Asset Name

## Base Market Value

L3HARRIS TECH INC	3,433,777
APTIV PLC	3,423,447
ALIMENTATION COUCHE TARD	3,421,610
BECTON DICKINSON AND CO	3,417,404
TRANSCONT GAS PIPE LINE	3,411,386
COMCAST CORP	3,406,749
MPLX LP	3,397,770
AMERICAN CAMPUS CMNTYS	3,390,182
GILEAD SCIENCES INC	3,378,738
CARRIER GLOBAL CORP	3,373,981
REPUBLIC SERVICES INC	3,371,066
MICROCHIP TECHNOLOGY INC	3,364,314
COMCAST CORP	3,364,047
US BANCORP	3,350,514
APPLE INC	3,345,479
DUKE ENERGY CORP	3,344,250
AMERICAN TOWER CORP	3,336,656
SIMON PROPERTY GROUP LP	3,334,955
DISCOVER BANK	3,331,185
T MOBILE USA INC	3,324,510
GOLDMAN SACHS GROUP INC	3,321,000
UNITEDHEALTH GROUP INC	3,318,095
BANK OF AMERICA CORP	3,313,428
APTIV CORP	3,307,064
REPUBLIC OF COLOMBIA	3,295,500
UNION PACIFIC CORP	3,286,797
ROPER TECHNOLOGIES INC	3,262,036
WASTE MANAGEMENT INC	3,260,098
FORD MOTOR CREDIT CO LLC	3,258,750
GE CAPITAL INTL FUNDING	3,253,611
PENSKE TRUCK LEASING/PTL	3,251,819
ENTERPRISE PRODUCTS OPER	3,246,830
KEYSIGHT TECHNOLOGIES	3,245,710
LOUISVILLE GAS + ELEC	3,244,361
INGREDION INC	3,235,545
MICROSOFT CORP	3,231,687
CITIGROUP INC	3,181,390
UNION PACIFIC CORP	3,177,578
UNITED MEXICAN STATES	3,171,200
ADOBE INC	3,167,926
PRINCIPAL LFE GLB FND II	3,167,075
INVESCO FINANCE PLC	3,165,135
BANK OF AMERICA CORP	3,159,436
SOUTHERN CALIF GAS CO	3,157,673
APPLE INC	3,139,408

## Asset Name

## Base Market Value

OSCAR US FUNDING TRUST	3,135,052
CVS HEALTH CORP	3,129,907
PROGRESS ENERGY INC	3,111,544
SYSCO CORPORATION	3,107,745
ERAC USA FINANCE LLC	3,105,725
ADOBE INC	3,105,070
CANADIAN NATL RAILWAY	3,084,966
PRUDENTIAL FINANCIAL INC	3,070,357
BRIGHTHOUSE FINANCIAL IN	3,058,379
CITIGROUP INC	3,048,838
BANK OF AMERICA NA	3,047,142
UNITEDHEALTH GROUP INC	3,023,362
DOW CHEMICAL CO/THE	3,011,578
FANNIE MAE	3,010,675
ATHENE GLOBAL FUNDING	3,010,294
OSCAR US FUNDING TRUST	2,973,672
NBCUNIVERSAL MEDIA LLC	2,968,308
CHENIERE CORP CHRISTI HD	2,966,952
SOUTHERN CAL EDISON	2,962,812
L3HARRIS TECH INC	2,957,237
CNH INDUSTRIAL NV	2,954,395
CARRIER GLOBAL CORP	2,952,935
WISCONSIN ELECTRIC POWER	2,948,760
UNITED MEXICAN STATES	2,926,344
BRIGHTHOUSE FINANCIAL IN	2,908,685
CHENIERE CORP CHRISTI HD	2,901,235
PUBLIC SERVICE COLORADO	2,897,411
FED HM LN PC POOL T60585	2,877,622
BANK OF AMERICA CORP	2,870,158
ANHEUSER BUSCH INBEV WOR	2,866,631
INTERPUBLIC GROUP COS	2,866,231
FEDEX CORP	2,861,801
TESLA AUTO LEASE TRUST	2,847,294
TIME WARNER CABLE LLC	2,834,472
L3HARRIS TECH INC	2,828,983
BARRICK NA FINANCE LLC	2,825,417
SAN DIEGO G + E	2,800,840
MARVELL TECHNOLOGY GROUP	2,793,837
VIRGINIA ELEC + POWER CO	2,770,552
DOMINION ENERGY INC	2,766,142
S+P GLOBAL INC	2,748,325
PROVINCE OF QUEBEC	2,745,489
FNMA POOL AO8139	2,730,058
BOOKING HOLDINGS INC	2,725,878
ABBVIE INC	2,719,121

