

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
APPLE INC	5,366,574	\$ 922,245,742	3.83%
MICROSOFT CORP	8,002,485	\$ 673,569,162	2.81%
AMAZON.COM INC	414,258	\$ 487,478,102	2.02%
FACEBOOK INC-A	2,462,730	\$ 436,346,501	1.81%
JOHNSON & JOHNSON	2,788,626	\$ 388,539,261	1.62%
BERKSHIRE HATHAWAY INC B	1,999,161	\$ 385,858,065	1.60%
JP MORGAN CHASE & CO	3,656,137	\$ 382,139,439	1.59%
EXXON MOBIL CORP	4,402,439	\$ 366,679,144	1.54%
ALPHABET INC	309,663	\$ 320,863,511	1.33%
ALPHABET INC	313,628	\$ 320,342,776	1.33%
BANK OF AMERICA CORP	10,194,523	\$ 287,179,713	1.20%
WELLS FARGO & CO	4,641,700	\$ 262,116,799	1.10%
PROCTER & GAMBLE CO	2,649,417	\$ 238,421,036	0.99%
CHEVRON CORP	1,968,873	\$ 234,276,198	0.98%
AT&T INC	6,379,344	\$ 232,080,535	0.96%
UNITEDHEALTH GROUP INC	1,004,549	\$ 229,207,945	0.95%
PFIZER INC	6,200,477	\$ 224,829,296	0.94%
HOME DEPOT INC	1,224,769	\$ 220,237,962	0.92%
INTEL CORP	4,882,173	\$ 218,916,637	0.91%
VERIZON COMMUNICATIONS INC	4,238,388	\$ 215,691,565	0.90%
VISA INC	1,900,682	\$ 213,997,786	0.89%
CITIGROUP INC	2,830,763	\$ 213,722,607	0.89%
CISCO SYSTEMS INC	5,194,962	\$ 193,772,083	0.80%
COMCAST CORP	4,887,293	\$ 183,468,979	0.76%
COCA-COLA CO	3,988,413	\$ 182,549,663	0.76%
DOWDUPONT INC	2,424,191	\$ 174,444,784	0.73%
PEPSICO INC	1,484,186	\$ 172,937,353	0.72%
DISNEY WALT CO	1,603,648	\$ 168,094,383	0.70%
PHILIP MORRIS INTERNATIONAL	1,613,687	\$ 165,806,339	0.69%
GENERAL ELECTRIC CO	8,995,442	\$ 164,526,634	0.68%
ABBVIE INC	1,656,235	\$ 160,522,296	0.67%
BOEING CO	577,277	\$ 159,790,274	0.67%
MERCK & CO INC	2,841,785	\$ 157,065,457	0.65%
ORACLE CORP	3,137,493	\$ 153,925,407	0.64%
3M CO	620,029	\$ 150,753,851	0.63%
WAL-MART STORES INC	1,520,788	\$ 147,866,217	0.61%

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MASTERCARD INC	970,169	\$ 145,981,329	0.61 %
MCDONALD'S CORP	841,571	\$ 144,724,965	0.60 %
IBM CORP	900,489	\$ 138,648,291	0.58 %
ALTRIA GROUP INC	1,993,356	\$ 135,209,337	0.56 %
AMGEN INC	758,119	\$ 133,171,184	0.56 %
NVIDIA CORP	623,389	\$ 125,120,406	0.52 %
HONEYWELL INTERNATIONAL INC	792,054	\$ 123,528,742	0.52 %
BROADCOM LTD	422,443	\$ 117,413,807	0.49 %
MEDTRONIC INC	1,407,395	\$ 115,589,351	0.48 %
BRISTOL-MYERS SQUIBB CO	1,703,853	\$ 107,666,471	0.45 %
UNION PACIFIC CORP	831,586	\$ 105,195,629	0.44 %
QUALCOMM INC	1,535,029	\$ 101,833,824	0.43 %
ABBOTT LABORATORIES	1,805,171	\$ 101,757,489	0.42 %
GILEAD SCIENCES INC	1,356,833	\$ 101,463,972	0.42 %
TEXAS INSTRUMENTS INC	1,028,632	\$ 100,075,607	0.42 %
ACCENTURE LTD	642,076	\$ 95,033,669	0.39 %
UNITED TECHNOLOGIES CORP	771,817	\$ 93,737,175	0.39 %
ADOBE SYSTEMS INC	512,640	\$ 93,028,781	0.39 %
GOLDMAN SACHS GROUP INC	373,818	\$ 92,572,290	0.39 %
US BANCORP	1,651,079	\$ 91,057,007	0.38 %
SCHLUMBERGER LTD	1,443,641	\$ 90,732,837	0.38 %
SCHLUMBERGER LTD	1,443,641	\$ 90,732,837	0.38 %
PAYPAL HOLDINGS INC-W/I	1,174,313	\$ 88,930,723	0.37 %
PRICELINE.COM INC	50,971	\$ 88,674,758	0.37 %
UNITED PARCEL SERVICE INC	715,620	\$ 86,912,049	0.36 %
STARBUCKS CORP	1,500,186	\$ 86,740,755	0.36 %
CATERPILLAR INC	614,010	\$ 86,667,512	0.36 %
LILLY ELI & CO	1,006,639	\$ 85,201,925	0.36 %
NETFLIX INC	448,580	\$ 84,144,636	0.35 %
COSTCO WHOLESALE CORP	455,690	\$ 84,042,907	0.35 %
LOCKHEED MARTIN CORP	260,318	\$ 83,072,680	0.35 %
NIKE INC	1,365,169	\$ 82,483,511	0.34 %
CELGENE CORP	812,849	\$ 81,959,565	0.34 %
CVS CAREMARK CORP	1,056,192	\$ 80,904,307	0.34 %
THERMO FISHER SCIENTIFIC INC	415,807	\$ 80,150,957	0.33 %
NEXTERA ENERGY INC	486,412	\$ 76,872,552	0.32 %

