

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	DOMINION RESOURCES INC/A	\$ 1,009,219	14,111	0.23	0	
MML EQUITY INDEX FD	EQUITY	EASTMAN CHEMICAL CO	\$ 323,806	3,707	0.08	0	
MML EQUITY INDEX FD	EQUITY	ENTERGY CORP	\$ 352,905	4,299	0.08	0	
MML EQUITY INDEX FD	EQUITY	LOCKHEED MARTIN CORP	\$ 1,046,513	6,511	0.24	0	
MML EQUITY INDEX FD	EQUITY	DARDEN RESTAURANTS INC	\$ 147,694	3,192	0.03	0	
MML EQUITY INDEX FD	EQUITY	PERKINELMER INC	\$ 131,293	2,803	0.03	0	
MML EQUITY INDEX FD	EQUITY	ROPER INDUSTRIES INC	\$ 356,556	2,442	0.08	0	
MML EQUITY INDEX FD	EQUITY	AGL RESOURCES INC	\$ 164,265	2,985	0.04	0	
MML EQUITY INDEX FD	EQUITY	ALLSTATE CORP	\$ 620,494	10,567	0.14	0	
MML EQUITY INDEX FD	EQUITY	AMEREN CORPORATION	\$ 239,189	5,851	0.06	0	
MML EQUITY INDEX FD	EQUITY	AMERICAN ELECTRIC POWER	\$ 663,328	11,894	0.15	0	
MML EQUITY INDEX FD	EQUITY	APACHE CORP	\$ 943,212	9,374	0.22	0	
MML EQUITY INDEX FD	EQUITY	ARCHER DANIELS MIDLAND CO	\$ 703,334	15,945	0.16	0	
MML EQUITY INDEX FD	EQUITY	CMS ENERGY CORP	\$ 205,715	6,604	0.05	0	
MML EQUITY INDEX FD	EQUITY	EDISON INTERNATIONAL	\$ 463,369	7,974	0.11	0	
MML EQUITY INDEX FD	EQUITY	LINCOLN NATIONAL CORP	\$ 326,541	6,348	0.08	0	
MML EQUITY INDEX FD	EQUITY	LOEWS CORP	\$ 330,075	7,500	0.08	0	
MML EQUITY INDEX FD	EQUITY	NISOURCE INC	\$ 299,574	7,615	0.07	0	
MML EQUITY INDEX FD	EQUITY	ONEOK INC	\$ 347,685	5,107	0.08	0	
MML EQUITY INDEX FD	EQUITY	PINNACLE WEST CAPITAL	\$ 156,168	2,700	0.04	0	
MML EQUITY INDEX FD	EQUITY	SOUTHERN CO/THE	\$ 983,929	21,682	0.23	0	
MML EQUITY INDEX FD	EQUITY	TECO ENERGY INC	\$ 90,959	4,922	0.02	0	
MML EQUITY INDEX FD	EQUITY	UNUM GROUP	\$ 217,876	6,268	0.05	0	
MML EQUITY INDEX FD	EQUITY	SOUTHWESTERN ENERGY CO	\$ 386,801	8,503	0.09	0	
MML EQUITY INDEX FD	EQUITY	NEWMONT MINING CORP	\$ 310,088	12,189	0.07	0	
MML EQUITY INDEX FD	EQUITY	FIFTH THIRD BANCORP	\$ 440,493	20,632	0.10	0	
MML EQUITY INDEX FD	EQUITY	FREEMONT MCMORAN INC	\$ 921,187	25,238	0.21	0	
MML EQUITY INDEX FD	EQUITY	BB+T CORP	\$ 689,000	17,474	0.16	0	
MML EQUITY INDEX FD	EQUITY	COMERICA INC	\$ 218,848	4,363	0.05	0	
MML EQUITY INDEX FD	EQUITY	VENTAS INC	\$ 456,136	7,116	0.11	0	
MML EQUITY INDEX FD	EQUITY	RED HAT INC	\$ 256,066	4,633	0.06	0	
MML EQUITY INDEX FD	EQUITY	F5 NETWORKS INC	\$ 204,158	1,832	0.05	0	
MML EQUITY INDEX FD	EQUITY	PLUM CREEK TIMBER CO	\$ 194,697	4,317	0.05	0	
MML EQUITY INDEX FD	EQUITY	INTUIT INC	\$ 560,006	6,954	0.13	0	
MML EQUITY INDEX FD	EQUITY	WHOLE FOODS MARKET INC	\$ 341,142	8,831	0.08	0	
MML EQUITY INDEX FD	EQUITY	BEMIS COMPANY	\$ 98,560	2,424	0.02	0	
MML EQUITY INDEX FD	EQUITY	MOHAWK INDUSTRIES INC	\$ 206,403	1,492	0.05	0	
MML EQUITY INDEX FD	EQUITY	CINTAS CORP	\$ 160,756	2,530	0.04	0	
MML EQUITY INDEX FD	EQUITY	ROBERT HALF INTL INC	\$ 159,117	3,333	0.04	0	
MML EQUITY INDEX FD	EQUITY	FASTENAL CO	\$ 325,001	6,567	0.08	0	
MML EQUITY INDEX FD	EQUITY	L 3 COMMUNICATIONS HOLDINGS	\$ 249,228	2,064	0.06	0	
MML EQUITY INDEX FD	EQUITY	EBAY INC	\$ 1,387,613	27,719	0.32	0	
MML EQUITY INDEX FD	EQUITY	BROWN FORMAN CORP CLASS B	\$ 373,102	3,962	0.09	0	
MML EQUITY INDEX FD	EQUITY	BORGWARNER INC	\$ 361,544	5,546	0.08	0	
MML EQUITY INDEX FD	EQUITY	EOG RESOURCES INC	\$ 1,551,901	13,280	0.36	0	
MML EQUITY INDEX FD	EQUITY	LEUCADIA NATIONAL CORP	\$ 201,422	7,682	0.05	0	
MML EQUITY INDEX FD	EQUITY	HUNTINGTON BANCSHARES INC	\$ 194,807	20,420	0.05	0	
MML EQUITY INDEX FD	EQUITY	STRYKER CORP	\$ 604,996	7,175	0.14	0	
MML EQUITY INDEX FD	EQUITY	ESTEE LAUDER COMPANIES CL A	\$ 453,060	6,101	0.10	0	
MML EQUITY INDEX FD	EQUITY	CITRIX SYSTEMS INC	\$ 248,073	3,966	0.06	0	
MML EQUITY INDEX FD	EQUITY	NORTHERN TRUST CORP	\$ 351,678	5,477	0.08	0	
MML EQUITY INDEX FD	EQUITY	NORDSTROM INC	\$ 235,174	3,462	0.05	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	KELLOGG CO	\$ 406,026	6,180	0.09	0	
MML EQUITY INDEX FD	EQUITY	M + T BANK CORP	\$ 394,231	3,178	0.09	0	
MML EQUITY INDEX FD	EQUITY	EXPEDITORS INTL WASH INC	\$ 211,085	4,780	0.05	0	
MML EQUITY INDEX FD	EQUITY	HUDSON CITY BANCORP INC	\$ 118,058	12,010	0.03	0	
MML EQUITY INDEX FD	EQUITY	DENBURY RESOURCES INC	\$ 158,387	8,580	0.04	0	
MML EQUITY INDEX FD	EQUITY	CONSOL ENERGY INC	\$ 252,970	5,491	0.06	0	
MML EQUITY INDEX FD	EQUITY	TOTAL SYSTEM SERVICES INC	\$ 123,127	3,920	0.03	0	
MML EQUITY INDEX FD	EQUITY	AMGEN INC	\$ 2,179,428	18,412	0.50	0	
MML EQUITY INDEX FD	EQUITY	APPLE INC	\$ 13,621,679	146,580	3.16	0	
MML EQUITY INDEX FD	EQUITY	BEST BUY CO INC	\$ 205,286	6,620	0.05	0	
MML EQUITY INDEX FD	EQUITY	APPLIED MATERIALS INC	\$ 671,336	29,771	0.16	0	
MML EQUITY INDEX FD	EQUITY	CABOT OIL + GAS CORP	\$ 349,457	10,236	0.08	0	
MML EQUITY INDEX FD	EQUITY	CELGENE CORP	\$ 1,672,599	19,476	0.39	0	
MML EQUITY INDEX FD	EQUITY	CERNER CORP	\$ 366,631	7,108	0.08	0	
MML EQUITY INDEX FD	EQUITY	COGNIZANT TECH SOLUTIONS A	\$ 728,368	14,892	0.17	0	
MML EQUITY INDEX FD	EQUITY	FLIR SYSTEMS INC	\$ 120,652	3,474	0.03	0	
MML EQUITY INDEX FD	EQUITY	FLOWSERVE CORP	\$ 249,667	3,358	0.06	0	
MML EQUITY INDEX FD	EQUITY	IRON MOUNTAIN INC	\$ 147,153	4,151	0.03	0	
MML EQUITY INDEX FD	EQUITY	STERICYCLE INC	\$ 241,932	2,043	0.06	0	
MML EQUITY INDEX FD	EQUITY	URBAN OUTFITTERS INC	\$ 82,788	2,445	0.02	0	
MML EQUITY INDEX FD	EQUITY	PETSMART INC	\$ 147,467	2,466	0.03	0	
MML EQUITY INDEX FD	EQUITY	PRECISION CASTPARTS CORP	\$ 890,720	3,529	0.21	0	
MML EQUITY INDEX FD	EQUITY	QUEST DIAGNOSTICS INC	\$ 203,126	3,461	0.05	0	
MML EQUITY INDEX FD	EQUITY	RANGE RESOURCES CORP	\$ 356,321	4,098	0.08	0	
MML EQUITY INDEX FD	EQUITY	REGENERON PHARMACEUTICALS	\$ 548,839	1,943	0.13	0	
MML EQUITY INDEX FD	EQUITY	TESORO CORP	\$ 181,818	3,099	0.04	0	
MML EQUITY INDEX FD	EQUITY	TRACTOR SUPPLY COMPANY	\$ 205,179	3,397	0.05	0	
MML EQUITY INDEX FD	EQUITY	AFFILIATED MANAGERS GROUP	\$ 276,058	1,344	0.06	0	
MML EQUITY INDEX FD	EQUITY	ALEXION PHARMACEUTICALS INC	\$ 751,406	4,809	0.17	0	
MML EQUITY INDEX FD	EQUITY	AMETEK INC	\$ 310,648	5,942	0.07	0	
MML EQUITY INDEX FD	EQUITY	NORFOLK SOUTHERN CORP	\$ 779,422	7,565	0.18	0	
MML EQUITY INDEX FD	EQUITY	NORTHEAST UTILITIES	\$ 361,143	7,640	0.08	0	
MML EQUITY INDEX FD	EQUITY	NORTHROP GRUMMAN CORP	\$ 618,726	5,172	0.14	0	
MML EQUITY INDEX FD	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 1,959,617	19,094	0.45	0	
MML EQUITY INDEX FD	EQUITY	OWENS ILLINOIS INC	\$ 138,837	4,008	0.03	0	
MML EQUITY INDEX FD	EQUITY	P G + E CORP	\$ 542,050	11,288	0.13	0	
MML EQUITY INDEX FD	EQUITY	PPL CORPORATION	\$ 546,700	15,387	0.13	0	
MML EQUITY INDEX FD	EQUITY	PIONEER NATURAL RESOURCES CO	\$ 798,590	3,475	0.19	0	
MML EQUITY INDEX FD	EQUITY	PUBLIC SERVICE ENTERPRISE GP	\$ 503,716	12,349	0.12	0	
MML EQUITY INDEX FD	EQUITY	PULTEGROUP INC	\$ 164,748	8,172	0.04	0	
MML EQUITY INDEX FD	EQUITY	FMC CORP	\$ 227,167	3,191	0.05	0	
MML EQUITY INDEX FD	EQUITY	FIRSTENERGY CORP	\$ 355,220	10,231	0.08	0	
MML EQUITY INDEX FD	EQUITY	GOODYEAR TIRE + RUBBER CO	\$ 185,265	6,669	0.04	0	
MML EQUITY INDEX FD	EQUITY	HELMERICH + PAYNE	\$ 306,182	2,637	0.07	0	
MML EQUITY INDEX FD	EQUITY	HUMANA INC	\$ 476,140	3,728	0.11	0	
MML EQUITY INDEX FD	EQUITY	INTERNATIONAL PAPER CO	\$ 527,109	10,444	0.12	0	
MML EQUITY INDEX FD	EQUITY	KEYCORP	\$ 310,359	21,658	0.07	0	
MML EQUITY INDEX FD	EQUITY	LAM RESEARCH CORP	\$ 267,820	3,963	0.06	0	
MML EQUITY INDEX FD	EQUITY	LENNAR CORP A	\$ 183,285	4,366	0.04	0	
MML EQUITY INDEX FD	EQUITY	RYDER SYSTEM INC	\$ 115,046	1,306	0.03	0	
MML EQUITY INDEX FD	EQUITY	SCANA CORP	\$ 182,954	3,400	0.04	0	
MML EQUITY INDEX FD	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 1,145,072	9,704	0.27	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	MARATHON OIL CORP	\$ 655,766	16,427	0.15	0	
MML EQUITY INDEX FD	EQUITY	UNION PACIFIC CORP	\$ 2,196,296	22,018	0.51	0	
MML EQUITY INDEX FD	EQUITY	VALERO ENERGY CORP	\$ 654,206	13,058	0.15	0	
MML EQUITY INDEX FD	EQUITY	WISCONSIN ENERGY CORP	\$ 261,063	5,564	0.06	0	
MML EQUITY INDEX FD	EQUITY	AIRGAS INC	\$ 181,771	1,669	0.04	0	
MML EQUITY INDEX FD	EQUITY	CHESAPEAKE ENERGY CORP	\$ 379,953	12,225	0.09	0	
MML EQUITY INDEX FD	EQUITY	HARMAN INTERNATIONAL	\$ 171,673	1,598	0.04	0	
MML EQUITY INDEX FD	EQUITY	SEMPRA ENERGY	\$ 581,036	5,549	0.13	0	
MML EQUITY INDEX FD	EQUITY	LEGG MASON INC	\$ 129,199	2,518	0.03	0	
MML EQUITY INDEX FD	EQUITY	PROGRESSIVE CORP	\$ 338,455	13,346	0.08	0	
MML EQUITY INDEX FD	EQUITY	AMAZON.COM INC	\$ 2,942,507	9,060	0.68	0	
MML EQUITY INDEX FD	EQUITY	MCKESSON CORP	\$ 1,044,079	5,607	0.24	0	
MML EQUITY INDEX FD	EQUITY	CSX CORP	\$ 750,193	24,349	0.17	0	
MML EQUITY INDEX FD	EQUITY	CINCINNATI FINANCIAL CORP	\$ 168,332	3,504	0.04	0	
MML EQUITY INDEX FD	EQUITY	CONSOLIDATED EDISON INC	\$ 413,823	7,167	0.10	0	
MML EQUITY INDEX FD	EQUITY	CUMMINS INC	\$ 640,612	4,152	0.15	0	
MML EQUITY INDEX FD	EQUITY	DR HORTON INC	\$ 175,108	7,124	0.04	0	
MML EQUITY INDEX FD	EQUITY	DTE ENERGY COMPANY	\$ 332,739	4,273	0.08	0	
MML EQUITY INDEX FD	EQUITY	DEVON ENERGY CORPORATION	\$ 744,454	9,376	0.17	0	
MML EQUITY INDEX FD	EQUITY	BAXTER INTERNATIONAL INC	\$ 954,505	13,202	0.22	0	
MML EQUITY INDEX FD	EQUITY	H+R BLOCK INC	\$ 228,405	6,814	0.05	0	
MML EQUITY INDEX FD	EQUITY	CHUBB CORP	\$ 546,845	5,933	0.13	0	
MML EQUITY INDEX FD	EQUITY	GENUINE PARTS CO	\$ 329,952	3,758	0.08	0	
MML EQUITY INDEX FD	EQUITY	INTL FLAVORS + FRAGRANCES	\$ 207,934	1,994	0.05	0	
MML EQUITY INDEX FD	EQUITY	KIMBERLY CLARK CORP	\$ 1,021,000	9,180	0.24	0	
MML EQUITY INDEX FD	EQUITY	MASCO CORP	\$ 194,694	8,770	0.05	0	
MML EQUITY INDEX FD	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 1,156,403	12,986	0.27	0	
MML EQUITY INDEX FD	EQUITY	ALLEGHENY TECHNOLOGIES INC	\$ 117,215	2,599	0.03	0	
MML EQUITY INDEX FD	EQUITY	BANK OF AMERICA CORP	\$ 3,930,739	255,741	0.91	0	
MML EQUITY INDEX FD	EQUITY	EMERSON ELECTRIC CO	\$ 1,134,557	17,097	0.26	0	
MML EQUITY INDEX FD	EQUITY	HARRIS CORP	\$ 199,450	2,633	0.05	0	
MML EQUITY INDEX FD	EQUITY	INTL BUSINESS MACHINES CORP	\$ 4,192,231	23,127	0.97	0	
MML EQUITY INDEX FD	EQUITY	PALL CORP	\$ 224,405	2,628	0.05	0	
MML EQUITY INDEX FD	CASH	US DOLLAR	\$ (17)	(17)	0.00	0	
MML EQUITY INDEX FD	EQUITY	ABBOTT LABORATORIES	\$ 1,493,545	36,517	0.35	0	
MML EQUITY INDEX FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 1,954,759	40,296	0.45	0	
MML EQUITY INDEX FD	EQUITY	DOW CHEMICAL CO/THE	\$ 1,506,234	29,270	0.35	0	
MML EQUITY INDEX FD	EQUITY	AMERICAN EXPRESS CO	\$ 2,098,335	22,118	0.49	0	
MML EQUITY INDEX FD	EQUITY	COCA COLA CO/THE	\$ 3,894,282	91,933	0.90	0	
MML EQUITY INDEX FD	EQUITY	MARRIOTT INTERNATIONAL CL A	\$ 339,410	5,295	0.08	0	
MML EQUITY INDEX FD	EQUITY	NIKE INC CL B	\$ 1,395,125	17,990	0.32	0	
MML EQUITY INDEX FD	EQUITY	ANALOG DEVICES INC	\$ 415,420	7,683	0.10	0	
MML EQUITY INDEX FD	EQUITY	BED BATH + BEYOND INC	\$ 284,490	4,958	0.07	0	
MML EQUITY INDEX FD	EQUITY	CARDINAL HEALTH INC	\$ 563,152	8,214	0.13	0	
MML EQUITY INDEX FD	EQUITY	COMPUTER SCIENCES CORP	\$ 222,527	3,521	0.05	0	
MML EQUITY INDEX FD	EQUITY	HARLEY DAVIDSON INC	\$ 368,319	5,273	0.09	0	
MML EQUITY INDEX FD	EQUITY	BOSTON SCIENTIFIC CORP	\$ 409,202	32,044	0.09	0	
MML EQUITY INDEX FD	EQUITY	CVS CAREMARK CORP	\$ 2,143,447	28,439	0.50	0	
MML EQUITY INDEX FD	EQUITY	CAPITAL ONE FINANCIAL CORP	\$ 1,143,680	13,846	0.26	0	
MML EQUITY INDEX FD	EQUITY	CISCO SYSTEMS INC	\$ 3,096,683	124,615	0.72	0	
MML EQUITY INDEX FD	EQUITY	VARIAN MEDICAL SYSTEMS INC	\$ 208,765	2,511	0.05	0	
MML EQUITY INDEX FD	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 537,593	5,678	0.12	0	

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As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	WESTERN DIGITAL CORP	\$ 468,423	5,075	0.11	0	
MML EQUITY INDEX FD	EQUITY	AMPHENOL CORP CL A	\$ 363,780	3,776	0.08	0	
MML EQUITY INDEX FD	EQUITY	APARTMENT INVT + MGMT CO A	\$ 111,428	3,453	0.03	0	
MML EQUITY INDEX FD	EQUITY	BALL CORP	\$ 206,907	3,301	0.05	0	
MML EQUITY INDEX FD	EQUITY	DENTSPLY INTERNATIONAL INC	\$ 167,051	3,528	0.04	0	
MML EQUITY INDEX FD	EQUITY	ESSEX PROPERTY TRUST INC	\$ 285,686	1,545	0.07	0	