## Asset Name

## Base Market Value

VIACOMCBS INC	2,718,831
DUKE ENERGY CORP	2,712,393
NGPL PIPECO LLC	2,681,598
FRESENIUS MED CARE US	2,673,592
AMERICAN TOWER CORP	2,665,673
UNITED MEXICAN STATES	2,650,000
SABINE PASS LIQUEFACTION	2,643,750
CORNING INC	2,638,396
BRISTOL MYERS SQUIBB CO	2,638,390
CIGNA CORP	2,636,227
ABBVIE INC	2,626,484
GILEAD SCIENCES INC	2,624,436
CONSTELLATION BRANDS INC	2,623,572
CONSUMERS ENERGY CO	2,623,371
CYRUSONE LP/CYRUSONE FIN	2,623,082
LENNAR CORP	2,617,455
KLA CORP	2,609,508
HUMANA INC	2,607,004
BAKER HUGHES LLC/CO OBL	2,605,409
FLORIDA POWER + LIGHT CO	2,599,215
EMERA US FINANCE LP	2,584,579
ALLSTATE CORP	2,582,600
CVS HEALTH CORP	2,576,999
NESTLE HOLDINGS INC	2,570,868
TRINITY ACQUISITION PLC	2,561,253
NUTRIEN LTD	2,559,932
PENSKE TRUCK LEASING/PTL	2,548,319
ENTERPRISE PRODUCTS OPER	2,542,692
AT+T INC	2,530,429
SYSCO CORPORATION	2,512,212
AT+T INC	2,507,916
CHUBB INA HOLDINGS INC	2,507,259
REPUBLIC OF COLOMBIA	2,497,000
ACTIVISION BLIZZARD	2,496,579
MARSH + MCLENNAN COS INC	2,493,110
MARS INC	2,491,870
ASHTED CAPITAL INC	2,487,500
MYLAN NV	2,479,921
AMAZON.COM INC	2,476,412
AT+T INC	2,472,901
DUKE ENERGY CAROLINAS	2,469,882
BOSTON PROPERTIES LP	2,455,880
PUGET SOUND ENERGY INC	2,451,354
MARS INC	2,440,173
FISERV INC	2,434,167

## Asset Name

## Base Market Value

BANK OF AMERICA CORP	2,431,748
CHARTER COMM OPT LLC/CAP	2,408,654
DUPONT DE NEMOURS INC	2,405,923
COMCAST CORP	2,397,554
TELEFONICA EMISIONES SAU	2,397,016
HCA INC	2,396,130
BANCO SANTANDER MEXICO	2,394,875
SOUTHERN CAL EDISON	2,381,738
VODAFONE GROUP PLC	2,378,610
COMCAST CORP	2,374,842
DUPONT DE NEMOURS INC	2,370,932
AT+T INC	2,368,480
MCDONALD S CORP	2,367,407
UNITED TECHNOLOGIES CORP	2,355,767
VODAFONE GROUP PLC	2,343,111
TOTAL SYSTEM SERVICES IN	2,340,803
LLOYDS BANKING GROUP PLC	2,335,997
SYSCO CORPORATION	2,334,535
BRISTOL MYERS SQUIBB CO	2,330,011
ABBOTT LABORATORIES	2,326,948
INTERPUBLIC GROUP COS	2,324,681
CANADIAN PACIFIC RAILWAY	2,321,066
NUTRIEN LTD	2,320,929
TIME WARNER CABLE LLC	2,309,873
MERCK + CO INC	2,307,677
CITIGROUP INC	2,306,966
CONAGRA BRANDS INC	2,305,284
ING GROEP NV	2,301,437
O REILLY AUTOMOTIVE INC	2,300,085
FED HM LN PC POOL T60691	2,296,459
GILEAD SCIENCES INC	2,289,349
DISCOVERY COMMUNICATIONS	2,283,561
ENTERPRISE PRODUCTS OPER	2,280,418
ANTHEM INC	2,278,720
PRINCIPAL FINANCIAL GRP	2,275,474
ENBRIDGE INC	2,274,929
LENNAR CORP	2,271,500
MCDONALD S CORP	2,263,192
BURLINGTN NORTH SANTA FE	2,256,203
SYNCHRONY FINANCIAL	2,254,894
SABINE PASS LIQUEFACTION	2,252,300
FISERV INC	2,248,242
AT+T INC	2,247,045
REPUBLIC SERVICES INC	2,243,128
BANK OF AMERICA CORP	2,241,662