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MORGAN STANLEY	1,469,294	\$ 75,830,263	0.31 %
AMERICAN EXPRESS CO	762,305	\$ 74,484,822	0.31 %
SALESFORCE.COM INC	709,380	\$ 74,002,522	0.31 %
TIME WARNER INC	808,122	\$ 73,951,244	0.31 %
CHUBB LTD	483,558	\$ 73,554,007	0.31 %
LOWES COMPANIES INC	877,135	\$ 73,126,745	0.30 %
BIOGEN IDEC INC	219,674	\$ 70,772,373	0.29 %
PNC FINANCIAL SERVICES GROUP I	497,888	\$ 69,983,137	0.29 %
CHARTER COMMUNICATIONS INC	208,991	\$ 68,174,954	0.28 %
MONDELEZ INTL INC	1,566,411	\$ 67,261,688	0.28 %
COLGATE PALMOLIVE CO	915,180	\$ 66,304,791	0.28 %
WALGREEN BOOTS ALLIANCE INC CO	902,057	\$ 65,633,667	0.27 %
DUKE ENERGY CORP	727,167	\$ 64,848,753	0.27 %
BLACKROCK INC	128,785	\$ 64,545,754	0.27 %
CONOCOPHILLIPS	1,264,387	\$ 64,332,011	0.27 %
AMERICAN TOWER CORP	445,907	\$ 64,179,395	0.27 %
ANTHEM INC	272,821	\$ 64,102,022	0.27 %
AETNA INC	344,630	\$ 62,095,433	0.26 %
EOG RESOURCES INC	599,958	\$ 61,387,703	0.25 %
SCHWAB CHARLES CORP	1,238,275	\$ 60,415,437	0.25 %
ALLERGAN PLC	347,337	\$ 60,377,591	0.25 %
GENERAL DYNAMICS CORP	289,356	\$ 59,942,989	0.25 %
DANAHER CORP	635,159	\$ 59,933,603	0.25 %
FEDEX CORP	256,419	\$ 59,350,742	0.25 %
METLIFE INC	1,104,302	\$ 59,278,931	0.25 %
BANK OF NEW YORK MELLON	1,073,430	\$ 58,759,558	0.24 %
GENERAL MOTORS CO	1,362,611	\$ 58,714,908	0.24 %
APPLIED MATERIALS INC	1,108,060	\$ 58,472,326	0.24 %
RAYTHEON CO	301,563	\$ 57,643,767	0.24 %
AMERICAN INTERNATIONAL GROUP I	938,622	\$ 56,279,775	0.23 %
DOMINION ENERGY INC	667,635	\$ 56,168,133	0.24 %
OCCIDENTAL PETROLEUM CORP	794,388	\$ 56,004,354	0.23 %
NORTHROP GRUMMAN CORP	180,940	\$ 55,620,956	0.23 %
CIGNA CORP	261,593	\$ 55,387,086	0.23 %
ILLINOIS TOOL WORKS INC	321,808	\$ 54,466,004	0.23 %
MONSANTO CO	456,449	\$ 54,016,175	0.22 %

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BECTON DICKINSON & CO	236,436	\$ 53,957,060	0.22%
SOUTHERN CO	1,038,435	\$ 53,167,872	0.22%
CSX CORP	948,916	\$ 52,902,067	0.22%
AUTOMATIC DATA PROCESSING INC	461,698	\$ 52,845,953	0.22%
CME GROUP INC	353,160	\$ 52,811,546	0.22%
SIMON PROPERTY GROUP INC REIT	322,951	\$ 52,237,324	0.22%
STRYKER CORP	334,234	\$ 52,140,504	0.22%
PRUDENTIAL FINANCIAL INC	443,646	\$ 51,391,953	0.21%
FORD MOTOR COMPANY	4,063,596	\$ 50,876,222	0.21%
KRAFT HEINZ CO THE	620,213	\$ 50,466,732	0.21%
TJX COS INC	661,078	\$ 49,944,443	0.21%
DEERE & CO	332,330	\$ 49,802,974	0.21%
MICRON TECHNOLOGY INC	1,157,494	\$ 49,066,171	0.20%
ACTIVISION BLIZZARD INC	784,349	\$ 48,943,378	0.20%
CROWN CASTLE INTERNATIONAL COR	422,105	\$ 47,697,865	0.20%
INTUITIVE SURGICAL INC	116,212	\$ 46,459,233	0.19%
CAPITAL ONE FINANCIAL CORP	502,549	\$ 46,234,508	0.19%
PRAXAIR INC	297,216	\$ 45,747,487	0.19%
MARSH & MCLENNAN COS INC	532,505	\$ 44,693,145	0.19%
COGNIZANT TECHNOLOGY SOLUTIONS	613,648	\$ 44,354,477	0.18%
S&P GLOBAL INC	267,018	\$ 44,186,139	0.18%
KIMBERLY-CLARK CORP	367,076	\$ 43,961,022	0.18%
INTERCONTINENTALEXCHANGE	611,434	\$ 43,686,959	0.18%
PHILLIPS 66	446,419	\$ 43,552,638	0.18%
EMERSON ELECTRIC CO	664,970	\$ 43,103,355	0.18%
EXELON CORP	997,514	\$ 41,606,309	0.17%
NORFOLK SOUTHERN CORP	299,417	\$ 41,508,179	0.17%
BB&T CORP	839,594	\$ 41,492,735	0.17%
MARRIOTT INTERNATIONAL INC	325,029	\$ 41,278,683	0.17%
INTUIT INC	252,894	\$ 39,759,995	0.17%
AMERICAN ELECTRIC POWER CO INC	511,013	\$ 39,669,939	0.17%
VALERO ENERGY CORP	458,881	\$ 39,289,391	0.16%
HUMANA INC	150,151	\$ 39,168,390	0.16%
EXPRESS SCRIPTS HOLDING CO	600,063	\$ 39,112,106	0.16%
TRAVELERS COS INC	286,705	\$ 38,868,597	0.16%
CONSTELLATION BRANDS INC	178,605	\$ 38,862,662	0.16%