MML EQUITY INDEX FD	EQUITY	GILEAD SCIENCES INC	\$ 3,095,611	37,337	0.72	0	
MML EQUITY INDEX FD	EQUITY	HEALTH CARE REIT INC	\$ 463,194	7,391	0.11	0	
MML EQUITY INDEX FD	EQUITY	MACERICH CO/THE	\$ 225,348	3,376	0.05	0	
MML EQUITY INDEX FD	EQUITY	NVIDIA CORP	\$ 248,455	13,401	0.06	0	
MML EQUITY INDEX FD	EQUITY	SANDISK CORP	\$ 575,618	5,512	0.13	0	
MML EQUITY INDEX FD	EQUITY	SYMANTEC CORP	\$ 386,323	16,870	0.09	0	
MML EQUITY INDEX FD	EQUITY	BECTON DICKINSON AND CO	\$ 559,441	4,729	0.13	0	
MML EQUITY INDEX FD	EQUITY	CENTURYLINK INC	\$ 505,026	13,951	0.12	0	
MML EQUITY INDEX FD	EQUITY	CLOROX COMPANY	\$ 286,448	3,134	0.07	0	
MML EQUITY INDEX FD	EQUITY	CONAGRA FOODS INC	\$ 305,081	10,279	0.07	0	
MML EQUITY INDEX FD	EQUITY	FRANKLIN RESOURCES INC	\$ 561,453	9,707	0.13	0	
MML EQUITY INDEX FD	EQUITY	GENERAL DYNAMICS CORP	\$ 927,621	7,959	0.21	0	
MML EQUITY INDEX FD	EQUITY	WALT DISNEY CO/THE	\$ 3,358,436	39,170	0.78	0	
MML EQUITY INDEX FD	EQUITY	EMC CORP/MA	\$ 1,311,074	49,775	0.30	0	
MML EQUITY INDEX FD	EQUITY	EXXON MOBIL CORP	\$ 10,510,589	104,396	2.44	0	
MML EQUITY INDEX FD	EQUITY	GAP INC/THE	\$ 267,545	6,436	0.06	0	
MML EQUITY INDEX FD	EQUITY	GENERAL ELECTRIC CO	\$ 6,407,800	243,828	1.48	0	
MML EQUITY INDEX FD	EQUITY	HEWLETT PACKARD CO	\$ 1,531,901	45,484	0.35	0	
MML EQUITY INDEX FD	EQUITY	HOME DEPOT INC	\$ 2,692,163	33,253	0.62	0	
MML EQUITY INDEX FD	EQUITY	MCGRAW HILL FINANCIAL INC	\$ 553,478	6,666	0.13	0	
MML EQUITY INDEX FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 1,773,672	19,082	0.41	0	
MML EQUITY INDEX FD	EQUITY	MYLAN INC	\$ 464,092	9,001	0.11	0	
MML EQUITY INDEX FD	EQUITY	PROCTER + GAMBLE CO/THE	\$ 5,170,358	65,789	1.20	0	
MML EQUITY INDEX FD	EQUITY	AES CORP	\$ 249,578	16,050	0.06	0	
MML EQUITY INDEX FD	EQUITY	ALCOA INC	\$ 421,997	28,341	0.10	0	
MML EQUITY INDEX FD	EQUITY	SCHWAB (CHARLES) CORP	\$ 768,448	28,535	0.18	0	
MML EQUITY INDEX FD	EQUITY	STAPLES INC	\$ 167,489	15,451	0.04	0	
MML EQUITY INDEX FD	EQUITY	SIGMA ALDRICH	\$ 295,916	2,916	0.07	0	
MML EQUITY INDEX FD	EQUITY	ADOBE SYSTEMS INC	\$ 813,037	11,236	0.19	0	
MML EQUITY INDEX FD	EQUITY	CR BARD INC	\$ 266,142	1,861	0.06	0	
MML EQUITY INDEX FD	EQUITY	FOREST LABORATORIES INC	\$ 573,804	5,796	0.13	0	
MML EQUITY INDEX FD	EQUITY	VORNADO REALTY TRUST	\$ 453,923	4,253	0.11	0	
MML EQUITY INDEX FD	EQUITY	ZIONS BANCORPORATION	\$ 130,257	4,420	0.03	0	
MML EQUITY INDEX FD	EQUITY	AVALONBAY COMMUNITIES INC	\$ 424,011	2,982	0.10	0	
MML EQUITY INDEX FD	EQUITY	BOSTON PROPERTIES INC	\$ 437,148	3,699	0.10	0	
MML EQUITY INDEX FD	EQUITY	EQUITY RESIDENTIAL	\$ 516,285	8,195	0.12	0	
MML EQUITY INDEX FD	EQUITY	HOST HOTELS + RESORTS INC	\$ 406,811	18,483	0.09	0	
MML EQUITY INDEX FD	EQUITY	PUBLIC STORAGE	\$ 608,464	3,551	0.14	0	
MML EQUITY INDEX FD	EQUITY	SIMON PROPERTY GROUP INC	\$ 1,259,737	7,576	0.29	0	
MML EQUITY INDEX FD	EQUITY	AIR PRODUCTS + CHEMICALS INC	\$ 665,737	5,176	0.15	0	
MML EQUITY INDEX FD	EQUITY	AUTOMATIC DATA PROCESSING	\$ 927,655	11,701	0.21	0	
MML EQUITY INDEX FD	EQUITY	KLA TENCOR CORPORATION	\$ 290,851	4,004	0.07	0	
MML EQUITY INDEX FD	EQUITY	CIGNA CORP	\$ 598,449	6,507	0.14	0	
MML EQUITY INDEX FD	EQUITY	CATERPILLAR INC	\$ 1,649,502	15,179	0.38	0	
MML EQUITY INDEX FD	EQUITY	COLGATE PALMOLIVE CO	\$ 1,441,802	21,147	0.33	0	
MML EQUITY INDEX FD	EQUITY	ECOLAB INC	\$ 727,496	6,534	0.17	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	GENERAL MILLS INC	\$ 784,790	14,937	0.18	0	
MML EQUITY INDEX FD	EQUITY	GOLDMAN SACHS GROUP INC	\$ 1,691,981	10,105	0.39	0	
MML EQUITY INDEX FD	EQUITY	PAYCHEX INC	\$ 326,495	7,856	0.08	0	
MML EQUITY INDEX FD	EQUITY	ROSS STORES INC	\$ 343,215	5,190	0.08	0	
MML EQUITY INDEX FD	EQUITY	SCHLUMBERGER LTD	\$ 3,731,584	31,637	0.86	0	
MML EQUITY INDEX FD	EQUITY	AUTOZONE INC	\$ 436,499	814	0.10	0	
MML EQUITY INDEX FD	EQUITY	AVERY DENNISON CORP	\$ 120,848	2,358	0.03	0	
MML EQUITY INDEX FD	EQUITY	BAKER HUGHES INC	\$ 787,681	10,580	0.18	0	
MML EQUITY INDEX FD	EQUITY	BOEING CO/THE	\$ 2,074,485	16,305	0.48	0	
MML EQUITY INDEX FD	EQUITY	CORNING INC	\$ 695,047	31,665	0.16	0	
MML EQUITY INDEX FD	EQUITY	INTERPUBLIC GROUP OF COS INC	\$ 199,080	10,204	0.05	0	
MML EQUITY INDEX FD	EQUITY	GANNETT CO	\$ 170,733	5,453	0.04	0	
MML EQUITY INDEX FD	EQUITY	ILLINOIS TOOL WORKS	\$ 809,667	9,247	0.19	0	
MML EQUITY INDEX FD	EQUITY	LOWE S COS INC	\$ 1,163,086	24,236	0.27	0	
MML EQUITY INDEX FD	EQUITY	MARSH + MCLENNAN COS	\$ 692,833	13,370	0.16	0	
MML EQUITY INDEX FD	EQUITY	NUCOR CORP	\$ 378,979	7,695	0.09	0	
MML EQUITY INDEX FD	EQUITY	SYSCO CORP	\$ 529,580	14,141	0.12	0	
MML EQUITY INDEX FD	EQUITY	TEXTRON INC	\$ 257,692	6,730	0.06	0	
MML EQUITY INDEX FD	EQUITY	XEROX CORP	\$ 334,723	26,907	0.08	0	
MML EQUITY INDEX FD	EQUITY	COSTCO WHOLESALE CORP	\$ 1,225,993	10,646	0.28	0	
MML EQUITY INDEX FD	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 1,458,658	22,290	0.34	0	
MML EQUITY INDEX FD	EQUITY	INTEL CORP	\$ 3,738,220	120,978	0.87	0	
MML EQUITY INDEX FD	EQUITY	JOHNSON + JOHNSON	\$ 7,197,333	68,795	1.67	0	
MML EQUITY INDEX FD	EQUITY	JOHNSON CONTROLS INC	\$ 802,924	16,081	0.19	0	
MML EQUITY INDEX FD	EQUITY	ELI LILLY + CO	\$ 1,492,142	24,001	0.35	0	
MML EQUITY INDEX FD	EQUITY	MCDONALD S CORP	\$ 2,425,517	24,077	0.56	0	
MML EQUITY INDEX FD	EQUITY	STATE STREET CORP	\$ 702,262	10,441	0.16	0	
MML EQUITY INDEX FD	EQUITY	TARGET CORP	\$ 892,662	15,404	0.21	0	
MML EQUITY INDEX FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 2,366,148	20,495	0.55	0	
MML EQUITY INDEX FD	EQUITY	WASTE MANAGEMENT INC	\$ 466,534	10,430	0.11	0	
MML EQUITY INDEX FD	EQUITY	WHIRLPOOL CORP	\$ 259,228	1,862	0.06	0	
MML EQUITY INDEX FD	EQUITY	MEDTRONIC INC	\$ 1,550,579	24,319	0.36	0	
MML EQUITY INDEX FD	EQUITY	MICROSOFT CORP	\$ 7,622,718	182,799	1.77	0	
MML EQUITY INDEX FD	EQUITY	MICRON TECHNOLOGY INC	\$ 856,766	26,002	0.20	0	
MML EQUITY INDEX FD	EQUITY	MORGAN STANLEY	\$ 1,097,345	33,942	0.25	0	
MML EQUITY INDEX FD	EQUITY	OMNICOM GROUP	\$ 449,398	6,310	0.10	0	
MML EQUITY INDEX FD	EQUITY	ORACLE CORP	\$ 3,381,256	83,426	0.78	0	
MML EQUITY INDEX FD	EQUITY	PFIZER INC W/D	\$ 4,603,487	155,104	1.07	0	
MML EQUITY INDEX FD	EQUITY	PRAXAIR INC	\$ 945,157	7,115	0.22	0	
MML EQUITY INDEX FD	EQUITY	SAFEWAY INC	\$ 191,789	5,585	0.04	0	
MML EQUITY INDEX FD	EQUITY	WAL MART STORES INC	\$ 2,939,366	39,155	0.68	0	
MML EQUITY INDEX FD	EQUITY	WATERS CORP	\$ 212,118	2,031	0.05	0	
MML EQUITY INDEX FD	EQUITY	WELLS FARGO + CO	\$ 6,124,291	116,520	1.42	0	
MML EQUITY INDEX FD	EQUITY	JM SMUCKER CO/THE	\$ 266,212	2,498	0.06	0	
MML EQUITY INDEX FD	EQUITY	NABORS INDUSTRIES LTD	\$ 188,790	6,428	0.04	0	
MML EQUITY INDEX FD	EQUITY	HORMEL FOODS CORP	\$ 158,364	3,209	0.04	0	
MML EQUITY INDEX FD	EQUITY	MCCORMICK + CO NON VTG SHRS	\$ 229,231	3,202	0.05	0	
MML EQUITY INDEX FD	EQUITY	MURPHY OIL CORP	\$ 270,042	4,062	0.06	0	
MML EQUITY INDEX FD	EQUITY	UNITEDHEALTH GROUP INC	\$ 1,946,468	23,810	0.45	0	
MML EQUITY INDEX FD	EQUITY	ST JUDE MEDICAL INC	\$ 475,401	6,865	0.11	0	
MML EQUITY INDEX FD	EQUITY	AUTODESK INC	\$ 315,615	5,598	0.07	0	
MML EQUITY INDEX FD	EQUITY	JACOBS ENGINEERING GROUP INC	\$ 169,697	3,185	0.04	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	LABORATORY CRP OF AMER HLDGS	\$ 212,378	2,074	0.05	0	
MML EQUITY INDEX FD	EQUITY	CAMPBELL SOUP CO	\$ 197,120	4,303	0.05	0	
MML EQUITY INDEX FD	EQUITY	AGILENT TECHNOLOGIES INC	\$ 463,885	8,076	0.11	0	
MML EQUITY INDEX FD	EQUITY	PACCAR INC	\$ 543,228	8,646	0.13	0	
MML EQUITY INDEX FD	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 240,194	4,921	0.06	0	
MML EQUITY INDEX FD	EQUITY	ALLERGAN INC	\$ 1,222,107	7,222	0.28	0	
MML EQUITY INDEX FD	EQUITY	DIAMOND OFFSHORE DRILLING	\$ 85,016	1,713	0.02	0	
MML EQUITY INDEX FD	EQUITY	NATIONAL OILWELL VARCO INC	\$ 863,852	10,490	0.20	0	
MML EQUITY INDEX FD	EQUITY	STARBUCKS CORP	\$ 1,412,572	18,255	0.33	0	
MML EQUITY INDEX FD	EQUITY	LEGGETT + PLATT INC	\$ 120,014	3,501	0.03	0	
MML EQUITY INDEX FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 4,926,126	100,677	1.14	0	
MML EQUITY INDEX FD	EQUITY	KANSAS CITY SOUTHERN	\$ 291,030	2,707	0.07	0	
MML EQUITY INDEX FD	EQUITY	PARKER HANNIFIN CORP	\$ 451,119	3,588	0.10	0	
MML EQUITY INDEX FD	EQUITY	BROADCOM CORP CL A	\$ 506,502	13,645	0.12	0	
MML EQUITY INDEX FD	EQUITY	CROWN CASTLE INTL CORP	\$ 597,199	8,042	0.14	0	
MML EQUITY INDEX FD	EQUITY	VF CORP	\$ 525,420	8,340	0.12	0	
MML EQUITY INDEX FD	EQUITY	TYSON FOODS INC CL A	\$ 255,985	6,819	0.06	0	
MML EQUITY INDEX FD	EQUITY	DANAHER CORP	\$ 1,148,513	14,588	0.27	0	
MML EQUITY INDEX FD	EQUITY	SEALED AIR CORP	\$ 157,011	4,595	0.04	0	
MML EQUITY INDEX FD	EQUITY	REPUBLIC SERVICES INC	\$ 242,552	6,388	0.06	0	
MML EQUITY INDEX FD	EQUITY	AKAMAI TECHNOLOGIES INC	\$ 262,314	4,296	0.06	0	
MML EQUITY INDEX FD	EQUITY	BLACKROCK INC	\$ 972,543	3,043	0.23	0	
MML EQUITY INDEX FD	EQUITY	KOHL'S CORP	\$ 252,337	4,790	0.06	0	
MML EQUITY INDEX FD	EQUITY	PPG INDUSTRIES INC	\$ 706,314	3,361	0.16	0	
MML EQUITY INDEX FD	EQUITY	PITNEY BOWES INC	\$ 140,227	5,077	0.03	0	
MML EQUITY INDEX FD	EQUITY	QUALCOMM INC	\$ 3,250,130	41,037	0.75	0	
MML EQUITY INDEX FD	EQUITY	ROCKWELL AUTOMATION INC	\$ 417,409	3,335	0.10	0	
MML EQUITY INDEX FD	EQUITY	SOUTHWEST AIRLINES CO	\$ 456,351	16,990	0.11	0	
MML EQUITY INDEX FD	EQUITY	SUNTRUST BANKS INC	\$ 514,811	12,851	0.12	0	
MML EQUITY INDEX FD	EQUITY	TJX COMPANIES INC	\$ 904,188	17,012	0.21	0	
MML EQUITY INDEX FD	EQUITY	DOVER CORP	\$ 368,893	4,056	0.09	0	
MML EQUITY INDEX FD	EQUITY	EQUIFAX INC	\$ 210,293	2,899	0.05	0	
MML EQUITY INDEX FD	EQUITY	FEDEX CORP	\$ 1,017,576	6,722	0.24	0	
MML EQUITY INDEX FD	EQUITY	FISERV INC	\$ 369,581	6,127	0.09	0	
MML EQUITY INDEX FD	EQUITY	HALLIBURTON CO	\$ 1,455,776	20,501	0.34	0	
MML EQUITY INDEX FD	EQUITY	HERSHEY CO/THE	\$ 349,753	3,592	0.08	0	
MML EQUITY INDEX FD	EQUITY	KROGER CO	\$ 613,130	12,404	0.14	0	
MML EQUITY INDEX FD	EQUITY	PEPSICO INC	\$ 3,291,554	36,843	0.76	0	
MML EQUITY INDEX FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 1,755,486	17,100	0.41	0	
MML EQUITY INDEX FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 422,510	2,042	0.10	0	
MML EQUITY INDEX FD	EQUITY	NEWELL RUBBERMAID INC	\$ 210,174	6,782	0.05	0	
MML EQUITY INDEX FD	EQUITY	ANADARKO PETROLEUM CORP	\$ 1,343,963	12,277	0.31	0	
MML EQUITY INDEX FD	EQUITY	DEERE + CO	\$ 800,009	8,835	0.19	0	
MML EQUITY INDEX FD	EQUITY	KIMCO REALTY CORP	\$ 232,190	10,104	0.05	0	
MML EQUITY INDEX FD	EQUITY	TIFFANY + CO	\$ 267,367	2,667	0.06	0	
MML EQUITY INDEX FD	EQUITY	AVON PRODUCTS INC	\$ 155,611	10,651	0.04	0	
MML EQUITY INDEX FD	EQUITY	VERISIGN INC	\$ 150,921	3,092	0.03	0	
MML EQUITY INDEX FD	EQUITY	HARTFORD FINANCIAL SVCS GRP	\$ 387,858	10,831	0.09	0	
MML EQUITY INDEX FD	EQUITY	ELECTRONIC ARTS INC	\$ 272,971	7,610	0.06	0	
MML EQUITY INDEX FD	EQUITY	FAMILY DOLLAR STORES	\$ 152,122	2,300	0.04	0	
MML EQUITY INDEX FD	EQUITY	AFLAC INC	\$ 686,555	11,029	0.16	0	
MML EQUITY INDEX FD	EQUITY	JABIL CIRCUIT INC	\$ 95,868	4,587	0.02	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	METLIFE INC	\$ 1,520,288	27,363	0.35		0
MML EQUITY INDEX FD	EQUITY	LINEAR TECHNOLOGY CORP	\$ 273,524	5,811	0.06		0
MML EQUITY INDEX FD	EQUITY	CABLEVISION SYSTEMS NY GRP A	\$ 91,957	5,210	0.02		0
MML EQUITY INDEX FD	EQUITY	ACCENTURE PLC CL A	\$ 1,241,622	15,359	0.29		0
MML EQUITY INDEX FD	EQUITY	MERCK + CO. INC.	\$ 4,107,524	71,003	0.95		0
MML EQUITY INDEX FD	EQUITY	DOLLAR GENERAL CORP	\$ 422,284	7,362	0.10		0
MML EQUITY INDEX FD	EQUITY	PROLOGIS INC	\$ 497,764	12,114	0.12		0
MML EQUITY INDEX FD	EQUITY	MARATHON PETROLEUM CORP	\$ 547,661	7,015	0.13		0
MML EQUITY INDEX FD	EQUITY	PVH CORP	\$ 231,801	1,988	0.05		0
MML EQUITY INDEX FD	EQUITY	RALPH LAUREN CORP	\$ 226,573	1,410	0.05		0
MML EQUITY INDEX FD	EQUITY	CBRE GROUP INC A	\$ 214,732	6,702	0.05		0
MML EQUITY INDEX FD	EQUITY	PEPCO HOLDINGS INC	\$ 166,446	6,057	0.04		0
MML EQUITY INDEX FD	EQUITY	CONOCOPHILLIPS	\$ 2,557,926	29,837	0.59		0