## Asset Name

## Base Market Value

WRKCO INC	2,239,814
TRANSCONT GAS PIPE LINE	2,239,096
MORGAN STANLEY	2,236,838
MCCORMICK + CO	2,227,176
ABBVIE INC	2,221,974
HSBC HOLDINGS PLC	2,220,188
LAM RESEARCH CORP	2,218,652
WESTROCK RKT LLC	2,218,593
CHARTER COMM OPT LLC/CAP	2,213,644
ABBVIE INC	2,211,545
WRKCO INC	2,210,904
CVS HEALTH CORP	2,209,757
MORGAN STANLEY	2,204,601
CNA FINANCIAL CORP	2,203,884
PACKAGING CORP OF AMERIC	2,203,183
IHS MARKIT LTD	2,186,820
PAYPAL HOLDINGS INC	2,175,527
BRITISH COLUMBIA PROV OF	2,173,921
MPLX LP	2,168,334
PHILLIPS 66 PARTNERS LP	2,166,179
PACKAGING CORP OF AMERIC	2,165,709
NATIONWIDE BLDG SOCIETY	2,165,214
FEDEX CORP	2,161,319
HOME DEPOT INC	2,158,506
CRED SUIS GP FUN LTD	2,149,568
CREDIT SUISSE GROUP AG	2,149,306
ADOBE INC	2,146,990
COOPERATIEVE RABOBANK UA	2,138,445
AMERICAN TOWER CORP	2,138,071
AMERICAN TOWER CORP	2,136,929
CROWN CASTLE INTL CORP	2,136,571
ERP OPERATING LP	2,135,760
NORTHWESTERN MUTUAL LIFE	2,135,586
CROWN CASTLE INTL CORP	2,134,311
UNITED MEXICAN STATES	2,132,600
UNION PACIFIC CORP	2,130,702
NORFOLK SOUTHERN CORP	2,126,169
ZIMMER BIOMET HOLDINGS	2,125,204
SIMON PROPERTY GROUP LP	2,124,401
LEVEL 3 FINANCING INC	2,114,920
LEVEL 3 FINANCING INC	2,108,640
AMERICAN INTL GROUP	2,102,618
AVALONBAY COMMUNITIES	2,101,250
MITSUBISHI UFJ FIN GRP	2,099,098
PROVINCE OF ALBERTA	2,097,980

## Asset Name

## Base Market Value

JABIL INC	2,094,398
SYNCHRONY FINANCIAL	2,093,414
AGILENT TECHNOLOGIES INC	2,090,439
CHUBB INA HOLDINGS INC	2,085,975
MPLX LP	2,083,717
STEEL DYNAMICS INC	2,081,428
APPLE INC	2,075,753
JOHN DEERE CAPITAL CORP	2,074,586
GOVERNMENT NATIONAL MORTGAGE A	2,072,601
FED HM LN PC POOL ZS4634	2,072,300
WELLS FARGO + COMPANY	2,066,363
TIME WARNER CABLE LLC	2,064,665
ATHENE HOLDING LTD	2,063,246
ROPER TECHNOLOGIES INC	2,056,969
BANK OF AMERICA CORP	2,055,532
CITIGROUP INC	2,051,824
EQUINIX INC	2,048,048
SMITHFIELD FOODS INC	2,042,261
UBS GROUP FUNDING SWITZE	2,039,507
CARRIER GLOBAL CORP	2,038,712
EMERA US FINANCE LP	2,036,562
TOTAL SYSTEM SERVICES IN	2,036,231
FANNIEMAE ACES	2,030,361
WELLS FARGO BANK NA	2,024,181
MPLX LP	2,015,796
LENNAR CORP	2,002,200
GENERAL ELECTRIC CO	2,000,056
BANK OF AMERICA CORP	1,996,060
SL GREEN OPERATING PARTN	1,991,597
VENTAS REALTY LP	1,981,535
BANK OF AMERICA CORP	1,938,455
FANNIEMAE ACES	1,931,702
LENNAR CORP	1,912,313
AMERICAN INTL GROUP	1,897,456
CVS HEALTH CORP	1,895,883
GRUPO BIMBO SAB DE CV	1,885,548
COMCAST CORP	1,870,551
ABBOTT LABORATORIES	1,866,363
EXPEDIA GROUP INC	1,864,690
ENABLE MIDSTREAM PARTNER	1,852,583
COMCAST CORP	1,848,961
ASHTED CAPITAL INC	1,836,000
ALLY FINANCIAL INC	1,832,447
NEWCREST FINANCE PTY LTD	1,827,032
VERIZON COMMUNICATIONS	1,822,260