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ALLSTATE CORP	375,447	\$ 38,543,389	0.16%
VERTEX PHARMACEUTICALS INC	261,947	\$ 37,796,333	0.16%
HALLIBURTON CO	901,699	\$ 37,672,984	0.16%
EQUINIX INC	80,949	\$ 37,600,001	0.16%
BOSTON SCIENTIFIC CORP	1,425,615	\$ 37,465,162	0.16%
HEWLETT-PACKARD CO	1,735,363	\$ 37,223,536	0.15%
AON CORP	264,253	\$ 37,053,556	0.15%
STATE STREET CORP	388,533	\$ 37,046,622	0.15%
AIR PRODUCTS & CHEMICALS INC	226,453	\$ 36,920,897	0.15%
ZOETIS INC	509,930	\$ 36,862,840	0.15%
ECOLAB INC	270,596	\$ 36,779,408	0.15%
DELTA AIR LINES INC	692,074	\$ 36,624,556	0.15%
PROLOGIS INC REIT	552,597	\$ 36,598,499	0.15%
JOHNSON CONTROLS INTERNATIONAL	968,746	\$ 36,463,599	0.15%
AFLAC INC	410,636	\$ 35,988,139	0.15%
EATON CORP	462,140	\$ 35,945,249	0.15%
EBAY INC	1,034,196	\$ 35,855,575	0.15%
LYONDELLBASELL INDUSTRIES NV	337,212	\$ 35,306,096	0.15%
TWENTY FIRST CENTURY FOX INC	1,093,567	\$ 34,928,530	0.14%
ILLUMINA INC	151,691	\$ 34,893,481	0.14%
SOUTHWEST AIRLINES CO	572,147	\$ 34,712,158	0.14%
TE CONNECTIVITY LTD	367,160	\$ 34,674,590	0.14%
WASTE MANAGEMENT INC	420,615	\$ 34,595,584	0.14%
KINDER MORGAN INC	1,994,740	\$ 34,369,370	0.14%
BAXTER INTERNATIONAL INC	520,822	\$ 34,129,466	0.14%
ELECTRONIC ARTS INC	320,764	\$ 34,113,251	0.14%
SHERWIN-WILLIAMS CO	85,405	\$ 34,112,465	0.14%
TARGET CORP	567,475	\$ 33,991,753	0.14%
GENERAL MILLS INC	599,597	\$ 33,913,206	0.14%
PUBLIC STORAGE REIT	155,476	\$ 33,135,045	0.14%
MARATHON PETROLEUM CORP	525,990	\$ 32,942,754	0.14%
ANALOG DEVICES INC	382,001	\$ 32,894,106	0.14%
FIDELITY NATIONAL INFORMATION	345,372	\$ 32,578,941	0.14%
LAM RESEARCH CORP	168,788	\$ 32,462,996	0.13%
MCKESSON CORP	218,457	\$ 32,274,837	0.13%
PROGRESSIVE CORP	604,584	\$ 32,151,777	0.13%

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SEMPRA ENERGY	260,866	\$ 31,562,177	0.13%
PPG INDUSTRIES INC	266,479	\$ 31,138,071	0.13%
ROSS STORES INC	404,354	\$ 30,743,035	0.13%
SUNTRUST BANKS INC	498,645	\$ 30,731,491	0.13%
CORNING INC	938,392	\$ 30,394,517	0.13%
YUM! BRANDS INC	358,213	\$ 29,900,039	0.12%
SYSCO CORPPRATION	504,583	\$ 29,129,577	0.12%
LAUDER ESTEE COS INC/THE	232,599	\$ 29,035,333	0.12%
DELPHI AUTOMOTIVE PLC	277,247	\$ 29,019,443	0.12%
PG&E CORP	532,813	\$ 28,899,777	0.12%
REGENERON PHARMACEUTICALS INC	79,821	\$ 28,884,027	0.12%
AMPHENOL CORP	317,353	\$ 28,749,008	0.12%
FISERV INC	218,671	\$ 28,744,303	0.12%
CONSOLIDATED EDISON INC	321,899	\$ 28,661,887	0.12%
DXC TECHNOLOGY CO	295,742	\$ 28,432,636	0.12%
ROPER INDUSTRIES INC	106,204	\$ 28,378,771	0.12%
ANADARKO PETROLEUM CORP	582,182	\$ 27,997,132	0.12%
PUBLIC SERVICE ENTERPRISE GROU	525,600	\$ 27,888,336	0.12%
SYNCHRONY FINANCIAL	776,759	\$ 27,877,881	0.12%
CARNIVAL CORP	423,726	\$ 27,813,375	0.12%
WEYERHAEUSER CO	782,292	\$ 27,677,491	0.12%
PIONEER NATURAL RESOURCES CO	176,724	\$ 27,576,013	0.11%
EDISON INTERNATIONAL	338,512	\$ 27,510,870	0.11%
CUMMINS INC	163,706	\$ 27,404,384	0.11%
DISCOVER FINANCIAL SERVICES	386,867	\$ 27,312,810	0.11%
XCEL ENERGY INC	527,557	\$ 27,227,217	0.11%
MONSTER BEVERAGE CORP	430,933	\$ 27,006,571	0.11%
STANLEY BLACK & DECKER INC	159,123	\$ 26,992,035	0.11%
M&T BANK CORP	157,855	\$ 26,669,602	0.11%
MOODYS CORP	172,647	\$ 26,211,268	0.11%
PPL CORP	709,807	\$ 26,028,623	0.11%
AVALONBAY COMMUNITIES INC REIT	143,466	\$ 26,014,690	0.11%
PARKER HANNIFIN CORP	138,319	\$ 25,933,429	0.11%
WELLTOWER INC REIT	383,259	\$ 25,854,652	0.11%
ROCKWELL AUTOMATION INC	133,363	\$ 25,749,728	0.11%
EDWARDS LIFESCIENCES CORP	219,390	\$ 25,712,508	0.11%