MML EQUITY INDEX FD	EQUITY	CENTERPOINT ENERGY INC	\$ 269,421	10,549	0.06		0
MML EQUITY INDEX FD	EQUITY	CIMAREX ENERGY CO	\$ 302,988	2,112	0.07		0
MML EQUITY INDEX FD	EQUITY	CARMAX INC	\$ 274,561	5,279	0.06		0
MML EQUITY INDEX FD	EQUITY	WYNN RESORTS LTD	\$ 413,044	1,990	0.10		0
MML EQUITY INDEX FD	EQUITY	COMCAST CORP CLASS A	\$ 3,395,850	63,261	0.79		0
MML EQUITY INDEX FD	EQUITY	CARNIVAL CORP	\$ 405,340	10,766	0.09		0
MML EQUITY INDEX FD	EQUITY	PRICELINE GROUP INC/THE	\$ 1,532,622	1,274	0.36		0
MML EQUITY INDEX FD	EQUITY	INTUITIVE SURGICAL INC	\$ 381,739	927	0.09		0
MML EQUITY INDEX FD	EQUITY	BIOGEN IDEC INC	\$ 1,818,708	5,768	0.42		0
MML EQUITY INDEX FD	EQUITY	NRG ENERGY INC	\$ 304,817	8,194	0.07		0
MML EQUITY INDEX FD	EQUITY	ASSURANT INC	\$ 112,943	1,723	0.03		0
MML EQUITY INDEX FD	EQUITY	JUNIPER NETWORKS INC	\$ 281,081	11,454	0.07		0
MML EQUITY INDEX FD	EQUITY	NEWFIELD EXPLORATION CO	\$ 149,219	3,376	0.03		0
MML EQUITY INDEX FD	EQUITY	QUANTA SERVICES INC	\$ 185,660	5,369	0.04		0
MML EQUITY INDEX FD	EQUITY	FORD MOTOR CO	\$ 1,660,246	96,302	0.38		0
MML EQUITY INDEX FD	EQUITY	XCEL ENERGY INC	\$ 391,369	12,143	0.09		0
MML EQUITY INDEX FD	EQUITY	MOODY S CORP	\$ 398,415	4,545	0.09		0
MML EQUITY INDEX FD	EQUITY	CONSTELLATION BRANDS INC A	\$ 365,299	4,145	0.08		0
MML EQUITY INDEX FD	EQUITY	NASDAQ OMX GROUP/THE	\$ 112,732	2,919	0.03		0
MML EQUITY INDEX FD	EQUITY	DUN + BRADSTREET CORP	\$ 99,621	904	0.02		0
MML EQUITY INDEX FD	EQUITY	COACH INC	\$ 224,013	6,552	0.05		0
MML EQUITY INDEX FD	EQUITY	DAVITA HEALTHCARE PARTNERS I	\$ 312,133	4,316	0.07		0
MML EQUITY INDEX FD	EQUITY	VULCAN MATERIALS CO	\$ 203,299	3,189	0.05		0
MML EQUITY INDEX FD	EQUITY	WALGREEN CO	\$ 1,582,231	21,344	0.37		0
MML EQUITY INDEX FD	EQUITY	WEYERHAEUSER CO W/D	\$ 470,871	14,230	0.11		0
MML EQUITY INDEX FD	EQUITY	WILLIAMS COS INC	\$ 1,045,044	17,953	0.24		0
MML EQUITY INDEX FD	EQUITY	XILINX INC	\$ 309,360	6,539	0.07		0
MML EQUITY INDEX FD	EQUITY	YAHOO INC	\$ 798,083	22,718	0.18		0
MML EQUITY INDEX FD	EQUITY	ALTERA CORP	\$ 259,970	7,479	0.06		0
MML EQUITY INDEX FD	EQUITY	ALLIANCE DATA SYSTEMS CORP	\$ 372,656	1,325	0.09		0
MML EQUITY INDEX FD	EQUITY	FMC TECHNOLOGIES INC	\$ 353,351	5,786	0.08		0
MML EQUITY INDEX FD	EQUITY	ROCKWELL COLLINS INC	\$ 259,034	3,315	0.06		0
MML EQUITY INDEX FD	EQUITY	JOY GLOBAL INC	\$ 145,082	2,356	0.03		0
MML EQUITY INDEX FD	EQUITY	ZIMMER HOLDINGS INC	\$ 420,114	4,045	0.10		0
MML EQUITY INDEX FD	EQUITY	AMERISOURCEBERGEN CORP	\$ 395,706	5,446	0.09		0
MML EQUITY INDEX FD	EQUITY	CHEVRON CORP	\$ 6,042,768	46,287	1.40		0
MML EQUITY INDEX FD	EQUITY	PRINCIPAL FINANCIAL GROUP	\$ 335,036	6,637	0.08		0
MML EQUITY INDEX FD	EQUITY	PRUDENTIAL FINANCIAL INC	\$ 996,354	11,224	0.23		0
MML EQUITY INDEX FD	EQUITY	UNITED STATES STEEL CORP	\$ 95,150	3,654	0.02		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	MEADWESTVACO CORP	\$ 182,440	4,122	0.04	0	
MML EQUITY INDEX FD	EQUITY	3M CO	\$ 2,163,927	15,107	0.50	0	
MML EQUITY INDEX FD	EQUITY	NOBLE ENERGY INC	\$ 675,761	8,724	0.16	0	
MML EQUITY INDEX FD	EQUITY	YUM BRANDS INC	\$ 867,054	10,678	0.20	0	
MML EQUITY INDEX FD	EQUITY	NETFLIX INC	\$ 642,395	1,458	0.15	0	
MML EQUITY INDEX FD	EQUITY	HOSPIRA INC	\$ 212,980	4,146	0.05	0	
MML EQUITY INDEX FD	EQUITY	GENWORTH FINANCIAL INC CL A	\$ 214,177	12,309	0.05	0	
MML EQUITY INDEX FD	EQUITY	SALESFORCE.COM INC	\$ 800,226	13,778	0.19	0	
MML EQUITY INDEX FD	EQUITY	PATTERSON COS INC	\$ 76,649	1,940	0.02	0	
MML EQUITY INDEX FD	EQUITY	REYNOLDS AMERICAN INC	\$ 459,384	7,612	0.11	0	
MML EQUITY INDEX FD	EQUITY	GOOGLE INC CL A	\$ 4,024,868	6,884	0.93	0	
MML EQUITY INDEX FD	EQUITY	WELLPOINT INC	\$ 735,514	6,835	0.17	0	
MML EQUITY INDEX FD	EQUITY	MOLSON COORS BREWING CO B	\$ 289,966	3,910	0.07	0	
MML EQUITY INDEX FD	EQUITY	CF INDUSTRIES HOLDINGS INC	\$ 303,308	1,261	0.07	0	
MML EQUITY INDEX FD	EQUITY	AMERIPRISE FINANCIAL INC	\$ 555,960	4,633	0.13	0	
MML EQUITY INDEX FD	EQUITY	STANLEY BLACK + DECKER INC	\$ 331,696	3,777	0.08	0	
MML EQUITY INDEX FD	EQUITY	LYONDELLBASELL INDU CL A	\$ 989,292	10,131	0.23	0	
MML EQUITY INDEX FD	EQUITY	E TRADE FINANCIAL CORP	\$ 152,434	7,170	0.04	0	
MML EQUITY INDEX FD	EQUITY	NEXTERA ENERGY INC	\$ 1,085,571	10,593	0.25	0	
MML EQUITY INDEX FD	EQUITY	QEP RESOURCES INC	\$ 152,835	4,430	0.04	0	
MML EQUITY INDEX FD	EQUITY	GARMIN LTD	\$ 179,899	2,954	0.04	0	
MML EQUITY INDEX FD	EQUITY	XL GROUP PLC	\$ 212,418	6,490	0.05	0	
MML EQUITY INDEX FD	EQUITY	SEAGATE TECHNOLOGY	\$ 449,333	7,908	0.10	0	
MML EQUITY INDEX FD	EQUITY	COCA COLA ENTERPRISES	\$ 273,493	5,724	0.06	0	
MML EQUITY INDEX FD	EQUITY	GENERAL GROWTH PROPERTIES	\$ 295,230	12,531	0.07	0	
MML EQUITY INDEX FD	EQUITY	GENERAL MOTORS CO	\$ 1,160,947	31,982	0.27	0	
MML EQUITY INDEX FD	EQUITY	MOTOROLA SOLUTIONS INC	\$ 361,875	5,436	0.08	0	
MML EQUITY INDEX FD	EQUITY	O REILLY AUTOMOTIVE INC	\$ 390,958	2,596	0.09	0	
MML EQUITY INDEX FD	EQUITY	NIELSEN NV	\$ 355,039	7,334	0.08	0	
MML EQUITY INDEX FD	EQUITY	KINDER MORGAN INC	\$ 585,817	16,156	0.14	0	
MML EQUITY INDEX FD	EQUITY	TE CONNECTIVITY LTD	\$ 619,699	10,021	0.14	0	
MML EQUITY INDEX FD	EQUITY	COVIDIEN PLC	\$ 992,431	11,005	0.23	0	
MML EQUITY INDEX FD	EQUITY	CITIGROUP INC	\$ 3,478,712	73,858	0.81	0	
MML EQUITY INDEX FD	EQUITY	MOSAIC CO/THE	\$ 389,666	7,880	0.09	0	
MML EQUITY INDEX FD	EQUITY	GAMESTOP CORP CLASS A	\$ 115,704	2,859	0.03	0	
MML EQUITY INDEX FD	EQUITY	C.H. ROBINSON WORLDWIDE INC	\$ 232,642	3,647	0.05	0	
MML EQUITY INDEX FD	EQUITY	UNDER ARMOUR INC CLASS A	\$ 231,595	3,893	0.05	0	
MML EQUITY INDEX FD	EQUITY	AT+T INC	\$ 4,464,129	126,248	1.03	0	
MML EQUITY INDEX FD	EQUITY	VIACOM INC CLASS B	\$ 825,930	9,523	0.19	0	
MML EQUITY INDEX FD	EQUITY	CBS CORP CLASS B NON VOTING	\$ 798,810	12,855	0.19	0	
MML EQUITY INDEX FD	EQUITY	CHIPOTLE MEXICAN GRILL INC	\$ 450,900	761	0.10	0	
MML EQUITY INDEX FD	EQUITY	FIDELITY NATIONAL INFORMATIO	\$ 384,001	7,015	0.09	0	
MML EQUITY INDEX FD	EQUITY	CA INC	\$ 223,195	7,766	0.05	0	
MML EQUITY INDEX FD	EQUITY	MONSANTO CO	\$ 1,584,946	12,706	0.37	0	
MML EQUITY INDEX FD	EQUITY	EXELON CORP	\$ 764,621	20,960	0.18	0	
MML EQUITY INDEX FD	EQUITY	FLUOR CORP	\$ 301,217	3,917	0.07	0	
MML EQUITY INDEX FD	EQUITY	AETNA INC	\$ 709,612	8,752	0.16	0	
MML EQUITY INDEX FD	EQUITY	T ROWE PRICE GROUP INC	\$ 539,971	6,397	0.13	0	
MML EQUITY INDEX FD	EQUITY	JPMORGAN CHASE + CO	\$ 5,302,020	92,017	1.23	0	
MML EQUITY INDEX FD	EQUITY	US BANCORP	\$ 1,911,018	44,114	0.44	0	
MML EQUITY INDEX FD	EQUITY	RAYTHEON COMPANY	\$ 702,668	7,617	0.16	0	
MML EQUITY INDEX FD	EQUITY	PEABODY ENERGY CORP	\$ 106,815	6,533	0.02	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	DELTA AIR LINES INC	\$ 791,127	20,432	0.18	0	
MML EQUITY INDEX FD	EQUITY	MACY S INC	\$ 507,153	8,741	0.12	0	
MML EQUITY INDEX FD	EQUITY	DISCOVER FINANCIAL SERVICES	\$ 706,200	11,394	0.16	0	
MML EQUITY INDEX FD	EQUITY	BANK OF NEW YORK MELLON CORP	\$ 1,039,433	27,733	0.24	0	
MML EQUITY INDEX FD	EQUITY	CME GROUP INC	\$ 545,251	7,685	0.13	0	
MML EQUITY INDEX FD	EQUITY	HCP INC	\$ 458,863	11,089	0.11	0	
MML EQUITY INDEX FD	EQUITY	TERADATA CORP	\$ 158,589	3,945	0.04	0	
MML EQUITY INDEX FD	EQUITY	INVESCO LTD	\$ 395,847	10,486	0.09	0	
MML EQUITY INDEX FD	EQUITY	DOLLAR TREE INC	\$ 276,493	5,077	0.06	0	
MML EQUITY INDEX FD	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 3,223,846	38,238	0.75	0	
MML EQUITY INDEX FD	EQUITY	VISA INC CLASS A SHARES	\$ 2,574,033	12,216	0.60	0	
MML EQUITY INDEX FD	EQUITY	NETAPP INC	\$ 292,306	8,004	0.07	0	
MML EQUITY INDEX FD	EQUITY	DR PEPPER SNAPPLE GROUP INC	\$ 275,385	4,701	0.06	0	
MML EQUITY INDEX FD	EQUITY	SCRIPPS NETWORKS INTER CL A	\$ 207,150	2,553	0.05	0	
MML EQUITY INDEX FD	EQUITY	ACE LTD	\$ 854,281	8,238	0.20	0	
MML EQUITY INDEX FD	EQUITY	FRONTIER COMMUNICATIONS CORP	\$ 138,326	23,686	0.03	0	
MML EQUITY INDEX FD	EQUITY	DISCOVERY COMMUNICATIONS A	\$ 389,524	5,244	0.09	0	
MML EQUITY INDEX FD	EQUITY	TRANSOCEAN LTD	\$ 372,713	8,277	0.09	0	
MML EQUITY INDEX FD	EQUITY	EQT CORP	\$ 397,775	3,721	0.09	0	
MML EQUITY INDEX FD	EQUITY	MEAD JOHNSON NUTRITION CO	\$ 457,558	4,911	0.11	0	
MML EQUITY INDEX FD	EQUITY	TYCO INTERNATIONAL LTD	\$ 511,541	11,218	0.12	0	
MML EQUITY INDEX FD	EQUITY	TIME WARNER CABLE	\$ 999,431	6,785	0.23	0	
MML EQUITY INDEX FD	EQUITY	TIME WARNER INC	\$ 1,506,792	21,449	0.35	0	
MML EQUITY INDEX FD	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 1,920,179	35,181	0.44	0	
MML EQUITY INDEX FD	EQUITY	INGERSOLL RAND PLC	\$ 381,374	6,101	0.09	0	
MML EQUITY INDEX FD	EQUITY	AVAGO TECHNOLOGIES LTD	\$ 445,393	6,180	0.10	0	
MML EQUITY INDEX FD	EQUITY	CAREFUSION CORP	\$ 226,052	5,097	0.05	0	
MML EQUITY INDEX FD	EQUITY	SNAP ON INC	\$ 167,824	1,416	0.04	0	
MML EQUITY INDEX FD	EQUITY	ALTRIA GROUP INC	\$ 2,021,382	48,197	0.47	0	
MML EQUITY INDEX FD	EQUITY	REGIONS FINANCIAL CORP	\$ 354,846	33,413	0.08	0	
MML EQUITY INDEX FD	EQUITY	LORILLARD INC	\$ 534,158	8,761	0.12	0	
MML EQUITY INDEX FD	EQUITY	AMERICAN TOWER CORP	\$ 865,068	9,614	0.20	0	
MML EQUITY INDEX FD	EQUITY	MONSTER BEVERAGE CORP	\$ 234,967	3,308	0.05	0	
MML EQUITY INDEX FD	EQUITY	AON PLC	\$ 651,351	7,230	0.15	0	
MML EQUITY INDEX FD	EQUITY	EXPRESS SCRIPTS HOLDING CO	\$ 1,302,087	18,781	0.30	0	
MML EQUITY INDEX FD	EQUITY	PHILLIPS 66	\$ 1,105,993	13,751	0.26	0	
MML EQUITY INDEX FD	EQUITY	ROWAN COMPANIES PLC A	\$ 97,865	3,065	0.02	0	
MML EQUITY INDEX FD	EQUITY	FACEBOOK INC A	\$ 2,812,116	41,791	0.65	0	
MML EQUITY INDEX FD	EQUITY	ENSCO PLC CL A	\$ 312,359	5,621	0.07	0	
MML EQUITY INDEX FD	EQUITY	DUKE ENERGY CORP	\$ 1,271,394	17,137	0.29	0	
MML EQUITY INDEX FD	EQUITY	DIRECTV	\$ 964,778	11,349	0.22	0	
MML EQUITY INDEX FD	EQUITY	ADT CORP/THE	\$ 144,756	4,143	0.03	0	
MML EQUITY INDEX FD	EQUITY	KRAFT FOODS GROUP INC	\$ 871,613	14,539	0.20	0	
MML EQUITY INDEX FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 1,548,817	41,181	0.36	0	
MML EQUITY INDEX FD	EQUITY	TENET HEALTHCARE CORP	\$ 115,191	2,454	0.03	0	
MML EQUITY INDEX FD	EQUITY	EATON CORP PLC	\$ 895,674	11,605	0.21	0	
MML EQUITY INDEX FD	EQUITY	ABBVIE INC	\$ 2,181,970	38,660	0.51	0	
MML EQUITY INDEX FD	EQUITY	ZOETIS INC W/I	\$ 393,371	12,190	0.09	0	
MML EQUITY INDEX FD	EQUITY	L BRANDS INC	\$ 349,614	5,960	0.08	0	
MML EQUITY INDEX FD	EQUITY	FOSSIL GROUP INC	\$ 119,675	1,145	0.03	0	
MML EQUITY INDEX FD	EQUITY	NEWS CORP CLASS A	\$ 217,630	12,131	0.05	0	
MML EQUITY INDEX FD	EQUITY	STARWOOD HOTELS + RESORTS	\$ 373,469	4,621	0.09	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INDEX FD	EQUITY	CAMERON INTERNATIONAL CORP	\$ 334,623	4,942	0.08	0	
MML EQUITY INDEX FD	EQUITY	HESS CORP	\$ 633,588	6,407	0.15	0	
MML EQUITY INDEX FD	EQUITY	MASTERCARD INC CLASS A	\$ 1,793,476	24,411	0.42	0	
MML EQUITY INDEX FD	EQUITY	WYNDHAM WORLDWIDE CORP	\$ 238,972	3,156	0.06	0	
MML EQUITY INDEX FD	EQUITY	WESTERN UNION CO	\$ 223,669	12,899	0.05	0	
MML EQUITY INDEX FD	EQUITY	FIRST SOLAR INC	\$ 118,670	1,670	0.03	0	
MML EQUITY INDEX FD	EQUITY	SPECTRA ENERGY CORP	\$ 695,737	16,378	0.16	0	
MML EQUITY INDEX FD	EQUITY	INTEGRYS ENERGY GROUP INC	\$ 141,335	1,987	0.03	0	
MML EQUITY INDEX FD	EQUITY	TRAVELERS COS INC/THE	\$ 791,599	8,415	0.18	0	
MML EQUITY INDEX FD	EQUITY	PEOPLE S UNITED FINANCIAL	\$ 114,746	7,564	0.03	0	
MML EQUITY INDEX FD	EQUITY	TWENTY FIRST CENTURY FOX A	\$ 1,636,619	46,561	0.38	0	
MML EQUITY INDEX FD	EQUITY	WINDSTREAM HOLDINGS INC	\$ 146,661	14,725	0.03	0	
MML EQUITY INDEX FD	EQUITY	ACTAVIS PLC	\$ 1,007,071	4,515	0.23	0	
MML EQUITY INDEX FD	FUTURE	S+P500 EMINI FUT SEP14	\$ -	4,200	0.02	0	9/19/2014
MML EQUITY INDEX FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 530,431	2,808	0.12	0	
MML EQUITY INDEX FD	EQUITY	ALLEGION PLC	\$ 124,243	2,192	0.03	0	
MML EQUITY INDEX FD	EQUITY	NOBLE CORP PLC	\$ 208,106	6,201	0.05	0	
MML EQUITY INDEX FD	EQUITY	GRAHAM HOLDINGS CO CLASS B	\$ 75,402	105	0.02	0	
MML EQUITY INDEX FD	EQUITY	PERRIGO CO PLC	\$ 473,283	3,247	0.11	0	
MML EQUITY INDEX FD	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 379,687	3,047	0.09	0	