## Asset Name

## Base Market Value

DUKE ENERGY CAROLINAS	1,792,450
LOCKHEED MARTIN CORP	1,768,028
ASSOCIATIONS, INC DD T/L	1,749,367
FANNIE MAE	1,742,609
FANNIE MAE	1,734,806
CROWN CASTLE INTL CORP	1,724,776
MIDAMERICAN ENERGY CO	1,723,855
FNMA POOL AT5895	1,710,251
TELEFONICA EMISIONES SAU	1,709,677
BACARDI LTD	1,696,598
GILEAD SCIENCES INC	1,690,440
NORTHERN STATES PWR MINN	1,689,803
SYSCO CORPORATION	1,680,457
ENBRIDGE INC	1,676,616
DELL INT LLC / EMC CORP	1,644,719
ASHTED CAPITAL INC	1,644,576
ENTERPRISE PRODUCTS OPER	1,566,250
TELEFONICA EMISIONES SAU	1,555,836
PACKAGING CORP OF AMERIC	1,551,524
VODAFONE GROUP PLC	1,548,016
INTESA SANPAOLO SPA	1,542,585
ABBVIE INC	1,540,548
BACARDI LTD	1,525,148
CENTENE CORP	1,514,565
FANNIE MAE	1,489,009
LAM RESEARCH CORP	1,486,083
ANHEUSER BUSCH INBEV WOR	1,476,222
BECTON DICKINSON AND CO	1,453,022
FEDEX CORP	1,433,384
COMCAST CORP	1,413,826
MERCK + CO INC	1,411,666
CAMERON LNG LLC	1,391,857
MPLX LP	1,367,054
BRISTOL MYERS SQUIBB CO	1,365,109
QUALCOMM INC	1,364,552
STEEL DYNAMICS INC	1,358,983
EXPORT IMPORT BANK KOREA	1,354,897
BOEING CO	1,346,858
CHESAPEAKE FUNDING II LLC	1,335,671
MPLX LP	1,305,905
FRESENIUS MED CARE II	1,301,578
REPUBLIC OF POLAND	1,296,788
DISCOVER FINANCIAL SVS	1,291,653
FED HM LN PC POOL ZI9567	1,275,203
CHARTER COMM OPT LLC/CAP	1,244,849



## Asset Name

## Base Market Value

AMERICAN WATER CAPITAL C	1,239,261
DUKE ENERGY PROGRESS LLC	1,220,555
UNITEDHEALTH GROUP INC	1,183,064
FED HM LN PC POOL T60579	1,162,563
O REILLY AUTOMOTIVE INC	1,123,843
CREDIT SUISSE GROUP AG	1,120,009
METLIFE INC	1,116,844
UNION PACIFIC CORP	1,113,908
WHEELS SPV LLC	1,097,040
FNMA POOL AT8535	1,096,561
BOEING CO	1,092,839
ABBVIE INC	1,090,952
WISCONSIN PUBLIC SERVICE	1,085,776
STEEL DYNAMICS INC	1,078,875
JPMORGAN CHASE + CO	1,051,335
AT+T INC	1,043,419
VISA INC	1,039,196
HSBC HOLDINGS PLC	1,037,217
WASTE MANAGEMENT INC	1,028,695
GOLDMAN SACHS GROUP INC	1,015,932
STEEL DYNAMICS INC	1,005,484
ABBVIE INC	987,385
CONAGRA BRANDS INC	973,459
BOEING CO	878,733
FNMA POOL AE8732	870,036
FNMA POOL AI0550	817,075
AMERICAN INTL GROUP	815,484
AMERICAN WATER CAPITAL C	813,084
ABBOTT LABORATORIES	812,791
UNITED MEXICAN STATES	765,999
TELEFONICA EMISIONES SAU	723,715
BECTON DICKINSON AND CO	708,586
FREDDIE MAC	659,123
GENERAL ELECTRIC CO	633,989
FED HM LN PC POOL 1B8315	595,127
CREDIT SUISSE GROUP AG	518,656
FNMA POOL 889347	495,739
GENERAL ELECTRIC CO	475,464
ASSOCIATIONS R/C 1L	474,942
FED HM LN PC POOL 1B7913	458,653
PPL CAPITAL FUNDING INC	428,402
ING BANK NV	400,712
FNMA POOL AS0759	345,038
COX COMMUNICATIONS INC	331,186
GENERAL MOTORS CO	319,926