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PRICE T ROWE GROUP INC	249,728	\$ 25,702,006	0.11%
PACCAR INC	365,074	\$ 25,675,654	0.11%
HCA HEALTHCARE INC	300,267	\$ 25,522,695	0.11%
EQUITY RESIDENTIAL REIT	381,632	\$ 25,500,650	0.11%
ALEXION PHARMACEUTICALS INC	231,886	\$ 25,463,402	0.11%
AMERIPRISE FINANCIAL INC	155,788	\$ 25,429,275	0.11%
BARD CR INC	75,505	\$ 25,365,150	0.11%
DOLLAR TREE INC	246,079	\$ 25,287,078	0.10%
AUTODESK INC	227,737	\$ 24,982,749	0.10%
WILLIAMS COS INC	858,876	\$ 24,950,348	0.10%
DIGITAL REALTY TRUST INC REIT	212,593	\$ 24,809,603	0.10%
VF CORP	339,442	\$ 24,765,688	0.10%
TYSON FOODS INC	300,544	\$ 24,719,744	0.10%
ZIMMER BIOMET HOLDINGS INC	210,079	\$ 24,600,251	0.10%
INTERNATIONAL PAPER CO	428,992	\$ 24,285,237	0.10%
WESTERN DIGITAL CORP	306,371	\$ 24,160,417	0.10%
KROGER CO	932,326	\$ 24,109,950	0.10%
DOLLAR GENERAL CORP	270,670	\$ 23,840,614	0.10%
HEWLETT PACKARD ENTERPRIS	1,706,663	\$ 23,807,949	0.10%
VENTAS INC REIT	370,034	\$ 23,685,876	0.10%
FORTIVE CORPORATION	316,884	\$ 23,655,391	0.10%
RED HAT INC	184,379	\$ 23,371,882	0.10%
FIFTH THIRD BANCORP	765,446	\$ 23,353,757	0.10%
ARCHER-DANIELS-MIDLAND CO	584,476	\$ 23,308,903	0.10%
CERNER CORP	327,284	\$ 23,135,706	0.10%
AGILENT TECHNOLOGIES INC	333,864	\$ 23,116,743	0.10%
INGERSOLL-RAND CO LTD	263,557	\$ 23,092,864	0.10%
WEC ENERGY GROUP INC	327,881	\$ 22,784,451	0.10%
AMERICAN AIRLINES GROUP INC	450,335	\$ 22,737,414	0.09%
WILLIS TOWERS WATSON PLC	139,524	\$ 22,435,442	0.09%
PAYCHEX INC	332,332	\$ 22,369,267	0.09%
ROCKWELL COLLINS INC	168,810	\$ 22,335,251	0.09%
ROYAL CARIBBEAN CRUISES LTD	178,768	\$ 22,145,780	0.09%
NORTHERN TRUST CORP	223,150	\$ 21,819,607	0.09%
HARTFORD FINANCIAL SERVICES GR	378,502	\$ 21,741,155	0.09%
CONCHO RESOURCES INC	154,510	\$ 21,609,769	0.09%