MML EQUITY INDEX FD	EQUITY	GOOGLE INC CL C	\$ 3,960,228	6,884	0.92	0	
MML EQUITY INDEX FD	EQUITY	NAVIENT CORP	\$ 182,165	10,286	0.04	0	
MML EQUITY INDEX FD	EQUITY	PENTAIR PLC	\$ 344,734	4,780	0.08	0	
MML EQUITY INDEX FD	CASH EQUIVALENT	STATE STREET REPO	\$ 7,465,024	7,465,024	1.73	0.01	7/1/2014
MML EQUITY INDEX FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 2,522	2,522	0.00	0	7/1/2014
MML EQUITY INDEX FD	CASH EQUIVALENT	TREASURY BILL	\$ 604,937	605,000	0.14	0.1	10/2/2014
MML EQUITY INDEX FD	EQUITY	AUTONATION INC	\$ 92,504	1,550	0.02	0	
MML EQUITY INDEX FD	EQUITY	HASBRO INC	\$ 154,163	2,906	0.04	0	
MML EQUITY INDEX FD	EQUITY	TORCHMARK CORP	\$ 173,343	2,116	0.04	0	
MML EQUITY INDEX FD	EQUITY	WW GRAINGER INC	\$ 373,014	1,467	0.09	0	
MML EQUITY INDEX FD	EQUITY	EDWARDS LIFESCIENCES CORP	\$ 224,901	2,620	0.05	0	
MML EQUITY INDEX FD	EQUITY	MATTEL INC	\$ 317,216	8,140	0.07	0	
MML EQUITY INDEX FD	EQUITY	TEXAS INSTRUMENTS INC	\$ 1,252,767	26,214	0.29	0	
MML EQUITY INDEX FD	EQUITY	XYLEM INC	\$ 177,619	4,545	0.04	0	
MML EQUITY INDEX FD	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 463,239	6,739	0.11	0	
MML EQUITY INDEX FD	EQUITY	TRIPADVISOR INC	\$ 298,924	2,751	0.07	0	
MML EQUITY INDEX FD	EQUITY	MICHAEL KORS HOLDINGS LTD	\$ 386,248	4,357	0.09	0	
MML EQUITY INDEX FD	EQUITY	EXPEDIA INC	\$ 194,222	2,466	0.05	0	
MML EQUITY INDEX FD	EQUITY	BERKSHIRE HATHAWAY INC CL B	\$ 5,539,025	43,766	1.28	0	
MML MANAGED VOLATILITY FD	EQUITY	GOOGLE INC CL C	\$ 3,459,734	6,014	0.89	0	
MML MANAGED VOLATILITY FD	EQUITY	NAVIENT CORP	\$ 159,124	8,985	0.04	0	
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (680,400)	(21,600)	0.17	0	8/16/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 55,640	26,000	0.01	0	8/16/2014
MML MANAGED VOLATILITY FD	EQUITY	PENTAIR PLC	\$ 298,577	4,140	0.08	0	
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (88,560)	(21,600)	0.02	0	7/11/2014
MML MANAGED VOLATILITY FD	CASH EQUIVALENT	STATE STREET REPO	\$ 12,003,952	12,003,952	3.07	0.01	7/1/2014
MML MANAGED VOLATILITY FD	EQUITY	HASBRO INC	\$ 130,079	2,452	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	TORCHMARK CORP	\$ 153,027	1,868	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	WW GRAINGER INC	\$ 329,534	1,296	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	MATTEL INC	\$ 280,779	7,205	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	TEXAS INSTRUMENTS INC	\$ 1,095,872	22,931	0.28	0	
MML MANAGED VOLATILITY FD	EQUITY	HARLEY DAVIDSON INC	\$ 323,964	4,638	0.08	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	SNAP ON INC	\$ 146,491	1,236	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	COLGATE PALMOLIVE CO	\$ 1,259,830	18,478	0.32	0	
MML MANAGED VOLATILITY FD	EQUITY	CHIPOTLE MEXICAN GRILL INC	\$ 393,427	664	0.10	0	
MML MANAGED VOLATILITY FD	FIXED INCOME	SINO FOREST CORPORATION	\$ -	359,000	-	5	8/1/2049
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 231,210	36,700	0.06	0	9/20/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 209,600	26,200	0.05	0	9/20/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 19,370	29,800	0.00	0	7/19/2014
MML MANAGED VOLATILITY FD	EQUITY	COCA COLA ENTERPRISES	\$ 237,323	4,967	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	GENERAL GROWTH PROPERTIES	\$ 260,880	11,073	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	GENERAL MOTORS CO	\$ 1,014,041	27,935	0.26	0	
MML MANAGED VOLATILITY FD	EQUITY	MOTOROLA SOLUTIONS INC	\$ 319,802	4,804	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	O REILLY AUTOMOTIVE INC	\$ 338,850	2,250	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	NIELSEN NV	\$ 311,567	6,436	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	KINDER MORGAN INC	\$ 514,602	14,192	0.13	0	
MML MANAGED VOLATILITY FD	EQUITY	TE CONNECTIVITY LTD	\$ 536,833	8,681	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	COVIDIEN PLC	\$ 863,924	9,580	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	CITIGROUP INC	\$ 3,039,881	64,541	0.78	0	
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (2,236,020)	(44,900)	0.57	0	8/16/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (349,770)	(17,800)	0.09	0	7/19/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (1,260,750)	(20,500)	0.32	0	7/19/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 106,913	33,100	0.03	0	8/16/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ 93,758	36,200	0.02	0	8/16/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (691,200)	(21,600)	0.18	0	7/3/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (1,936,950)	(22,200)	0.50	0	7/19/2014
MML MANAGED VOLATILITY FD	OPTIONS	S+P 500 INDEX	\$ (1,041,300)	(17,800)	0.27	0	9/20/2014
MML MANAGED VOLATILITY FD	EQUITY	DIRECTV	\$ 846,105	9,953	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	ADT CORP/THE	\$ 129,313	3,701	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	KRAFT FOODS GROUP INC	\$ 758,427	12,651	0.19	0	
MML MANAGED VOLATILITY FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 1,351,703	35,940	0.35	0	
MML MANAGED VOLATILITY FD	EQUITY	TENET HEALTHCARE CORP	\$ 97,588	2,079	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	EATON CORP PLC	\$ 781,756	10,129	0.20	0	
MML MANAGED VOLATILITY FD	EQUITY	ABBVIE INC	\$ 1,906,487	33,779	0.49	0	
MML MANAGED VOLATILITY FD	EQUITY	ZOETIS INC W/I	\$ 343,611	10,648	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	L BRANDS INC	\$ 305,619	5,210	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	FOSSIL GROUP INC	\$ 105,879	1,013	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	NEWS CORP CLASS A	\$ 189,769	10,578	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	TWENTY FIRST CENTURY FOX A	\$ 1,429,797	40,677	0.37	0	
MML MANAGED VOLATILITY FD	EQUITY	WINDSTREAM HOLDINGS INC	\$ 127,528	12,804	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	ACTAVIS PLC	\$ 826,177	3,704	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 462,049	2,446	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	ALLEGION PLC	\$ 107,862	1,903	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	NOBLE CORP PLC	\$ 181,258	5,401	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	GRAHAM HOLDINGS CO CLASS B	\$ 64,630	90	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	PERRIGO CO PLC	\$ 414,250	2,842	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 335,575	2,693	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	LYONDELLBASELL INDU CL A	\$ 864,495	8,853	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	E TRADE FINANCIAL CORP	\$ 130,196	6,124	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	NEXTERA ENERGY INC	\$ 949,887	9,269	0.24	0	
MML MANAGED VOLATILITY FD	EQUITY	QEP RESOURCES INC	\$ 131,963	3,825	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	GARMIN LTD	\$ 158,645	2,605	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	XL GROUP PLC	\$ 188,950	5,773	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	SEAGATE TECHNOLOGY	\$ 394,160	6,937	0.10	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	CAREFUSION CORP	\$ 195,362	4,405	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	ACCENTURE PLC CL A	\$ 1,087,055	13,447	0.28	0	
MML MANAGED VOLATILITY FD	EQUITY	MERCK + CO. INC.	\$ 3,591,907	62,090	0.92	0	
MML MANAGED VOLATILITY FD	EQUITY	CAMERON INTERNATIONAL CORP	\$ 293,726	4,338	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	HESS CORP	\$ 554,377	5,606	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	MASTERCARD INC CLASS A	\$ 1,568,511	21,349	0.40	0	
MML MANAGED VOLATILITY FD	EQUITY	WYNDHAM WORLDWIDE CORP	\$ 204,823	2,705	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	WESTERN UNION CO	\$ 198,612	11,454	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	FIRST SOLAR INC	\$ 107,087	1,507	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	SPECTRA ENERGY CORP	\$ 605,213	14,247	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	INTEGRYS ENERGY GROUP INC	\$ 121,134	1,703	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	TRAVELERS COS INC/THE	\$ 694,801	7,386	0.18	0	
MML MANAGED VOLATILITY FD	EQUITY	PEOPLE S UNITED FINANCIAL	\$ 100,016	6,593	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	MOSAIC CO/THE	\$ 339,623	6,868	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	PROLOGIS INC	\$ 436,417	10,621	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	MARATHON PETROLEUM CORP	\$ 478,803	6,133	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	PVH CORP	\$ 203,700	1,747	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	RALPH LAUREN CORP	\$ 200,380	1,247	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	CBRE GROUP INC A	\$ 189,773	5,923	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	XYLEM INC	\$ 152,686	3,907	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 403,848	5,875	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	TRIPADVISOR INC	\$ 257,307	2,368	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	MICHAEL KORS HOLDINGS LTD	\$ 338,377	3,817	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	EXPEDIA INC	\$ 171,697	2,180	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	AMERICAN TOWER CORP	\$ 756,282	8,405	0.19	0	
MML MANAGED VOLATILITY FD	EQUITY	MONSTER BEVERAGE CORP	\$ 204,566	2,880	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	AON PLC	\$ 567,837	6,303	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	EXPRESS SCRIPTS HOLDING CO	\$ 1,138,884	16,427	0.29	0	
MML MANAGED VOLATILITY FD	EQUITY	PHILLIPS 66	\$ 966,849	12,021	0.25	0	
MML MANAGED VOLATILITY FD	EQUITY	ROWAN COMPANIES PLC A	\$ 84,359	2,642	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	FACEBOOK INC A	\$ 2,458,575	36,537	0.63	0	
MML MANAGED VOLATILITY FD	EQUITY	ENSCO PLC CL A	\$ 276,127	4,969	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	DUKE ENERGY CORP	\$ 1,115,076	15,030	0.29	0	
MML MANAGED VOLATILITY FD	EQUITY	US BANCORP	\$ 1,670,592	38,564	0.43	0	
MML MANAGED VOLATILITY FD	EQUITY	RAYTHEON COMPANY	\$ 613,094	6,646	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	PEABODY ENERGY CORP	\$ 94,274	5,766	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	ALLIANCE DATA SYSTEMS CORP	\$ 322,594	1,147	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	DELTA AIR LINES INC	\$ 697,657	18,018	0.18	0	
MML MANAGED VOLATILITY FD	EQUITY	MACY S INC	\$ 444,259	7,657	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	DISCOVER FINANCIAL SERVICES	\$ 614,284	9,911	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	BANK OF NEW YORK MELLON CORP	\$ 908,178	24,231	0.23	0	
MML MANAGED VOLATILITY FD	EQUITY	CME GROUP INC	\$ 475,933	6,708	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	HCP INC	\$ 403,000	9,739	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	TERADATA CORP	\$ 134,590	3,348	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	INVESCO LTD	\$ 346,960	9,191	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	DOLLAR TREE INC	\$ 239,079	4,390	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 2,817,134	33,414	0.72	0	
MML MANAGED VOLATILITY FD	EQUITY	DOLLAR GENERAL CORP	\$ 369,685	6,445	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	BERKSHIRE HATHAWAY INC CL B	\$ 4,841,426	38,254	1.24	0	
MML MANAGED VOLATILITY FD	EQUITY	STANLEY BLACK + DECKER INC	\$ 291,211	3,316	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	VISA INC CLASS A SHARES	\$ 2,251,436	10,685	0.58	0	
MML MANAGED VOLATILITY FD	EQUITY	NETAPP INC	\$ 257,028	7,038	0.07	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	DR PEPPER SNAPPLE GROUP INC	\$ 244,161	4,168	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	LORILLARD INC	\$ 469,774	7,705	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	SCRIPPS NETWORKS INTER CL A	\$ 185,080	2,281	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	ACE LTD	\$ 744,359	7,178	0.19	0	