## Asset Name

## Base Market Value

MERIDIAN ADHESIVES DD	303,624
FNMA POOL 889703	244,769
OSCAR US FUNDING TRUST	240,678
PAR PHARMACEUTICAL INC	226,790
PACKAGING CORP OF AMERIC	220,134
FNMA POOL 962221	210,202
FNMA POOL AU6064	203,791
HALLIBURTON CO	142,439
GRAPHIC PACKAGING INTERN	99,220
OCTAGON INVESTMENT PARTNERS XI	82,791
UNITED TECHNOLOGIES CORP	73,642
FED HM LN PC POOL 1G1642	3,284
BANC OF AMERICA MORTGAGE SECUR	691
	<hr/>
	<b>9,490,888,551</b>

### Externally-Managed Funds

BLACKROCK PASSIVE EM	1,977,522,723
EATON VANCE HIGH YIELD	950,368,705
NOMURA HIGH YIELD TOTAL RETURN	714,140,642
RANGELEY LAKE PARTNERS	209,760,202
OWL ROCK FIRST LIEN FUND, L.P	84,045,337
SENIOR CREDIT FUND, LLC	75,250,999
GOLDMAN SACHS RENEWABLE POWER LLC	63,700,000
HIG BAYSIDE LOAN OPP FUND V	18,831,468
SANKATY CREDIT OPPORTUNITY IV	3,932,663
APOLLO EPF II, LP	3,842,235
HIG BAYSIDE LOAN OPP FEEDER V	2,688,476
ROUND TABLE HLTHCARE CAP II	728,036
PASSIVE CORE FIXED INCOME	33,636
	<hr/>
	<b>4,104,845,120</b>

<b>TOTAL FIXED INCOME</b>	<b>13,595,733,672</b>
---------------------------	-----------------------

<b>TOTAL PUBLIC ASSETS</b>	<b>53,389,176,313</b>
----------------------------	-----------------------

## **ALTERNATIVE ASSETS**

*Individual holdings may include alternative investment vehicles*

### **Absolute Return**

MORAINÉ FUND, LTD	662,013,454
BIWA FUND LIMITED	433,112,894
HAZELTON FUND LIMITED	403,207,918
OWL ROCK	522,463,018

## Asset Name

## Base Market Value

EXUMA	327,754,704
ACM ALAMOSIA I LP	304,652,791
BFAM ASIA OPPORTUNITY FUND LTD	287,592,984
KEY SQUARE	285,697,402
WANAKA FUND LTD	274,920,977
KEPOS ALPHA FUND LTD	215,660,621
ALBACORE PARTNERS I	202,696,786
NEWPORT CRATER LAKE	199,848,820
HOMeward OPPORTUNITY	154,567,885
ELLIOT INTERNATIONAL LTD	149,007,130
PEYTO, LLC	44,887,318
ZEI ES CO INVEST C, L.P.	11,273,011
	<hr/>
	<b>4,479,357,714</b>

## **Private Equity**

TOPANGA PRIVATE OPPORTUNITIES	709,887,994
RNT ASSOCIATES	314,680,045
BLACKSTONE STRATEGIC PARTNERS	213,891,448
THOMA BRAVO XIII	179,895,247
ARSENAL CAPITAL PARTNERS IV	125,999,186
1868 UNIVERITAS FUND	124,962,518
APOLLO CATALINA	120,666,183
SEQUOIA CAP GLOBAL GROWTH III	112,505,607
KHOSLA VENTURES IV	103,205,331
BLACKSTONE STRATEGIC CAPITAL	101,863,531
GGV CAPITAL V, L.P.	97,759,631
KHOSLA VENTURES V	95,828,780
BLACKSTONE CAP PTNRS ASIA LP	95,298,197
PINE BROOK CAP. PARTNERS II	88,491,127
EQT VIII, LP	87,220,716
GGV CAPITAL IV	75,926,813
BOW VENTURES FUND I LP	73,926,417
ROUND TABLE III	70,645,187
THOMA BRAVO FUND XIII	69,766,201
FURTHER GLOBAL CAPITAL I	68,148,250
SHAMROCK CAPITAL GRO FD III	60,316,000
APOLLO INVESTMENT FUND VIII BO	59,237,408
EQT VIII	55,981,638
WARBURG PINCUS FUND XII	53,958,305
APOLLO CO-INVESTMENT	52,500,000
BLACKSTONE STRATEGIC PTRS VIII	50,882,579
CERTARES HOLDINGS LLC	50,646,295
OLYMPUS GROWTH FUND VII, L.P.	49,805,513
WARBURG PINCUS XI LP	48,936,593