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O'REILLY AUTOMOTIVE INC	91,448	\$ 21,600,932	0.09%
DTE ENERGY CO	186,380	\$ 21,539,937	0.09%
KEYCORP	1,129,939	\$ 21,446,242	0.09%
EVERSOURCE ENERGY COM	329,239	\$ 21,351,149	0.09%
SBA COMMUNICATIONS CORP	125,049	\$ 21,227,068	0.09%
CBS CORP	378,247	\$ 21,204,527	0.09%
CITIZENS FINANCIAL GROUP INC	520,188	\$ 21,171,652	0.09%
DEVON ENERGY CORP	546,194	\$ 21,044,855	0.09%
MICROCHIP TECHNOLOGY INC	241,801	\$ 21,034,269	0.09%
REGIONS FINANCIAL CORP	1,241,667	\$ 20,599,256	0.09%
NEWMONT MINING CORP	554,020	\$ 20,493,200	0.09%
ONEOK INC	394,708	\$ 20,485,345	0.09%
MYLAN INC	557,187	\$ 20,354,041	0.08%
BOSTON PROPERTIES INC REIT	160,335	\$ 20,102,802	0.08%
AUTOZONE INC	29,123	\$ 20,000,511	0.08%
SKYWORKS SOLUTIONS INC	190,903	\$ 19,995,180	0.08%
ALIGN TECHNOLOGY	74,948	\$ 19,552,434	0.08%
CARDINAL HEALTH INC	328,790	\$ 19,461,080	0.08%
FREEPORT MCMORAN INC	1,397,988	\$ 19,459,993	0.08%
NUCOR CORP	331,879	\$ 19,083,043	0.08%
CLOROX COMPANY	134,101	\$ 18,678,928	0.08%
MOHAWK INDUSTRIES INC	65,650	\$ 18,553,347	0.08%
SYMANTEC CORP	638,496	\$ 18,497,229	0.08%
MGM RESORTS INTERNATIONAL	537,853	\$ 18,351,544	0.08%
CENTENE CORP	179,200	\$ 18,294,528	0.08%
DR HORTON INC	353,875	\$ 18,047,625	0.08%
HARRIS CORP	124,432	\$ 17,980,424	0.07%
XILINX INC	258,293	\$ 17,953,946	0.07%
LINCOLN NATIONAL CORP	230,164	\$ 17,619,054	0.07%
INCYTE CORP LTD	177,392	\$ 17,560,034	0.07%
AMETEK INC	239,793	\$ 17,430,553	0.07%
VULCAN MATERIALS CO	137,432	\$ 17,268,331	0.07%
OMNICOM GROUP INC	239,750	\$ 17,127,740	0.07%
KELLOGG CO	258,184	\$ 17,081,453	0.07%
DR PEPPER SNAPPLE GROUP INC	188,810	\$ 17,028,774	0.07%
UAL CORP	268,673	\$ 17,012,374	0.07%



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AMERICAN WATER WORKS CO INC	185,233	\$ 16,959,933	0.07%
ESSEX PROPERTY TRUST INC REIT	68,562	\$ 16,934,128	0.07%
IHS MARKIT LTD	377,431	\$ 16,840,971	0.07%
METTLER TOLEDO INTERNATIONAL I	26,669	\$ 16,780,401	0.07%
LABORATORY CORP OF AMERICA HOL	105,768	\$ 16,739,901	0.07%
KLA-TENCOR CORP	162,955	\$ 16,660,519	0.07%
APACHE CORP	395,784	\$ 16,555,645	0.07%
WESTROCK CO	263,903	\$ 16,470,186	0.07%
HILTON INC	212,217	\$ 16,459,551	0.07%
BEST BUY CO INC	275,661	\$ 16,432,152	0.07%
WATERS CORP	82,935	\$ 16,352,294	0.07%
HUNTINGTON BANCSHARES INC/OH	1,132,508	\$ 16,308,115	0.07%
HERSHEY CO	146,816	\$ 16,286,299	0.07%
L3 COMMUNICATIONS CORP	81,267	\$ 16,138,814	0.07%
ENTERGY CORP	186,519	\$ 16,130,163	0.07%
AMEREN CORP	252,095	\$ 16,123,996	0.07%
CONAGRA FOODS INC	431,858	\$ 16,121,259	0.07%
IQVIA HOLDINGS INC	157,478	\$ 16,064,331	0.07%
DENTSPLY SIRONA INC	238,450	\$ 15,978,535	0.07%
GLOBAL PAYMENTS INC	158,429	\$ 15,931,620	0.07%
MOTOROLA SOLUTIONS INC	168,995	\$ 15,904,119	0.07%
NETAPP INC	280,274	\$ 15,838,284	0.07%
ANDEAVOR	149,978	\$ 15,818,180	0.07%
DOVER CORP	161,739	\$ 15,803,518	0.07%
NEWELL BRANDS INC	509,206	\$ 15,770,110	0.07%
FIRSTENERGY CORP	461,624	\$ 15,759,843	0.07%
REALTY INCOME CORP REIT	284,760	\$ 15,747,228	0.07%
FASTENAL CO	299,204	\$ 15,675,298	0.07%
VERISK ANALYTICS INC	161,479	\$ 15,569,805	0.06%
EXPEDIA INC	126,940	\$ 15,550,150	0.06%
REPUBLIC SERVICES INC	237,926	\$ 15,450,914	0.06%
ALBEMARLE CORP	114,781	\$ 15,417,384	0.06%
TEXTRON INC	275,034	\$ 15,322,144	0.06%
INVESCO LTD	422,718	\$ 15,289,710	0.06%
GGP INC	648,683	\$ 15,244,051	0.06%
COMERICA INC	182,769	\$ 15,226,485	0.06%