MML MANAGED VOLATILITY FD	EQUITY	FRONTIER COMMUNICATIONS CORP	\$ 124,334	21,290	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	DISCOVERY COMMUNICATIONS A	\$ 343,991	4,631	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	TRANSOCEAN LTD	\$ 325,657	7,232	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	EQT CORP	\$ 344,646	3,224	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	MEAD JOHNSON NUTRITION CO	\$ 400,258	4,296	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	TYCO INTERNATIONAL LTD	\$ 447,017	9,803	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	TIME WARNER CABLE	\$ 872,163	5,921	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	TIME WARNER INC	\$ 1,316,555	18,741	0.34	0	
MML MANAGED VOLATILITY FD	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 1,677,571	30,736	0.43	0	
MML MANAGED VOLATILITY FD	EQUITY	INGERSOLL RAND PLC	\$ 333,178	5,330	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	AVAGO TECHNOLOGIES LTD	\$ 385,575	5,350	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	ALTRIA GROUP INC	\$ 1,769,994	42,203	0.45	0	
MML MANAGED VOLATILITY FD	EQUITY	CARNIVAL CORP	\$ 350,860	9,319	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	PRICELINE GROUP INC/THE	\$ 1,340,142	1,114	0.34	0	
MML MANAGED VOLATILITY FD	EQUITY	INTUITIVE SURGICAL INC	\$ 333,970	811	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	BIOGEN IDEC INC	\$ 1,587,586	5,035	0.41	0	
MML MANAGED VOLATILITY FD	EQUITY	NRG ENERGY INC	\$ 266,724	7,170	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	ASSURANT INC	\$ 100,029	1,526	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	HOSPIRA INC	\$ 182,466	3,552	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	GENWORTH FINANCIAL INC CL A	\$ 183,396	10,540	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	SALESFORCE.COM INC	\$ 696,844	11,998	0.18	0	
MML MANAGED VOLATILITY FD	EQUITY	REGIONS FINANCIAL CORP	\$ 311,134	29,297	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	PATTERSON COS INC	\$ 68,826	1,742	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	REYNOLDS AMERICAN INC	\$ 399,095	6,613	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	GOOGLE INC CL A	\$ 3,516,205	6,014	0.90	0	
MML MANAGED VOLATILITY FD	EQUITY	WELLPOINT INC	\$ 639,849	5,946	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	MOLSON COORS BREWING CO B	\$ 250,364	3,376	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	CF INDUSTRIES HOLDINGS INC	\$ 265,786	1,105	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	MONSANTO CO	\$ 1,388,606	11,132	0.36	0	
MML MANAGED VOLATILITY FD	EQUITY	EXELON CORP	\$ 665,614	18,246	0.17	0	
MML MANAGED VOLATILITY FD	EQUITY	FLUOR CORP	\$ 259,691	3,377	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	AETNA INC	\$ 615,640	7,593	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	T ROWE PRICE GROUP INC	\$ 471,261	5,583	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	JPMORGAN CHASE + CO	\$ 4,633,051	80,407	1.19	0	
MML MANAGED VOLATILITY FD	EQUITY	FMC TECHNOLOGIES INC	\$ 305,350	5,000	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	ROCKWELL COLLINS INC	\$ 225,121	2,881	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	JOY GLOBAL INC	\$ 130,919	2,126	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	ZIMMER HOLDINGS INC	\$ 369,949	3,562	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	AMERISOURCEBERGEN CORP	\$ 348,841	4,801	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	CHEVRON CORP	\$ 5,280,748	40,450	1.35	0	
MML MANAGED VOLATILITY FD	EQUITY	PRINCIPAL FINANCIAL GROUP	\$ 293,289	5,810	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	PRUDENTIAL FINANCIAL INC	\$ 870,922	9,811	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	UNITED STATES STEEL CORP	\$ 79,969	3,071	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	MEADWESTVACO CORP	\$ 157,831	3,566	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	3M CO	\$ 1,892,200	13,210	0.48	0	
MML MANAGED VOLATILITY FD	EQUITY	NOBLE ENERGY INC	\$ 591,097	7,631	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	YUM BRANDS INC	\$ 761,575	9,379	0.19	0	
MML MANAGED VOLATILITY FD	EQUITY	NETFLIX INC	\$ 560,443	1,272	0.14	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	JM SMUCKER CO/THE	\$ 234,454	2,200	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	NABORS INDUSTRIES LTD	\$ 163,238	5,558	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	PEPCO HOLDINGS INC	\$ 146,496	5,331	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	CONOCOPHILLIPS	\$ 2,236,610	26,089	0.57		0
MML MANAGED VOLATILITY FD	EQUITY	CENTERPOINT ENERGY INC	\$ 233,206	9,131	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	CIMAREX ENERGY CO	\$ 265,401	1,850	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	CARMAX INC	\$ 243,355	4,679	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	WYNN RESORTS LTD	\$ 358,249	1,726	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	COMCAST CORP CLASS A	\$ 2,964,854	55,232	0.76		0
MML MANAGED VOLATILITY FD	EQUITY	AMERIPRISE FINANCIAL INC	\$ 484,080	4,034	0.12		0
MML MANAGED VOLATILITY FD	EQUITY	GAMESTOP CORP CLASS A	\$ 98,383	2,431	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	C.H. ROBINSON WORLDWIDE INC	\$ 201,385	3,157	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	UNDER ARMOUR INC CLASS A	\$ 204,646	3,440	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	AT+T INC	\$ 3,899,218	110,272	1.00		0
MML MANAGED VOLATILITY FD	EQUITY	VIACOM INC CLASS B	\$ 720,640	8,309	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	CBS CORP CLASS B NON VOTING	\$ 698,081	11,234	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	FIDELITY NATIONAL INFORMATIO	\$ 334,845	6,117	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	CA INC	\$ 194,857	6,780	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	STARWOOD HOTELS + RESORTS	\$ 329,988	4,083	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	PACCAR INC	\$ 473,738	7,540	0.12		0
MML MANAGED VOLATILITY FD	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 207,784	4,257	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	ALLERGAN INC	\$ 1,069,470	6,320	0.27		0
MML MANAGED VOLATILITY FD	EQUITY	DIAMOND OFFSHORE DRILLING	\$ 72,063	1,452	0.02		0
MML MANAGED VOLATILITY FD	EQUITY	NATIONAL OILWELL VARCO INC	\$ 750,456	9,113	0.19		0
MML MANAGED VOLATILITY FD	EQUITY	STARBUCKS CORP	\$ 1,237,461	15,992	0.32		0
MML MANAGED VOLATILITY FD	EQUITY	LEGGETT + PLATT INC	\$ 100,920	2,944	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 4,305,253	87,988	1.10		0
MML MANAGED VOLATILITY FD	EQUITY	KANSAS CITY SOUTHERN	\$ 252,541	2,349	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	JUNIPER NETWORKS INC	\$ 247,044	10,067	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	JABIL CIRCUIT INC	\$ 82,179	3,932	0.02		0
MML MANAGED VOLATILITY FD	EQUITY	METLIFE INC	\$ 1,328,662	23,914	0.34		0
MML MANAGED VOLATILITY FD	EQUITY	LINEAR TECHNOLOGY CORP	\$ 236,621	5,027	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	CABLEVISION SYSTEMS NY GRP A	\$ 81,225	4,602	0.02		0
MML MANAGED VOLATILITY FD	EQUITY	SCHWAB (CHARLES) CORP	\$ 670,072	24,882	0.17		0
MML MANAGED VOLATILITY FD	EQUITY	STAPLES INC	\$ 148,898	13,736	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	SIGMA ALDRICH	\$ 256,643	2,529	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	ADOBE SYSTEMS INC	\$ 711,805	9,837	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	CR BARD INC	\$ 231,247	1,617	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	FOREST LABORATORIES INC	\$ 504,603	5,097	0.13		0
MML MANAGED VOLATILITY FD	EQUITY	HORMEL FOODS CORP	\$ 141,338	2,864	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	MCCORMICK + CO NON VTG SHRS	\$ 198,233	2,769	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	MURPHY OIL CORP	\$ 238,464	3,587	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	UNITEDHEALTH GROUP INC	\$ 1,701,953	20,819	0.44		0
MML MANAGED VOLATILITY FD	EQUITY	ST JUDE MEDICAL INC	\$ 418,062	6,037	0.11		0
MML MANAGED VOLATILITY FD	EQUITY	AUTODESK INC	\$ 272,879	4,840	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	JACOBS ENGINEERING GROUP INC	\$ 149,930	2,814	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	LABORATORY CRP OF AMER HLDGS	\$ 184,013	1,797	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	CAMPBELL SOUP CO	\$ 174,032	3,799	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	PARKER HANNIFIN CORP	\$ 397,810	3,164	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	BROADCOM CORP CL A	\$ 438,424	11,811	0.11		0
MML MANAGED VOLATILITY FD	EQUITY	CROWN CASTLE INTL CORP	\$ 526,949	7,096	0.13		0
MML MANAGED VOLATILITY FD	EQUITY	VF CORP	\$ 460,782	7,314	0.12		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	TYSON FOODS INC CL A	\$ 217,732	5,800	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	DANAHER CORP	\$ 1,006,327	12,782	0.26		0
MML MANAGED VOLATILITY FD	EQUITY	SEALED AIR CORP	\$ 141,020	4,127	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	REPUBLIC SERVICES INC	\$ 215,632	5,679	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	AKAMAI TECHNOLOGIES INC	\$ 230,868	3,781	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	BLACKROCK INC	\$ 850,136	2,660	0.22		0
MML MANAGED VOLATILITY FD	EQUITY	AGILENT TECHNOLOGIES INC	\$ 406,733	7,081	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	NEWFIELD EXPLORATION CO	\$ 127,915	2,894	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	QUANTA SERVICES INC	\$ 159,967	4,626	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	FORD MOTOR CO	\$ 1,448,401	84,014	0.37		0
MML MANAGED VOLATILITY FD	EQUITY	XCEL ENERGY INC	\$ 343,765	10,666	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	MOODY S CORP	\$ 350,026	3,993	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	CONSTELLATION BRANDS INC A	\$ 315,682	3,582	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	NASDAQ OMX GROUP/THE	\$ 96,704	2,504	0.02		0
MML MANAGED VOLATILITY FD	EQUITY	DUN + BRADSTREET CORP	\$ 86,287	783	0.02		0
MML MANAGED VOLATILITY FD	EQUITY	COACH INC	\$ 199,020	5,821	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	DAVITA HEALTHCARE PARTNERS I	\$ 273,225	3,778	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	QUALCOMM INC	\$ 2,840,033	35,859	0.73		0
MML MANAGED VOLATILITY FD	EQUITY	ROCKWELL AUTOMATION INC	\$ 367,845	2,939	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	SOUTHWEST AIRLINES CO	\$ 394,923	14,703	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	SUNTRUST BANKS INC	\$ 453,519	11,321	0.12		0
MML MANAGED VOLATILITY FD	EQUITY	TJX COMPANIES INC	\$ 790,925	14,881	0.20		0
MML MANAGED VOLATILITY FD	EQUITY	VULCAN MATERIALS CO	\$ 177,225	2,780	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	WALGREEN CO	\$ 1,383,118	18,658	0.35		0
MML MANAGED VOLATILITY FD	EQUITY	WEYERHAEUSER CO W/D	\$ 411,375	12,432	0.11		0
MML MANAGED VOLATILITY FD	EQUITY	WILLIAMS COS INC	\$ 847,538	14,560	0.22		0
MML MANAGED VOLATILITY FD	EQUITY	XILINX INC	\$ 270,377	5,715	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	YAHOO INC	\$ 698,806	19,892	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	ALTERA CORP	\$ 231,432	6,658	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	VERISIGN INC	\$ 128,077	2,624	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	HARTFORD FINANCIAL SVCS GRP	\$ 342,093	9,553	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	ELECTRONIC ARTS INC	\$ 239,755	6,684	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	FAMILY DOLLAR STORES	\$ 134,529	2,034	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	AFLAC INC	\$ 600,339	9,644	0.15		0
MML MANAGED VOLATILITY FD	EQUITY	PAYCHEX INC	\$ 286,016	6,882	0.07		0
MML MANAGED VOLATILITY FD	EQUITY	ROSS STORES INC	\$ 298,775	4,518	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	SCHLUMBERGER LTD	\$ 3,263,323	27,667	0.84		0