## Asset Name

## Base Market Value

THE RISE FUND LP	48,884,564
KHOSLA VENTURES SEED B L.P.	48,659,286
BLACKSTONE CAPITAL PARTNERS IV	48,224,895
BG SPECIAL SITUATIONS LP	46,962,822
BAIN CAPITAL FUND XI L.P.	44,604,877
TPG GROWTH IV, L.P.	44,089,428
ARSENAL CAPITAL PARTNERS V LP	42,394,268
ARES CORP OPPORTUNITIES IV LP	37,164,978
W CAPITAL PARTNERS III LP	36,672,170
OLYMPUS GROWTH FUND VI LP	36,407,309
WARBURG PINCUS PRVT EQUITY X	32,907,588
APOLLO FUND IX	29,889,401
WARBURG PINCUS ENERGY, LP	28,888,667
HORIZON CAPITAL FUND 2013 A LP	28,597,049
FOUNTAINVEST CHINA GRTH CAP II	27,728,012
CANAAN PARTNERS IX LP	27,284,616
KHOSLA VENTURES SEED, LP	27,155,601
SUN CAPITAL PARTNERS VI	26,806,436
ROUND TABLE HLTHCARE CAP III	23,682,005
SYCAMORE PARTNERS	22,856,410
BARING PVT EQUITY ASIA FD VII	21,902,791
THOMA BRAVO FUND XIII A	21,892,286
SYCAMORE PARTNERS MANAGEMENT CO-INVESTMENT	21,487,513
DARWIN VENTURE CPTAL FND II LP	18,892,742
GGV CAPITAL VII L.P.	18,614,539
HIG MIDDLE MARKET LBO FD II	18,614,203
ICONIQ STRAT PTRS III COINVEST	18,166,575
KHOSLA VENTURES III	17,785,808
BLACKSTONE CAP PARTNERS VI	17,783,008
BLACKSTONE CAPITAL PARTNERS ASIA LP	17,030,863
BREGAL SAGEMOUNT CREDIT OPP II	16,699,799
CHARLESBANK EQUITY FUND VII LP	16,123,879
SENTIENT GLOBAL RSRCS IV BO	15,971,555
CADUCEUS PRIVATE INV IV LP	15,443,812
SUN CAPITAL PARTNERS V	13,398,667
JLL PARTNERS FUND VI, LP	13,298,686
SYCAMORE PARTNERS III	12,922,591
EQT VI, LP	12,159,095
VESTAR CAPITAL PARTNERS V LP	11,893,650
BPEA VII	11,623,305
SENTIENT GLOBAL RESOURCES	11,040,377
BAIN CAPITAL FUND X	10,905,991
WATER STREET II	10,441,766
CLEARLAKE CAPITAL CO-INVESTMENT	9,289,575
MSA ENTERPRISES	8,855,613