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
HOST HOTELS & RESORTS INC REIT	768,901	\$ 15,216,551	0.06%
MOLSON COORS BREWING CO	191,893	\$ 14,986,843	0.06%
EQT CORP	249,148	\$ 14,849,221	0.06%
FRANKLIN RESOURCES INC	341,871	\$ 14,820,108	0.06%
CENTURYTEL INC	1,009,531	\$ 14,729,057	0.06%
CMS ENERGY CORP	293,008	\$ 14,621,099	0.06%
BALL CORP	365,499	\$ 14,587,065	0.06%
LIMITED BRANDS INC	259,283	\$ 14,537,998	0.06%
CBOE HOLDINGS INC	117,174	\$ 14,462,787	0.06%
LOEWS CORP	286,773	\$ 14,418,946	0.06%
AMERISOURCEBERGEN CORP	168,464	\$ 14,289,116	0.06%
EQUIFAX INC	125,066	\$ 14,272,532	0.06%
TRANSDIGM GROUP INC	50,159	\$ 14,234,623	0.06%
TWENTY FIRST CENTURY FOX-B	456,307	\$ 14,213,963	0.06%
MASCO CORP	331,014	\$ 14,203,811	0.06%
GENUINE PARTS CO	152,556	\$ 14,183,131	0.06%
IDEXX LABORATORIES INC	90,678	\$ 14,182,946	0.06%
SYNOPSYS INC	156,095	\$ 14,107,866	0.06%
UNITED RENTALS INC	87,807	\$ 14,003,460	0.06%
CINTAS CORP	88,732	\$ 13,969,966	0.06%
QUEST DIAGNOSTICS INC	141,724	\$ 13,954,145	0.06%
CABOT OIL & GAS CORP	480,523	\$ 13,911,141	0.06%
VORNADO REALTY TRUST REIT	179,135	\$ 13,904,459	0.06%
EASTMAN CHEMICAL CO	150,528	\$ 13,904,271	0.06%
SMUCKER JM CO/THE	118,013	\$ 13,768,577	0.06%
E TRADE FINANCIAL CORP	285,778	\$ 13,757,353	0.06%
MARTIN MARIETTA MATERIALS INC	65,289	\$ 13,605,575	0.06%
CBRE GROUP INC	312,487	\$ 13,549,436	0.06%
ULTA BEAUTY INC	60,634	\$ 13,443,164	0.06%
CENTERPOINT ENERGY INC	447,826	\$ 13,439,258	0.06%
NOBLE ENERGY INC	505,512	\$ 13,294,966	0.06%
UNUM GROUP	234,482	\$ 13,276,371	0.06%
LENNAR CORP	211,112	\$ 13,253,611	0.06%
NATIONAL OILWELL VARCO INC	394,857	\$ 13,247,452	0.05%
BAKER HUGHES A GE CO LLC	444,717	\$ 13,221,436	0.05%
FMC CORP	139,358	\$ 13,155,395	0.05%

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
WYNN RESORTS LTD	83,120	\$ 13,139,610	0.05 %
CARMAX INC	190,392	\$ 13,119,913	0.05 %
MARATHON OIL CORP	883,126	\$ 13,105,590	0.05 %
CITRIX SYSTEMS INC	149,547	\$ 13,104,804	0.05 %
TECHNIPFMC LTD	456,309	\$ 13,068,690	0.05 %
ANSYS INC	88,065	\$ 13,050,352	0.05 %
TOTAL SYSTEM SERVICES INC	174,193	\$ 12,952,991	0.05 %
XYLWM INC	186,568	\$ 12,936,625	0.05 %
HCP INC REIT	487,244	\$ 12,882,731	0.05 %
HESS CORP	280,763	\$ 12,881,406	0.05 %
NIELSEN HOLDINGS PLC	348,958	\$ 12,813,738	0.05 %
CADENCE DESIGN SYSTEMS INC	291,124	\$ 12,783,255	0.05 %
WHIRLPOOL CORP	75,824	\$ 12,781,652	0.05 %
INTERNATIONAL FLAVORS & FRAGRA	82,050	\$ 12,753,852	0.05 %
LKQ CORP	320,901	\$ 12,649,917	0.05 %
CH ROBINSON WORLDWIDE INC	145,797	\$ 12,633,310	0.05 %
MCCORMICK & CO INC	123,550	\$ 12,624,339	0.05 %
RESMED INC	147,753	\$ 12,618,106	0.05 %
ALEXANDRIA REAL ESTATE EQUITIE REIT	97,277	\$ 12,360,016	0.05 %
GALLAGHER ARTHUR J & CO	187,188	\$ 12,322,586	0.05 %
KANSAS CITY SOUTHERN	109,531	\$ 12,282,806	0.05 %
COOPER COS INC/THE	50,762	\$ 12,242,779	0.05 %
TAPESTRY INC	293,601	\$ 12,240,226	0.05 %
PENTAIR INC	171,585	\$ 12,209,989	0.05 %
CHURCH & DWIGHT CO INC	259,236	\$ 12,207,423	0.05 %
BROWN-FORMAN CORP	203,456	\$ 12,166,669	0.05 %
EXPEDITORS INTERNATIONAL OF WA	187,784	\$ 12,164,648	0.05 %
HOLOGIC INC	291,407	\$ 12,157,500	0.05 %
MID-AMERICA APARTMENT COMMUNIT REIT	118,038	\$ 12,091,813	0.05 %
GRAINGER WW INC	54,545	\$ 12,071,354	0.05 %
PERRIGO CO	137,799	\$ 12,017,451	0.05 %
WYNDHAM WORLDWIDE CORP	106,794	\$ 12,002,578	0.05 %
ALLIANCE DATA SYSTEMS CORP	50,152	\$ 11,999,869	0.05 %
DISH NETWORK CORP	236,553	\$ 11,981,409	0.05 %
SCHEIN HENRY INC	164,843	\$ 11,778,032	0.05 %
RAYMOND JAMES FINANCIAL INC	133,331	\$ 11,773,127	0.05 %