MML MANAGED VOLATILITY FD	EQUITY	AUTOZONE INC	\$ 378,585	706	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	AVERY DENNISON CORP	\$ 103,679	2,023	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	KROGER CO	\$ 535,228	10,828	0.14		0
MML MANAGED VOLATILITY FD	EQUITY	PEPSICO INC	\$ 2,878,088	32,215	0.74		0
MML MANAGED VOLATILITY FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 1,536,923	14,971	0.39		0
MML MANAGED VOLATILITY FD	EQUITY	BAKER HUGHES INC	\$ 689,481	9,261	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	BOEING CO/THE	\$ 1,812,900	14,249	0.46		0
MML MANAGED VOLATILITY FD	EQUITY	CORNING INC	\$ 610,232	27,801	0.16		0
MML MANAGED VOLATILITY FD	EQUITY	DOVER CORP	\$ 321,326	3,533	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	EQUIFAX INC	\$ 188,386	2,597	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	FEDEX CORP	\$ 892,688	5,897	0.23		0
MML MANAGED VOLATILITY FD	EQUITY	FISERV INC	\$ 319,274	5,293	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	HALLIBURTON CO	\$ 1,273,777	17,938	0.33		0
MML MANAGED VOLATILITY FD	EQUITY	HERSHEY CO/THE	\$ 308,858	3,172	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	KLA TENCOR CORPORATION	\$ 255,838	3,522	0.07		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	KOHL'S CORP	\$ 217,937	4,137	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	PPG INDUSTRIES INC	\$ 616,790	2,935	0.16		0
MML MANAGED VOLATILITY FD	EQUITY	PITNEY BOWES INC	\$ 118,959	4,307	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 372,438	1,800	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	NEWELL RUBBERMAID INC	\$ 182,035	5,874	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	ANADARKO PETROLEUM CORP	\$ 1,174,942	10,733	0.30		0
MML MANAGED VOLATILITY FD	EQUITY	DEERE + CO	\$ 700,314	7,734	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	KIMCO REALTY CORP	\$ 200,409	8,721	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	TIFFANY + CO	\$ 236,390	2,358	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	AVON PRODUCTS INC	\$ 134,865	9,231	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	VORNADO REALTY TRUST	\$ 395,221	3,703	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	ZIONS BANCORPORATION	\$ 115,788	3,929	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	AVALONBAY COMMUNITIES INC	\$ 367,703	2,586	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	BOSTON PROPERTIES INC	\$ 384,558	3,254	0.10		0
MML MANAGED VOLATILITY FD	EQUITY	EQUITY RESIDENTIAL	\$ 449,253	7,131	0.11		0
MML MANAGED VOLATILITY FD	EQUITY	HOST HOTELS + RESORTS INC	\$ 353,877	16,078	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	PUBLIC STORAGE	\$ 527,758	3,080	0.14		0
MML MANAGED VOLATILITY FD	EQUITY	SIMON PROPERTY GROUP INC	\$ 1,097,448	6,600	0.28		0
MML MANAGED VOLATILITY FD	EQUITY	AIR PRODUCTS + CHEMICALS INC	\$ 580,591	4,514	0.15		0
MML MANAGED VOLATILITY FD	EQUITY	AUTOMATIC DATA PROCESSING	\$ 812,144	10,244	0.21		0
MML MANAGED VOLATILITY FD	EQUITY	CIGNA CORP	\$ 524,781	5,706	0.13		0
MML MANAGED VOLATILITY FD	EQUITY	CATERPILLAR INC	\$ 1,441,616	13,266	0.37		0
MML MANAGED VOLATILITY FD	EQUITY	ECOLAB INC	\$ 639,537	5,744	0.16		0
MML MANAGED VOLATILITY FD	EQUITY	GENERAL MILLS INC	\$ 686,015	13,057	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	GOLDMAN SACHS GROUP INC	\$ 1,478,998	8,833	0.38		0
MML MANAGED VOLATILITY FD	EQUITY	WHIRLPOOL CORP	\$ 230,409	1,655	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	AMERICAN EXPRESS CO	\$ 1,834,596	19,338	0.47		0
MML MANAGED VOLATILITY FD	EQUITY	COCA COLA CO/THE	\$ 3,401,677	80,304	0.87		0
MML MANAGED VOLATILITY FD	EQUITY	MARRIOTT INTERNATIONAL CL A	\$ 299,155	4,667	0.08		0
MML MANAGED VOLATILITY FD	EQUITY	NIKE INC CL B	\$ 1,215,519	15,674	0.31		0
MML MANAGED VOLATILITY FD	EQUITY	ANALOG DEVICES INC	\$ 360,647	6,670	0.09		0
MML MANAGED VOLATILITY FD	EQUITY	BED BATH + BEYOND INC	\$ 248,513	4,331	0.06		0
MML MANAGED VOLATILITY FD	EQUITY	CARDINAL HEALTH INC	\$ 495,483	7,227	0.13		0
MML MANAGED VOLATILITY FD	EQUITY	COMPUTER SCIENCES CORP	\$ 194,403	3,076	0.05		0
MML MANAGED VOLATILITY FD	EQUITY	INTERPUBLIC GROUP OF COS INC	\$ 175,610	9,001	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 1,276,996	19,514	0.33		0
MML MANAGED VOLATILITY FD	EQUITY	INTEL CORP	\$ 3,268,108	105,764	0.84		0
MML MANAGED VOLATILITY FD	EQUITY	JOHNSON + JOHNSON	\$ 6,289,022	60,113	1.61		0
MML MANAGED VOLATILITY FD	EQUITY	JOHNSON CONTROLS INC	\$ 704,612	14,112	0.18		0
MML MANAGED VOLATILITY FD	EQUITY	ELI LILLY + CO	\$ 1,301,156	20,929	0.33		0
MML MANAGED VOLATILITY FD	EQUITY	MCDONALD S CORP	\$ 2,115,339	20,998	0.54		0
MML MANAGED VOLATILITY FD	EQUITY	STATE STREET CORP	\$ 615,631	9,153	0.16		0
MML MANAGED VOLATILITY FD	EQUITY	TARGET CORP	\$ 779,833	13,457	0.20		0
MML MANAGED VOLATILITY FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 2,069,095	17,922	0.53		0
MML MANAGED VOLATILITY FD	EQUITY	WASTE MANAGEMENT INC	\$ 411,337	9,196	0.11		0
MML MANAGED VOLATILITY FD	EQUITY	ALLEGHENY TECHNOLOGIES INC	\$ 104,136	2,309	0.03		0
MML MANAGED VOLATILITY FD	EQUITY	BANK OF AMERICA CORP	\$ 3,433,919	223,417	0.88		0
MML MANAGED VOLATILITY FD	EQUITY	EMERSON ELECTRIC CO	\$ 989,560	14,912	0.25		0
MML MANAGED VOLATILITY FD	EQUITY	HARRIS CORP	\$ 171,498	2,264	0.04		0
MML MANAGED VOLATILITY FD	EQUITY	INTL BUSINESS MACHINES CORP	\$ 3,663,467	20,210	0.94		0
MML MANAGED VOLATILITY FD	EQUITY	PALL CORP	\$ 198,703	2,327	0.05		0
MML MANAGED VOLATILITY FD	CASH	US DOLLAR	\$ 2,228	2,228	0.00		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	EDWARDS LIFESCIENCES CORP	\$ 192,110	2,238	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	ABBOTT LABORATORIES	\$ 1,304,996	31,907	0.33	0	
MML MANAGED VOLATILITY FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 1,708,134	35,212	0.44	0	
MML MANAGED VOLATILITY FD	EQUITY	WAL MART STORES INC	\$ 2,571,072	34,249	0.66	0	
MML MANAGED VOLATILITY FD	EQUITY	CAPITAL ONE FINANCIAL CORP	\$ 1,003,342	12,147	0.26	0	
MML MANAGED VOLATILITY FD	EQUITY	CISCO SYSTEMS INC	\$ 2,704,649	108,839	0.69	0	
MML MANAGED VOLATILITY FD	EQUITY	WALT DISNEY CO/THE	\$ 2,934,366	34,224	0.75	0	
MML MANAGED VOLATILITY FD	EQUITY	EMC CORP/MA	\$ 1,145,658	43,495	0.29	0	
MML MANAGED VOLATILITY FD	EQUITY	EXXON MOBIL CORP	\$ 9,186,345	91,243	2.35	0	
MML MANAGED VOLATILITY FD	EQUITY	GAP INC/THE	\$ 229,799	5,528	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	GENERAL ELECTRIC CO	\$ 5,598,980	213,051	1.43	0	
MML MANAGED VOLATILITY FD	EQUITY	HEWLETT PACKARD CO	\$ 1,339,184	39,762	0.34	0	
MML MANAGED VOLATILITY FD	EQUITY	HOME DEPOT INC	\$ 2,353,345	29,068	0.60	0	
MML MANAGED VOLATILITY FD	EQUITY	MCGRAW HILL FINANCIAL INC	\$ 479,830	5,779	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	DOW CHEMICAL CO/THE	\$ 1,316,450	25,582	0.34	0	
MML MANAGED VOLATILITY FD	EQUITY	GANNETT CO	\$ 150,946	4,821	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	ILLINOIS TOOL WORKS	\$ 705,996	8,063	0.18	0	
MML MANAGED VOLATILITY FD	EQUITY	LOWE S COS INC	\$ 1,017,100	21,194	0.26	0	
MML MANAGED VOLATILITY FD	EQUITY	MARSH + MCLENNAN COS	\$ 605,050	11,676	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	NUCOR CORP	\$ 333,324	6,768	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	SYSCO CORP	\$ 464,942	12,415	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	TEXTRON INC	\$ 227,098	5,931	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	XEROX CORP	\$ 288,732	23,210	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	COSTCO WHOLESALE CORP	\$ 1,072,600	9,314	0.27	0	
MML MANAGED VOLATILITY FD	EQUITY	CABOT OIL + GAS CORP	\$ 302,754	8,868	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	CELGENE CORP	\$ 1,460,647	17,008	0.37	0	
MML MANAGED VOLATILITY FD	EQUITY	CERNER CORP	\$ 323,561	6,273	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	COGNIZANT TECH SOLUTIONS A	\$ 632,211	12,926	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	FLIR SYSTEMS INC	\$ 104,537	3,010	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	FLOWERVE CORP	\$ 217,102	2,920	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	IRON MOUNTAIN INC	\$ 128,719	3,631	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	STERICYCLE INC	\$ 213,630	1,804	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	URBAN OUTFITTERS INC	\$ 73,273	2,164	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	WATERS CORP	\$ 188,619	1,806	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	WELLS FARGO + CO	\$ 5,352,395	101,834	1.37	0	
MML MANAGED VOLATILITY FD	EQUITY	BAXTER INTERNATIONAL INC	\$ 833,836	11,533	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	H+R BLOCK INC	\$ 195,187	5,823	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	CHUBB CORP	\$ 479,100	5,198	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	GENUINE PARTS CO	\$ 286,579	3,264	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	INTL FLAVORS + FRAGRANCES	\$ 179,987	1,726	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	KIMBERLY CLARK CORP	\$ 890,539	8,007	0.23	0	
MML MANAGED VOLATILITY FD	EQUITY	MASCO CORP	\$ 168,254	7,579	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 1,010,539	11,348	0.26	0	
MML MANAGED VOLATILITY FD	EQUITY	MEDTRONIC INC	\$ 1,353,242	21,224	0.35	0	
MML MANAGED VOLATILITY FD	EQUITY	MICROSOFT CORP	\$ 6,659,740	159,706	1.70	0	
MML MANAGED VOLATILITY FD	EQUITY	MICRON TECHNOLOGY INC	\$ 749,184	22,737	0.19	0	
MML MANAGED VOLATILITY FD	EQUITY	MORGAN STANLEY	\$ 961,365	29,736	0.25	0	
MML MANAGED VOLATILITY FD	EQUITY	OMNICOM GROUP	\$ 391,354	5,495	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	ORACLE CORP	\$ 2,956,420	72,944	0.76	0	
MML MANAGED VOLATILITY FD	EQUITY	PFIZER INC W/D	\$ 4,022,441	135,527	1.03	0	
MML MANAGED VOLATILITY FD	EQUITY	PRAXAIR INC	\$ 826,530	6,222	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	SAFEWAY INC	\$ 167,923	4,890	0.04	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	ESSEX PROPERTY TRUST INC	\$ 245,930	1,330	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	GILEAD SCIENCES INC	\$ 2,705,436	32,631	0.69	0	
MML MANAGED VOLATILITY FD	EQUITY	HEALTH CARE REIT INC	\$ 406,979	6,494	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 1,546,409	16,637	0.40	0	
MML MANAGED VOLATILITY FD	EQUITY	MYLAN INC	\$ 409,593	7,944	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	PROCTER + GAMBLE CO/THE	\$ 4,518,139	57,490	1.16	0	
MML MANAGED VOLATILITY FD	EQUITY	AES CORP	\$ 218,073	14,024	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	ALCOA INC	\$ 370,910	24,910	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	AMGEN INC	\$ 1,903,271	16,079	0.49	0	
MML MANAGED VOLATILITY FD	EQUITY	APPLE INC	\$ 11,905,076	128,108	3.05	0	
MML MANAGED VOLATILITY FD	EQUITY	BEST BUY CO INC	\$ 181,533	5,854	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	BOSTON SCIENTIFIC CORP	\$ 358,811	28,098	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	CVS CAREMARK CORP	\$ 1,872,342	24,842	0.48	0	
MML MANAGED VOLATILITY FD	EQUITY	MACERICH CO/THE	\$ 199,249	2,985	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	NVIDIA CORP	\$ 219,792	11,855	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	SANDISK CORP	\$ 501,682	4,804	0.13	0	
MML MANAGED VOLATILITY FD	EQUITY	SYMANTEC CORP	\$ 336,470	14,693	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	BECTON DICKINSON AND CO	\$ 485,976	4,108	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	CENTURYLINK INC	\$ 440,409	12,166	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	CLOROX COMPANY	\$ 250,162	2,737	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	CONAGRA FOODS INC	\$ 265,577	8,948	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	FRANKLIN RESOURCES INC	\$ 493,954	8,540	0.13	0	