## Asset Name

## Base Market Value

HIG CAPITAL PARTNERS VLP	8,423,661
CLAREMONT CREEK VENTURES II	8,194,315
DCP I	8,122,412
CANAAN VIII LP	7,004,284
OLYMPUS GROWTH FUND V	6,876,552
ICONIQ STRATEGIC PARTNERS IV	6,841,478
HIG EUROPE CAPITAL PARTNERS II	6,502,128
TPG CAPITAL VIII	6,380,867
ARES CORP OPPS FUND III	6,207,535
BAIN CAPITAL FUND IX LP	6,133,688
GGV DISCOVERY II, L.P.	6,095,724
GGV CAPITAL VII PLUS, L.P.	5,942,888
LIME ROCK VI	5,670,196
JLL PARTNERS FUND VII, LP	5,521,217
WARBURG IX	5,333,320
H.I.G BAYSIDE II	5,127,081
LIME ROCK PARTNERS V L P	4,826,815
CANAAN EQUITY PARTNERS VII	4,781,554
TPG VIII HEALTHCARE SIDECAR	4,284,957
BAIN CAPITAL EUROPE FUND III	4,178,284
W CAPITAL PARTNERS II LP	4,091,443
TSG8 L.P. PENSION	3,684,892
HIG MIDDLE MARKET LBO FUND III	3,311,331
BREGAL SAGEMOUNT EQUITY III	3,010,040
BLACKSTONE CAPITAL PARTNERS	2,984,493
FOUNTAIN VEST CHINA GROWTH PTN	2,663,298
CADUCEUS PRIVATE INV III LP	2,659,608
APOLLO INVESTMENT FUND VII LP	2,615,493
GRANITE GLOBAL VENTURES II LP	2,024,478
PINE BROOK CAPITAL PARTNERS	1,941,620
MADISON DEARBORN V	1,823,486
HIG CAPITAL PARTNERS IV	1,802,115
SUN CAPITAL IV LP	1,785,389
GRANITE GLOBAL VENTURES III	1,776,951
HIG EUROPE MIDDLE MARKET LBO	1,769,122
MADISON DEARBORN CAP PART IV	1,486,007
BREGAL SAGEMOUNT CREDOPP COINV	1,440,046
BAIN CAPITAL FUND IX	1,348,758
CHARLESBANK EQUITY FUND VI	1,261,289
VIDA VENTURES II	1,012,103
APOLLO INVESTMENT FUND VI LP	951,702
KPCB PRIVATE EQUITY FUNDS	933,559
WARBURG PINCUS VIII	197,058
SHAMROCK CAPITAL GROWTH FD II	120,000
ARES CORP OPPORTUNITY FUND II	80,193

## Asset Name

CLAREMONT CREEK VENTURES LP  
FOUNTAINVEST II  
BAIN CAPITAL FUND VIII

## Base Market Value

71,413  
49,513  
43,658

---

**4,674,319,825**

## **Real Assets**

APOLLO INFRA EQUITY FUND	162,850,243
APOLLO FIN CREDIT INV III	153,814,963
JOHN HANCOCK INFRASTRUCTURE FD	134,893,227
UPPER BAY INFRASTRUCTURE PTRS	120,000,000
STONEPEAK INFRA FD III LP	116,640,000
EQT INFRA IV NO.2 USD SCSP	107,323,780
RED KITE MINE FINANCE FUND I	103,240,585
EQT INFRAST III NO 2 SCSP	97,018,225
DIGITAL COLONY CO-INVESTMENT	91,350,960
ORION MINE FINANCE FUND II	88,051,245
TRINITAS ADVANTAGED AGRI IV	87,720,000
AMERRA CAPITAL	82,807,343
MOLPUS SEVEN STATES TIMBERLAND	74,934,890
PATTERN ENERGY GROUP II LP	73,614,380
APOLLO CATALINA	63,834,233
GOLDMAN SACHS RENEWABLE POWER LLC	63,700,000
DIGITAL COLONY PARTNERS LP	55,273,784
EMG FUND II	49,252,711
ENCAP FLATROCK MIDSTREAM CO-INVESTMENT	43,911,654
CIM INFRASTRUCTURE II	42,408,673
PARTNERS GROUP CO-INVESTMENT	34,261,864
RIDGEWOOD ENERGY FUND II	33,855,138
ENCAP FLATROCK FUND III	32,716,289
EMG FUND III	29,547,240
WARBURG PINCUS ENERGY	24,555,367
UPPER BAY INFRASTRUCTURE FD I	23,400,000
CD CAPITAL FUND II	22,586,629
APOLLO DEDICATED INVEST POOL	21,929,364
EQT INFRASTRUCTURE FUND II	15,270,471
ORBIMED ROYALTIES FUND I	14,884,628
ORION RESOURCES FUND I A	14,696,931
PINE BROOK RESOURCES	13,146,404
ENCAP FLATROCK MIDSTREAM FD IV	12,499,050
PONTIFAX AGTECH LP	11,218,186
NGP FUND X	8,334,556
RED KITE MINE FINANCE FUND II REAL ASSET	8,142,780
JOG FUND VI	6,746,659
ENCAP FLATROCK FUND II	6,609,018

## Asset Name

## Base Market Value

FOUNDATION ENERGY FUND IV	4,986,100
DRUG ROYALTY III	4,648,362
JOG FUND V	2,886,072
SANKATY MANAGED ACCOUNT LP	2,874,778
AG NET LEASE REALTY FUND II	2,670,950
PONTIFAX AGTECH II	963,845
LIME ROCK	9,115
	<hr/>
	<b>2,166,080,690</b>