# LargeCap S&P 500 Index Separate Account

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SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
PACKAGING CORP OF AMERICA	98,030	\$ 11,626,358	0.05 %
CINCINNATI FINANCIAL CORP	155,041	\$ 11,586,214	0.05 %
AFFILIATED MANAGERS GROUP INC	58,141	\$ 11,550,872	0.05 %
SEAGATE TECHNOLOGY	299,051	\$ 11,531,407	0.05 %
CIMAREX ENERGY CO	98,993	\$ 11,494,077	0.05 %
BORGWARNER INC	206,134	\$ 11,477,541	0.05 %
GARTNER INC	94,130	\$ 11,379,376	0.05 %
IRON MOUNTAIN INC NEW COM	274,698	\$ 11,226,907	0.05 %
EXTRA SPACE STORAGE INC REIT	130,822	\$ 11,166,966	0.05 %
HASBRO INC	118,262	\$ 11,000,731	0.05 %
DARDEN RESTAURANTS INC	130,238	\$ 10,981,668	0.05 %
JUNIPER NETWORKS INC	395,134	\$ 10,968,920	0.05 %
FORTUNE BRANDS HOME & SECURITY	160,015	\$ 10,948,226	0.05 %
UDR INC REIT	278,004	\$ 10,933,897	0.05 %
CA INC	328,269	\$ 10,855,856	0.05 %
ALLIANT ENERGY CORP	240,070	\$ 10,829,558	0.04 %
PVH CORP	80,444	\$ 10,823,740	0.04 %
ARCONIC INC	439,076	\$ 10,805,660	0.04 %
VARIAN MEDICAL SYSTEMS INC	95,381	\$ 10,658,827	0.04 %
PINNACLE WEST CAPITAL CORP	115,978	\$ 10,647,940	0.04 %
SL GREEN REALTY CORP REIT	102,827	\$ 10,512,004	0.04 %
AVERY DENNISON CORP	91,834	\$ 10,480,096	0.04 %
REGENCY CENTERS CORP REIT	153,736	\$ 10,424,838	0.04 %
ZIONS BANCORPORATION	210,054	\$ 10,408,176	0.04 %
XL GROUP LTD	268,000	\$ 10,403,760	0.04 %
DUKE REALTY CORP REIT	369,600	\$ 10,396,848	0.04 %
VIACOM INC	366,468	\$ 10,378,374	0.04 %
VERISIGN INC	89,283	\$ 10,276,473	0.04 %
HORMEL FOODS CORP	280,070	\$ 10,208,552	0.04 %
SNAP-ON INC	59,828	\$ 10,136,658	0.04 %
QORVO INC	132,230	\$ 10,126,173	0.04 %
TIFFANY & CO	106,081	\$ 10,024,655	0.04 %
NORWEGIAN CRUISE LINE HOLDIN	184,904	\$ 10,014,401	0.04 %
TORCHMARK CORP	112,396	\$ 9,986,385	0.04 %
UNIVERSAL HEALTH SERVICES INC	91,822	\$ 9,948,914	0.04 %
CAMPBELL SOUP CO	201,523	\$ 9,935,084	0.04 %

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
AKAMAI TECHNOLOGIES INC	178,106	\$ 9,934,753	0.04%
FEDERAL REALTY INVESTMENT TRUS REIT	75,073	\$ 9,925,401	0.04%
HUNT JB TRANSPORT SERVICES	88,688	\$ 9,856,784	0.04%
PULTE HOMES INC	288,393	\$ 9,842,853	0.04%
DAVITA INC	158,923	\$ 9,703,838	0.04%
SMITH AO CORP	152,130	\$ 9,648,085	0.04%
NASDAQ INC	121,309	\$ 9,602,820	0.04%
WESTERN UNION CO	482,083	\$ 9,492,214	0.04%
EVEREST RE GROUP LTD	42,670	\$ 9,370,332	0.04%
NISOURCE INC	338,574	\$ 9,320,942	0.04%
MICHAEL KORS HOLDINGS LTD	157,522	\$ 9,205,586	0.04%
ADVANCED MICRO DEVICES INC	836,135	\$ 9,105,510	0.04%
CF INDUSTRIES HOLDINGS INC	242,340	\$ 9,080,480	0.04%
SEALED AIR CORP	187,422	\$ 9,005,627	0.04%
TRACTOR SUPPLY CO	131,635	\$ 8,982,772	0.04%
HARLEY-DAVIDSON INC	177,246	\$ 8,897,749	0.04%
ALASKA AIR GROUP INC	128,341	\$ 8,877,347	0.04%
F5 NETWORKS INC	66,025	\$ 8,860,555	0.04%
MOSAIC CO/THE	364,701	\$ 8,858,587	0.04%
LEUCADIA NATIONAL CORP	328,984	\$ 8,655,569	0.04%
NRG ENERGY INC	312,358	\$ 8,636,699	0.04%
GOODYEAR TIRE & RUBBER CO/THE	261,579	\$ 8,467,312	0.04%
COTY INC	490,060	\$ 8,443,734	0.04%
PERKINELMER INC	114,513	\$ 8,437,318	0.04%
KOHL'S CORP	175,152	\$ 8,402,041	0.03%
ALLEGION PLC	98,688	\$ 8,303,608	0.03%
JACOBS ENGINEERING GROUP INC	125,006	\$ 8,204,144	0.03%
KIMCO REALTY CORP	442,248	\$ 8,190,433	0.03%
SCRIPPS NETWORKS INTERACTIVE I	99,704	\$ 8,159,775	0.03%
INTERPUBLIC GROUP OF COS INC	408,600	\$ 8,082,108	0.03%
CHIPOTLE MEXICAN GRILL INC	26,069	\$ 7,935,143	0.03%
HANESBRANDS INC	378,688	\$ 7,910,792	0.03%
ADVANCE AUTO PARTS INC	76,744	\$ 7,751,144	0.03%
MACY'S INC	316,432	\$ 7,531,082	0.03%
ACUITY BRANDS INC	43,734	\$ 7,496,882	0.03%
ROBERT HALF INTERNATIONAL INC	131,104	\$ 7,478,172	0.03%