MML MANAGED VOLATILITY FD	EQUITY	GENERAL DYNAMICS CORP	\$ 806,876	6,923	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	APPLIED MATERIALS INC	\$ 583,211	25,863	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	VALERO ENERGY CORP	\$ 568,134	11,340	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	WISCONSIN ENERGY CORP	\$ 224,841	4,792	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	AIRGAS INC	\$ 154,543	1,419	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	CHESAPEAKE ENERGY CORP	\$ 334,203	10,753	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	ENTERGY CORP	\$ 312,927	3,812	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	FMC CORP	\$ 201,112	2,825	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	FIRSTENERGY CORP	\$ 309,633	8,918	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	GOODYEAR TIRE + RUBBER CO	\$ 162,846	5,862	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	HELMERICH + PAYNE	\$ 266,705	2,297	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	HUMANA INC	\$ 419,560	3,285	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	INTERNATIONAL PAPER CO	\$ 464,627	9,206	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	KEYCORP	\$ 268,988	18,771	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	LAM RESEARCH CORP	\$ 232,746	3,444	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	LENNAR CORP A	\$ 156,921	3,738	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	VARIAN MEDICAL SYSTEMS INC	\$ 183,573	2,208	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 475,483	5,022	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	WESTERN DIGITAL CORP	\$ 410,089	4,443	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	AMPHENOL CORP CL A	\$ 321,583	3,338	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	APARTMENT INVT + MGMT CO A	\$ 100,327	3,109	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	BALL CORP	\$ 185,595	2,961	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	DENTSPLY INTERNATIONAL INC	\$ 142,713	3,014	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	LOCKHEED MARTIN CORP	\$ 910,535	5,665	0.23	0	
MML MANAGED VOLATILITY FD	EQUITY	NORFOLK SOUTHERN CORP	\$ 678,040	6,581	0.17	0	
MML MANAGED VOLATILITY FD	EQUITY	NORTHEAST UTILITIES	\$ 317,465	6,716	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	NORTHROP GRUMMAN CORP	\$ 544,317	4,550	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 1,712,895	16,690	0.44	0	
MML MANAGED VOLATILITY FD	EQUITY	OWENS ILLINOIS INC	\$ 121,586	3,510	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	P G + E CORP	\$ 474,149	9,874	0.12	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	PPL CORPORATION	\$ 476,884	13,422	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	PIONEER NATURAL RESOURCES CO	\$ 699,312	3,043	0.18	0	
MML MANAGED VOLATILITY FD	EQUITY	PUBLIC SERVICE ENTERPRISE GP	\$ 438,411	10,748	0.11	0	
MML MANAGED VOLATILITY FD	EQUITY	HARMAN INTERNATIONAL	\$ 155,236	1,445	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	PETSMART INC	\$ 126,238	2,111	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	PRECISION CASTPARTS CORP	\$ 777,140	3,079	0.20	0	
MML MANAGED VOLATILITY FD	EQUITY	QUEST DIAGNOSTICS INC	\$ 180,296	3,072	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	RANGE RESOURCES CORP	\$ 311,977	3,588	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	REGENERON PHARMACEUTICALS	\$ 479,069	1,696	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	TESORO CORP	\$ 161,284	2,749	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	TRACTOR SUPPLY COMPANY	\$ 177,697	2,942	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	ALEXION PHARMACEUTICALS INC	\$ 657,031	4,205	0.17	0	
MML MANAGED VOLATILITY FD	EQUITY	AMETEK INC	\$ 272,483	5,212	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	PULTEGROUP INC	\$ 145,999	7,242	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	RYDER SYSTEM INC	\$ 99,542	1,130	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	SCANA CORP	\$ 161,699	3,005	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 997,926	8,457	0.26	0	
MML MANAGED VOLATILITY FD	EQUITY	MARATHON OIL CORP	\$ 573,291	14,361	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	UNION PACIFIC CORP	\$ 1,919,789	19,246	0.49	0	
MML MANAGED VOLATILITY FD	EQUITY	PERKINELMER INC	\$ 112,838	2,409	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	ROPER INDUSTRIES INC	\$ 309,541	2,120	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	AGL RESOURCES INC	\$ 139,611	2,537	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	ALLSTATE CORP	\$ 541,398	9,220	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	AMEREN CORPORATION	\$ 210,655	5,153	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	AMERICAN ELECTRIC POWER	\$ 578,558	10,374	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	APACHE CORP	\$ 824,883	8,198	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	ARCHER DANIELS MIDLAND CO	\$ 613,217	13,902	0.16	0	
MML MANAGED VOLATILITY FD	EQUITY	AUTONATION INC	\$ 80,210	1,344	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	NEWMONT MINING CORP	\$ 269,384	10,589	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	FIFTH THIRD BANCORP	\$ 385,837	18,072	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	FREEMONT MCMORAN INC	\$ 805,519	22,069	0.21	0	
MML MANAGED VOLATILITY FD	EQUITY	BB+T CORP	\$ 601,899	15,265	0.15	0	
MML MANAGED VOLATILITY FD	EQUITY	COMERICA INC	\$ 193,367	3,855	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	SEMPRA ENERGY	\$ 507,111	4,843	0.13	0	
MML MANAGED VOLATILITY FD	EQUITY	LEGG MASON INC	\$ 112,061	2,184	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	PROGRESSIVE CORP	\$ 293,415	11,570	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	AMAZON.COM INC	\$ 2,571,608	7,918	0.66	0	
MML MANAGED VOLATILITY FD	EQUITY	MCKESSON CORP	\$ 911,684	4,896	0.23	0	
MML MANAGED VOLATILITY FD	EQUITY	BEMIS COMPANY	\$ 87,012	2,140	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	MOHAWK INDUSTRIES INC	\$ 179,289	1,296	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	CINTAS CORP	\$ 136,547	2,149	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	ROBERT HALF INTL INC	\$ 139,305	2,918	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	FASTENAL CO	\$ 286,993	5,799	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	L 3 COMMUNICATIONS HOLDINGS	\$ 221,456	1,834	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	EBAY INC	\$ 1,213,354	24,238	0.31	0	
MML MANAGED VOLATILITY FD	EQUITY	BROWN FORMAN CORP CLASS B	\$ 323,851	3,439	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	BORGWARNER INC	\$ 316,628	4,857	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	EOG RESOURCES INC	\$ 1,356,511	11,608	0.35	0	
MML MANAGED VOLATILITY FD	EQUITY	EDISON INTERNATIONAL	\$ 402,237	6,922	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	LINCOLN NATIONAL CORP	\$ 288,218	5,603	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	LOEWS CORP	\$ 285,581	6,489	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	NISOURCE INC	\$ 263,224	6,691	0.07	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED VOLATILITY FD	EQUITY	ONEOK INC	\$ 300,573	4,415	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	PINNACLE WEST CAPITAL	\$ 135,750	2,347	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	SOUTHERN CO/THE	\$ 858,907	18,927	0.22	0	
MML MANAGED VOLATILITY FD	EQUITY	TECO ENERGY INC	\$ 80,351	4,348	0.02	0	
MML MANAGED VOLATILITY FD	EQUITY	UNUM GROUP	\$ 190,033	5,467	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	SOUTHWESTERN ENERGY CO	\$ 341,311	7,503	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	CMS ENERGY CORP	\$ 178,271	5,723	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	CSX CORP	\$ 657,609	21,344	0.17	0	
MML MANAGED VOLATILITY FD	EQUITY	CINCINNATI FINANCIAL CORP	\$ 150,317	3,129	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	CONSOLIDATED EDISON INC	\$ 359,201	6,221	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	CUMMINS INC	\$ 561,153	3,637	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	DR HORTON INC	\$ 149,496	6,082	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	DTE ENERGY COMPANY	\$ 292,869	3,761	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	DEVON ENERGY CORPORATION	\$ 646,872	8,147	0.17	0	
MML MANAGED VOLATILITY FD	EQUITY	DOMINION RESOURCES INC/VA	\$ 883,987	12,360	0.23	0	
MML MANAGED VOLATILITY FD	EQUITY	EASTMAN CHEMICAL CO	\$ 278,472	3,188	0.07	0	
MML MANAGED VOLATILITY FD	EQUITY	DARDEN RESTAURANTS INC	\$ 129,926	2,808	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	HUDSON CITY BANCORP INC	\$ 99,421	10,114	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	DENBURY RESOURCES INC	\$ 137,933	7,472	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	CONSOL ENERGY INC	\$ 225,098	4,886	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	TOTAL SYSTEM SERVICES INC	\$ 110,783	3,527	0.03	0	
MML MANAGED VOLATILITY FD	EQUITY	VENTAS INC	\$ 401,138	6,258	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	RED HAT INC	\$ 222,462	4,025	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	F5 NETWORKS INC	\$ 179,753	1,613	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	PLUM CREEK TIMBER CO	\$ 169,711	3,763	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	INTUIT INC	\$ 485,676	6,031	0.12	0	
MML MANAGED VOLATILITY FD	EQUITY	WHOLE FOODS MARKET INC	\$ 301,584	7,807	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	LEUCADIA NATIONAL CORP	\$ 176,565	6,734	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	HUNTINGTON BANCSHARES INC	\$ 167,761	17,585	0.04	0	
MML MANAGED VOLATILITY FD	EQUITY	STRYKER CORP	\$ 529,783	6,283	0.14	0	
MML MANAGED VOLATILITY FD	EQUITY	ESTEE LAUDER COMPANIES CL A	\$ 398,553	5,367	0.10	0	
MML MANAGED VOLATILITY FD	EQUITY	CITRIX SYSTEMS INC	\$ 217,862	3,483	0.06	0	
MML MANAGED VOLATILITY FD	EQUITY	NORTHERN TRUST CORP	\$ 303,521	4,727	0.08	0	
MML MANAGED VOLATILITY FD	EQUITY	NORDSTROM INC	\$ 203,111	2,990	0.05	0	
MML MANAGED VOLATILITY FD	EQUITY	KELLOGG CO	\$ 355,568	5,412	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	M + T BANK CORP	\$ 346,596	2,794	0.09	0	
MML MANAGED VOLATILITY FD	EQUITY	EXPEDITORS INTL WASH INC	\$ 185,295	4,196	0.05	0	
MML SM CAP GROWTH-W&R	EQUITY	MEDIDATA SOLUTIONS INC	\$ 1,224,366	28,600	1.52	0	
MML SM CAP GROWTH-W&R	EQUITY	NCI BUILDING SYSTEMS INC	\$ 1,208,546	62,200	1.50	0	
MML SM CAP GROWTH-W&R	EQUITY	FINANCIAL ENGINES INC	\$ 679,200	15,000	0.84	0	
MML SM CAP GROWTH-W&R	EQUITY	CORNERSTONE ONDEMAND INC	\$ 1,012,440	22,000	1.26	0	
MML SM CAP GROWTH-W&R	EQUITY	GUIDEWIRE SOFTWARE INC	\$ 878,256	21,600	1.09	0	
MML SM CAP GROWTH-W&R	EQUITY	WAGEWORKS INC	\$ 969,021	20,100	1.20	0	
MML SM CAP GROWTH-W&R	EQUITY	FIVE BELOW	\$ 1,783,977	44,700	2.21	0	
MML SM CAP GROWTH-W&R	EQUITY	KYTHERA BIOPHARMACEUTICALS I	\$ 840,303	21,900	1.04	0	
MML SM CAP GROWTH-W&R	EQUITY	XOOM CORP	\$ 2,794,160	106,000	3.47	0	
MML SM CAP GROWTH-W&R	EQUITY	EVERTEC INC	\$ 1,068,984	44,100	1.33	0	
MML SM CAP GROWTH-W&R	CASH EQUIVALENT	STATE STREET REPO	\$ 3,378,080	3,378,080	4.19	0.01	7/1/2014
MML SM CAP GROWTH-W&R	EQUITY	OPENTABLE INC	\$ 4,040,400	39,000	5.01	0	
MML SM CAP GROWTH-W&R	EQUITY	WATSCO INC	\$ 3,062,248	29,800	3.80	0	
MML SM CAP GROWTH-W&R	EQUITY	CARBO CERAMICS INC	\$ 1,695,320	11,000	2.10	0	
MML SM CAP GROWTH-W&R	EQUITY	GRACO INC	\$ 788,608	10,100	0.98	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SM CAP GROWTH-W&R	EQUITY	FEI COMPANY	\$ 1,578,702	17,400	1.96	0	
MML SM CAP GROWTH-W&R	EQUITY	HARMAN INTERNATIONAL	\$ 2,051,913	19,100	2.55	0	
MML SM CAP GROWTH-W&R	EQUITY	HEALTHCARE SERVICES GROUP	\$ 1,112,832	37,800	1.38	0	
MML SM CAP GROWTH-W&R	EQUITY	HEXCEL CORP	\$ 1,656,450	40,500	2.06	0	
MML SM CAP GROWTH-W&R	EQUITY	MIDDLEBY CORP	\$ 1,861,200	22,500	2.31	0	
MML SM CAP GROWTH-W&R	EQUITY	PANERA BREAD COMPANY CLASS A	\$ 2,577,076	17,200	3.20	0	
MML SM CAP GROWTH-W&R	EQUITY	TORO CO	\$ 2,016,120	31,700	2.50	0	