## **Real Estate**

CLARION PARTNERS SEPARATE ACCOUNT	524,684,351
LIONSTONE SEPARATE ACCOUNT	469,734,416
JOHN HANCOCK-MANULIFE SEPARATE ACCOUNT	386,789,882
TA REALTY SEPARATE ACCOUNT	263,017,032
AMB US LOGISTICS FUND	188,086,104
EMMES ASSET MANAGEMENT SEPARATE ACCOUNT	178,713,454
LION INDUSTRIAL TRUST	177,880,779
ING LION PROPERTIES	177,162,725
PRISA II PRUDENTIAL REAL EST.	164,234,290
INTERSTATE INVESTMENTS SEPARATE ACCOUNT	156,687,510
PRUDENTIAL PRISA I	154,254,980
HEITMAN AMERICA REAL ESTATE TR	125,449,203
JPM DISCRETIONARY DEBT PROGRAM	96,965,292
CIM FUND VIII	83,110,697
INLAND RETAIL PROPERTY FUND LP	82,524,336
STOCKBRIDGE SIV DIVERSIFIED	81,914,146
BLACKSTONE PROP PTRS EUROPE LP	75,816,883
BROOKFIELD STRATEGIC RE III	73,679,864
BUCHANAN STREET PARTNERS SEPARATE ACCOUNT	68,475,939
A E NYC WORKFORCE HOUSING	63,029,141
BROOKFIELD FAIRFIELD VAMF III	56,559,095
BRIDGE PARTNERS SEPARATE ACCOUNT	54,355,520
KKR RE PARTNERS AMERICAS II LP	53,918,815
A E RE PTNRSHF FUND II	51,329,393
BROOKFIELD ASSET MANAGEMENT CO-INVESTMENT	40,548,374
GAW CAPITAL PARTNERS CO-INVESTMENT	38,434,042
BLACKSTONE RE PARTNERS ASIA II	34,929,175
IPI DATA CENTER PTRS FUND I A	32,823,523
STOCKBRIDGE SIV RENO	31,371,078
BLACKSTONE REAL ESTATE PTRS IX	30,696,594
CERBERUS REAL ESTATE III	27,310,869
CIM FUND III LP	21,206,639
JP MORGAN DEBT	19,490,024
KKR CO-INVESTMENT	19,213,946

## Asset Name

## Base Market Value

FOCUS SENIOR HOUSING FD I	18,871,542
LBA REALTY FUND III	16,258,107
LIONSTONE MGMT GATEWAY ONE	16,183,599
WALTON STREET VI	13,803,326
KSL CAPITAL PTNRS III LP 211	13,666,393
BLACKSTONE REAL ESTATE VII	13,597,256
CAPRI URBAN INVESTORS LLC	11,817,232
WESTBROOK REAL ESTATE FUND IX	11,000,000
REDWOOD GROVE INTERNATIONAL LP	9,053,681
WESTBROOK REAL ESTATE FUND VII	8,865,000
WALTON STREET REAL ESTATE V	8,313,119
KSL CAPITAL PARTNERS V, L.P.	7,615,507
ROCKPOINT REAL ESTATE IV	5,182,377
BLACKSTONE REAL EST PARTNER VI	4,440,653
WESTBROOK REAL ESTATE FD VIII	4,052,053
CALIFORNIA SMART GROWTH FD IV	3,650,238
ROCKPOINT REAL ESTATE FUND III	1,947,424
BLACKSTONE REAL ESTATE PRTN V	1,489,396
COLONY CAPITAL VIII LP	831,900
JP MORGAN INVESTMENT MANAGEMENT SEPARATE ACCOUNT	786,346
RREEF GLOBAL OPP FD II	605,465
METRO WORKFORCE HOUSING FUND	280,632
LEGACY PARTNERS REALTY FUND II	53,530
TRIPACIFIC CAPITAL ADVISORS	4,970
	<hr/>
	<b>4,276,767,854</b>

**TOTAL ALTERNATIVE ASSETS** 15,596,526,082

**TOTAL PUBLIC & ALTERNATIVE ASSETS** 68,985,702,395

**TOTAL CASH & CASH EQUIVALENTS** 1,789,226,297

**RECEIVABLES/PAYABLES & OTHER ADJUSTMENTS** (593,780,579)

**TOTAL NET ASSETS** 70,181,148,113