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



SCHEDULE OF INVESTMENTS			
SECURITY	SHARES	MARKET VALUE	% OF ASSETS
GAP INC	228,171	\$ 7,372,205	0.03%
MACERICH CO REIT	113,135	\$ 7,325,491	0.03%
AES CORP	685,996	\$ 7,257,838	0.03%
APARTMENT INVESTMENT & MANAGEM REIT	163,144	\$ 7,193,019	0.03%
GARMIN LTD	115,292	\$ 7,157,327	0.03%
FLUOR CORP	145,353	\$ 7,036,539	0.03%
PEOPLE'S UNITED FINANCIAL INC	357,770	\$ 6,804,785	0.03%
FLIR SYSTEMS INC	142,545	\$ 6,639,746	0.03%
LEGGETT & PLATT INC	137,443	\$ 6,630,250	0.03%
HELMERICH & PAYNE INC	112,815	\$ 6,608,703	0.03%
XEROX CORP	221,806	\$ 6,578,766	0.03%
MATTEL INC	356,086	\$ 6,498,570	0.03%
NEWS CORP - CLASS A	397,079	\$ 6,416,797	0.03%
SCANA CORP	148,489	\$ 6,410,270	0.03%
NEWFIELD EXPLORATION CO	206,961	\$ 6,401,304	0.03%
QUANTA SERVICES INC	157,079	\$ 5,953,294	0.02%
STERICYCLE INC	88,666	\$ 5,879,442	0.02%
BRIGHTHOUSE FINANCIAL INC	99,555	\$ 5,852,838	0.02%
FLOWSERVE CORP	135,730	\$ 5,779,383	0.02%
BLOCK H&R INC	217,207	\$ 5,686,479	0.02%
ASSURANT INC	55,989	\$ 5,647,610	0.02%
FOOT LOCKER INC	128,833	\$ 5,519,206	0.02%
NORDSTROM INC	120,905	\$ 5,495,132	0.02%
RALPH LAUREN CORP	57,541	\$ 5,475,026	0.02%
CSRA INC	169,848	\$ 4,913,703	0.02%
RANGE RESOURCES CORP	234,603	\$ 4,227,546	0.02%
ENVISION HEALTHCARE CORP	125,538	\$ 4,008,428	0.02%
TRIPADVISOR INC	112,543	\$ 3,896,239	0.02%
CHESAPEAKE ENERGY CORP	943,467	\$ 3,839,911	0.02%
DISCOVERY COMMUNICATIONS INC	211,149	\$ 3,817,574	0.02%
NAVIENT CORP	284,791	\$ 3,591,215	0.02%
SIGNET JEWELERS LTD	62,819	\$ 3,284,806	0.01%
PATTERSON COS INC	85,579	\$ 3,127,912	0.01%
DISCOVERY COMMUNICATIONS INC	159,934	\$ 3,041,945	0.01%
ISHARES TR IBOXX INV CP ETF	10,832	\$ 2,890,952	0.01%
UNDER ARMOUR INC	192,162	\$ 2,553,833	0.01%

# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



<b>SCHEDULE OF INVESTMENTS</b>			
<b>SECURITY</b>	<b>SHARES</b>	<b>MARKET VALUE</b>	<b>% OF ASSETS</b>
UNDER ARMOUR INC	193,392	\$ 2,307,167	0.01 %
NEWS CORP - CLASS A	126,522	\$ 2,074,961	0.01 %
LENNAR CORP	1	\$ 36	0.00 %
<b>TOTAL MARKET VALUE</b>		<b>\$ 23,547,886,180</b>	<b>97.74%</b>
<b>CASH AND OTHER</b>		<b>\$ 545,695,287</b>	<b>2.26%</b>
<b>TOTAL PORTFOLIO</b>		<b>\$ 24,093,581,467</b>	<b>100.00%</b>



# LargeCap S&P 500 Index Separate Account

As of November 30, 2017



Each index-based investment option is invested in the stocks or bonds of the index it tracks. Performance of indexes reflects the unmanaged result for the market segment the selected stocks or bonds represent. There is no assurance an index-based investment option will match the performance of the index tracked.

Portfolio holdings may not reflect the current portfolio composition. The holdings listed do not constitute a recommendation to purchase or sell a particular security.

Separate Accounts are available through a group annuity contract with Principal Life Insurance Company. Insurance products and plan administrative, if applicable, services are provided by Principal Life Insurance Company, a member of Principal Financial Group, Des Moines, IA 50392. See the fact sheet for the full name of the Separate Account. Certain investment options may not be available in all states or U.S. commonwealths. Principal Life Insurance Company reserves the right to defer payments or transfers from Principal Life Separate Accounts as described in the group annuity contracts providing access to the Separate Accounts or as required by applicable law. Such deferment will be based on factors that may include situations such as: unstable or disorderly financial markets; investment conditions which do not allow for orderly investment transactions; or investment, liquidity, and other risks inherent in real estate (such as those associated with general and local economic conditions). If you elect to allocate funds to a Separate Account, you may not be able to immediately withdraw them.

Before directing retirement funds to a separate account, investors should carefully consider the investment objectives, risks, charges and expenses of the separate account as well as their individual risk tolerance, time horizon and goals. For additional information contact us at 1-800-547-7754 or by visiting [principal.com](http://principal.com).

An investment option's unit value and investment return will vary with market conditions, and the principal value of an investment when you sell your shares may be more or less than the original cost.

Information is current as of the creation of this piece. Keep in mind that portfolio holdings are subject to risk.