MML SM CAP GROWTH-W&R	EQUITY	TYLER TECHNOLOGIES INC	\$ 2,635,969	28,900	3.27	0	
MML SM CAP GROWTH-W&R	EQUITY	BALCHEM CORP	\$ 658,788	12,300	0.82	0	
MML SM CAP GROWTH-W&R	EQUITY	CYBERONICS INC	\$ 3,116,754	49,900	3.87	0	
MML SM CAP GROWTH-W&R	EQUITY	DRIL QUIP INC	\$ 2,097,408	19,200	2.60	0	
MML SM CAP GROWTH-W&R	EQUITY	HAIN CELESTIAL GROUP INC	\$ 1,952,280	22,000	2.42	0	
MML SM CAP GROWTH-W&R	EQUITY	TENNANT CO	\$ 1,633,248	21,400	2.03	0	
MML SM CAP GROWTH-W&R	EQUITY	ULTIMATE SOFTWARE GROUP INC	\$ 1,934,380	14,000	2.40	0	
MML SM CAP GROWTH-W&R	EQUITY	WABTEC CORP	\$ 677,238	8,200	0.84	0	
MML SM CAP GROWTH-W&R	EQUITY	COGNEX CORP	\$ 1,877,760	48,900	2.33	0	
MML SM CAP GROWTH-W&R	EQUITY	FACTSET RESEARCH SYSTEMS INC	\$ 1,691,377	14,062	2.10	0	
MML SM CAP GROWTH-W&R	EQUITY	KRISPY KREME DOUGHNUTS INC	\$ 1,642,744	102,800	2.04	0	
MML SM CAP GROWTH-W&R	EQUITY	CORE LABORATORIES N.V.	\$ 885,418	5,300	1.10	0	
MML SM CAP GROWTH-W&R	EQUITY	ACUIY BRANDS INC	\$ 1,645,175	11,900	2.04	0	
MML SM CAP GROWTH-W&R	EQUITY	PORTFOLIO RECOVERY ASSOCIATE	\$ 3,607,518	60,600	4.48	0	
MML SM CAP GROWTH-W&R	EQUITY	GREENHILL + CO INC	\$ 822,475	16,700	1.02	0	
MML SM CAP GROWTH-W&R	EQUITY	DEXCOM INC	\$ 3,446,454	86,900	4.28	0	
MML SM CAP GROWTH-W&R	EQUITY	ZUMIEZ INC	\$ 1,616,774	58,600	2.01	0	
MML SM CAP GROWTH-W&R	EQUITY	RBC BEARINGS INC	\$ 2,927,085	45,700	3.63	0	
MML SM CAP GROWTH-W&R	EQUITY	ARMSTRONG WORLD INDUSTRIES	\$ 2,923,187	50,900	3.63	0	
MML SM CAP GROWTH-W&R	EQUITY	HFF INC CLASS A	\$ 1,275,617	34,300	1.58	0	
MML SM CAP GROWTH-W&R	EQUITY	MONOTYPE IMAGING HOLDINGS IN	\$ 909,891	32,300	1.13	0	
MML SM CAP GROWTH-W&R	EQUITY	VIRTUSA CORP	\$ 2,341,320	65,400	2.90	0	
MML SM CAP GROWTH-KA	EQUITY	MINERALS TECHNOLOGIES INC	\$ 1,630,647	24,865	1.57	0	
MML SM CAP GROWTH-KA	EQUITY	TIVO INC	\$ 1,007,496	78,040	0.97	0	
MML SM CAP GROWTH-KA	EQUITY	CONVERGYS CORP	\$ 962,978	44,915	0.93	0	
MML SM CAP GROWTH-KA	EQUITY	CAPSTONE TURBINE CORP	\$ 369,799	244,900	0.36	0	
MML SM CAP GROWTH-KA	EQUITY	ON SEMICONDUCTOR CORPORATION	\$ 1,019,156	111,505	0.98	0	
MML SM CAP GROWTH-KA	EQUITY	KINDRED HEALTHCARE INC	\$ 1,364,517	59,070	1.32	0	
MML SM CAP GROWTH-KA	EQUITY	JETBLUE AIRWAYS CORP	\$ 1,064,385	98,100	1.03	0	
MML SM CAP GROWTH-KA	EQUITY	VERINT SYSTEMS INC	\$ 1,015,335	20,700	0.98	0	
MML SM CAP GROWTH-KA	EQUITY	SANDERSON FARMS INC	\$ 817,938	8,415	0.79	0	
MML SM CAP GROWTH-KA	EQUITY	SOUTHWEST GAS CORP	\$ 912,211	17,280	0.88	0	
MML SM CAP GROWTH-KA	EQUITY	STANDARD PACIFIC CORP	\$ 1,155,367	134,345	1.12	0	
MML SM CAP GROWTH-KA	EQUITY	WATTS WATER TECHNOLOGIES A	\$ 167,280	3,000	0.16	0	
MML SM CAP GROWTH-KA	EQUITY	ABIOMED INC	\$ 1,030,363	40,985	0.99	0	
MML SM CAP GROWTH-KA	EQUITY	DENNY S CORP	\$ 812,392	124,600	0.78	0	
MML SM CAP GROWTH-KA	EQUITY	CHEESECAKE FACTORY INC/THE	\$ 1,230,362	26,505	1.19	0	
MML SM CAP GROWTH-KA	EQUITY	CHURCHILL DOWNS INC	\$ 1,395,804	15,490	1.35	0	
MML SM CAP GROWTH-KA	EQUITY	DIGITAL RIVER INC	\$ 378,112	24,505	0.37	0	
MML SM CAP GROWTH-KA	EQUITY	WISDOMTREE INVESTMENTS INC	\$ 699,391	56,585	0.68	0	
MML SM CAP GROWTH-KA	EQUITY	NANOMETRICS INC	\$ 504,521	27,645	0.49	0	
MML SM CAP GROWTH-KA	EQUITY	ROGERS CORP	\$ 854,256	12,875	0.82	0	
MML SM CAP GROWTH-KA	EQUITY	BANCFIRST CORP	\$ 1,027,540	16,600	0.99	0	
MML SM CAP GROWTH-KA	EQUITY	FAIRCHILD SEMICONDUCTOR INTE	\$ 219,804	14,090	0.21	0	
MML SM CAP GROWTH-KA	EQUITY	FIRST INDUSTRIAL REALTY TR	\$ 1,275,091	67,680	1.23	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SM CAP GROWTH-KA	EQUITY	REDWOOD TRUST INC	\$ 990,536	50,875	0.96		0
MML SM CAP GROWTH-KA	EQUITY	SILICON LABORATORIES INC	\$ 1,159,345	23,540	1.12		0
MML SM CAP GROWTH-KA	EQUITY	ALLEGHENY TECHNOLOGIES INC	\$ 811,124	17,985	0.78		0
MML SM CAP GROWTH-KA	EQUITY	TELEDYNE TECHNOLOGIES INC	\$ 1,238,432	12,745	1.20		0
MML SM CAP GROWTH-KA	EQUITY	GREENCORE GROUP PLC	\$ 995,883	219,076	0.96		0
MML SM CAP GROWTH-KA	EQUITY	ISHARES RUSSELL 2000 ETF	\$ 1,815,536	15,281	1.75		0
MML SM CAP GROWTH-KA	EQUITY	INTERNATIONAL BANCSHARES CRP	\$ 1,190,160	44,080	1.15		0
MML SM CAP GROWTH-KA	EQUITY	IMAX CORP	\$ 817,234	28,695	0.79		0
MML SM CAP GROWTH-KA	EQUITY	CHARLES RIVER LABORATORIES	\$ 1,218,383	22,765	1.18		0
MML SM CAP GROWTH-KA	EQUITY	INVESTMENT TECHNOLOGY GROUP	\$ 935,321	55,410	0.90		0
MML SM CAP GROWTH-KA	EQUITY	LIFEPPOINT HOSPITALS INC	\$ 996,705	16,050	0.96		0
MML SM CAP GROWTH-KA	EQUITY	ASSOCIATED BANC CORP	\$ 1,046,742	57,895	1.01		0
MML SM CAP GROWTH-KA	EQUITY	AK STEEL HOLDING CORP	\$ 1,095,455	137,620	1.06		0
MML SM CAP GROWTH-KA	EQUITY	GATX CORP	\$ 796,785	12,100	0.77		0
MML SM CAP GROWTH-KA	EQUITY	TENNECO INC	\$ 1,015,394	15,455	0.98		0
MML SM CAP GROWTH-KA	EQUITY	COLUMBIA BANKING SYSTEM INC	\$ 504,363	19,170	0.49		0
MML SM CAP GROWTH-KA	EQUITY	ESTERLINE TECHNOLOGIES CORP	\$ 815,625	7,085	0.79		0
MML SM CAP GROWTH-KA	EQUITY	HAVERTY FURNITURE	\$ 907,193	36,100	0.88		0
MML SM CAP GROWTH-KA	EQUITY	LENNOX INTERNATIONAL INC	\$ 494,874	5,525	0.48		0
MML SM CAP GROWTH-KA	EQUITY	MICROSEMI CORP	\$ 1,092,745	40,835	1.06		0
MML SM CAP GROWTH-KA	EQUITY	MOOG INC CLASS A	\$ 1,230,019	16,875	1.19		0
MML SM CAP GROWTH-KA	EQUITY	ORBITAL SCIENCES CORP	\$ 1,194,263	40,415	1.15		0
MML SM CAP GROWTH-KA	EQUITY	QUIDEL CORP	\$ 678,777	30,700	0.66		0
MML SM CAP GROWTH-KA	EQUITY	HSN INC	\$ 969,463	16,365	0.94		0
MML SM CAP GROWTH-KA	EQUITY	PEBBLEBROOK HOTEL TRUST	\$ 1,139,846	30,840	1.10		0
MML SM CAP GROWTH-KA	EQUITY	PTC INC	\$ 1,255,568	32,360	1.21		0
MML SM CAP GROWTH-KA	EQUITY	BOISE CASCADE CO	\$ 727,456	25,400	0.70		0
MML SM CAP GROWTH-KA	EQUITY	CONSTELLIUM NV CLASS A	\$ 641,040	19,995	0.62		0
MML SM CAP GROWTH-KA	EQUITY	NRG YIELD INC CLASS A	\$ 1,264,295	24,290	1.22		0
MML SM CAP GROWTH-KA	EQUITY	FOUNDATION MEDICINE INC	\$ 819,584	30,400	0.79		0
MML SM CAP GROWTH-KA	EQUITY	PATTERN ENERGY GROUP INC	\$ 1,122,098	33,890	1.08		0
MML SM CAP GROWTH-KA	EQUITY	RSP PERMIAN INC	\$ 1,153,729	35,565	1.11		0
MML SM CAP GROWTH-KA	CASH EQUIVALENT	STATE STREET REPO	\$ 834,726	834,726	0.81	0.01	7/1/2014
MML SM CAP GROWTH-KA	EQUITY	DROPBOX INC	\$ 172,389	11,789	0.17		0
MML SM CAP GROWTH-KA	EQUITY	CADENCE DESIGN SYS INC	\$ 1,217,304	69,600	1.18		0
MML SM CAP GROWTH-KA	EQUITY	SUNOPTA INC	\$ 271,744	19,300	0.26		0
MML SM CAP GROWTH-KA	EQUITY	IAC/INTERACTIVECORP	\$ 1,016,643	14,685	0.98		0
MML SM CAP GROWTH-KA	EQUITY	MFA FINANCIAL INC	\$ 841,238	102,465	0.81		0
MML SM CAP GROWTH-KA	EQUITY	MOLINA HEALTHCARE INC	\$ 1,140,073	25,545	1.10		0
MML SM CAP GROWTH-KA	EQUITY	HORNBECK OFFSHORE SERVICES	\$ 863,328	18,400	0.83		0
MML SM CAP GROWTH-KA	EQUITY	FIRST HORIZON NATIONAL CORP	\$ 941,684	79,400	0.91		0
MML SM CAP GROWTH-KA	EQUITY	WELLCARE HEALTH PLANS INC	\$ 1,107,954	14,840	1.07		0
MML SM CAP GROWTH-KA	EQUITY	HURON CONSULTING GROUP INC	\$ 530,442	7,490	0.51		0
MML SM CAP GROWTH-KA	EQUITY	DREAMWORKS ANIMATION SKG A	\$ 871,320	37,460	0.84		0
MML SM CAP GROWTH-KA	EQUITY	MONOLITHIC POWER SYSTEMS INC	\$ 663,625	15,670	0.64		0
MML SM CAP GROWTH-KA	EQUITY	FREIGHTCAR AMERICA INC	\$ 395,457	15,793	0.38		0
MML SM CAP GROWTH-KA	EQUITY	WESTERN REFINING INC	\$ 912,653	24,305	0.88		0
MML SM CAP GROWTH-KA	EQUITY	CON WAY INC	\$ 779,843	15,470	0.75		0
MML SM CAP GROWTH-KA	EQUITY	DELEK US HOLDINGS INC	\$ 984,945	34,890	0.95		0
MML SM CAP GROWTH-KA	EQUITY	VONAGE HOLDINGS CORP	\$ 1,078,050	287,480	1.04		0
MML SM CAP GROWTH-KA	EQUITY	VOLCANO CORP	\$ 849,154	48,220	0.82		0
MML SM CAP GROWTH-KA	EQUITY	CIENA CORP	\$ 509,335	23,515	0.49		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SM CAP GROWTH-KA	EQUITY	EHEALTH INC	\$ 1,352,871	35,630	1.31	0	
MML SM CAP GROWTH-KA	EQUITY	ARMSTRONG WORLD INDUSTRIES	\$ 1,450,108	25,250	1.40	0	
MML SM CAP GROWTH-KA	EQUITY	DOUGLAS EMMETT INC	\$ 838,134	29,700	0.81	0	
MML SM CAP GROWTH-KA	EQUITY	FIRST SOLAR INC	\$ 1,006,210	14,160	0.97	0	
MML SM CAP GROWTH-KA	EQUITY	KAPSTONE PAPER AND PACKAGING	\$ 1,306,482	39,435	1.26	0	
MML SM CAP GROWTH-KA	EQUITY	INSULET CORP	\$ 979,056	24,680	0.95	0	
MML SM CAP GROWTH-KA	EQUITY	ARGO GROUP INTERNATIONAL	\$ 1,317,360	25,775	1.27	0	
MML SM CAP GROWTH-KA	EQUITY	TRUEBLUE INC	\$ 1,031,669	37,420	1.00	0	
MML SM CAP GROWTH-KA	EQUITY	DANA HOLDING CORP	\$ 1,294,016	52,990	1.25	0	
MML SM CAP GROWTH-KA	EQUITY	GRAPHIC PACKAGING HOLDING CO	\$ 1,858,721	158,865	1.79	0	
MML SM CAP GROWTH-KA	EQUITY	PACWEST BANCORP	\$ 924,442	21,414	0.89	0	
MML SM CAP GROWTH-KA	EQUITY	TW TELECOM INC	\$ 1,629,129	40,415	1.57	0	
MML SM CAP GROWTH-KA	EQUITY	JOHN BEAN TECHNOLOGIES CORP	\$ 557,355	17,985	0.54	0	
MML SM CAP GROWTH-KA	EQUITY	SOLAR CAPITAL LTD	\$ 817,471	38,415	0.79	0	
MML SM CAP GROWTH-KA	EQUITY	FINANCIAL ENGINES INC	\$ 845,378	18,670	0.82	0	
MML SM CAP GROWTH-KA	EQUITY	PRIMERICA INC	\$ 996,237	20,820	0.96	0	
MML SM CAP GROWTH-KA	EQUITY	BROADSOFT INC	\$ 837,909	31,751	0.81	0	
MML SM CAP GROWTH-KA	EQUITY	ENVESTNET INC	\$ 672,405	13,745	0.65	0	
MML SM CAP GROWTH-KA	EQUITY	BRAVO BRIO RESTAURANT GROUP	\$ 949,166	60,805	0.92	0	
MML SM CAP GROWTH-KA	EQUITY	SWIFT TRANSPORTATION CO	\$ 1,061,174	42,060	1.02	0	
MML SM CAP GROWTH-KA	EQUITY	BANKRATE INC	\$ 928,568	52,940	0.90	0	
MML SM CAP GROWTH-KA	EQUITY	ACADIA HEALTHCARE CO INC	\$ 996,905	21,910	0.96	0	
MML SM CAP GROWTH-KA	EQUITY	IMPERVA INC	\$ 298,452	11,400	0.29	0	
MML SM CAP GROWTH-KA	EQUITY	SUNPOWER CORP	\$ 1,190,469	29,050	1.15	0	
MML SM CAP GROWTH-KA	EQUITY	DEMANDWARE INC	\$ 829,318	11,955	0.80	0	
MML SM CAP GROWTH-KA	EQUITY	MRC GLOBAL INC	\$ 1,004,578	35,510	0.97	0	
MML SM CAP GROWTH-KA	EQUITY	TUMI HOLDINGS INC	\$ 1,130,400	56,155	1.09	0	
MML SM CAP GROWTH-KA	EQUITY	MIMEDX GROUP INC	\$ 278,105	39,225	0.27	0	
MML SM CAP GROWTH-KA	EQUITY	ALEXANDER + BALDWIN INC	\$ 1,119,565	27,010	1.08	0	
MML SM CAP GROWTH-KA	EQUITY	HYPERION THERAPEUTICS INC	\$ 443,309	16,985	0.43	0	
MML SM CAP GROWTH-KA	EQUITY	GLOBUS MEDICAL INC A	\$ 964,813	40,335	0.93	0	
MML SM CAP GROWTH-KA	EQUITY	DIAMONDBACK ENERGY INC	\$ 1,343,100	15,125	1.30	0	
MML SM CAP GROWTH-KA	EQUITY	WEX INC	\$ 1,129,477	10,760	1.09	0	
MML SM CAP GROWTH-KA	EQUITY	EXELIXIS INC	\$ 170,856	50,400	0.16	0	
MML SM CAP GROWTH-KA	EQUITY	NEW YORK TIMES CO A	\$ 988,042	64,960	0.95	0	
MML SM CAP GROWTH-SA	EQUITY	INSULET CORP	\$ 1,002,659	25,275	1.14	0	
MML SM CAP GROWTH-SA	EQUITY	VIRTUSA CORP	\$ 932,841	26,057	1.06	0	
MML SM CAP GROWTH-SA	EQUITY	CONSTANT CONTACT INC	\$ 973,190	30,308	1.10	0	
MML SM CAP GROWTH-SA	EQUITY	TRUEBLUE INC	\$ 952,406	34,545	1.08	0	
MML SM CAP GROWTH-SA	EQUITY	PACWEST BANCORP	\$ 1,037,505	24,033	1.17	0	
MML SM CAP GROWTH-SA	EQUITY	HSN INC	\$ 1,137,586	19,203	1.29	0	
MML SM CAP GROWTH-SA	EQUITY	WEB.COM GROUP INC	\$ 1,355,591	46,955	1.53	0	
MML SM CAP GROWTH-SA	EQUITY	VIRTUS INVESTMENT PARTNERS	\$ 860,976	4,066	0.97	0	
MML SM CAP GROWTH-SA	EQUITY	DIGITALGLOBE INC	\$ 897,829	32,296	1.02	0	
MML SM CAP GROWTH-SA	EQUITY	HEARTWARE INTERNATIONAL INC	\$ 1,069,346	12,083	1.21	0	
MML SM CAP GROWTH-SA	EQUITY	KENNEDY WILSON HOLDINGS INC	\$ 1,032,087	38,482	1.17	0	
MML SM CAP GROWTH-SA	EQUITY	PEBBLEBROOK HOTEL TRUST	\$ 438,567	11,866	0.50	0	
MML SM CAP GROWTH-SA	EQUITY	TEAM HEALTH HOLDINGS INC	\$ 1,150,867	23,045	1.30	0	
MML SM CAP GROWTH-SA	EQUITY	IRONWOOD PHARMACEUTICALS INC	\$ 424,181	27,670	0.48	0	
MML SM CAP GROWTH-SA	EQUITY	GENERAC HOLDINGS INC	\$ 733,342	15,046	0.83	0	
MML SM CAP GROWTH-SA	EQUITY	EXAMWORKS GROUP INC	\$ 855,695	26,968	0.97	0	
MML SM CAP GROWTH-SA	EQUITY	SWIFT TRANSPORTATION CO	\$ 1,092,888	43,317	1.24	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SM CAP GROWTH-SA	EQUITY	PACIRA PHARMACEUTICALS INC	\$ 701,076	7,632	0.79	0	
MML SM CAP GROWTH-SA	EQUITY	SPIRIT AIRLINES INC	\$ 802,136	12,684	0.91	0	
MML SM CAP GROWTH-SA	EQUITY	FREESCALE SEMICONDUCTOR LTD	\$ 742,906	31,613	0.84	0	
MML SM CAP GROWTH-SA	EQUITY	SAMSONITE INTERNATIONAL SA	\$ 791,753	240,170	0.90	0	
MML SM CAP GROWTH-SA	EQUITY	BANKRATE INC	\$ 993,887	56,664	1.13	0	
MML SM CAP GROWTH-SA	EQUITY	LATTICE SEMICONDUCTOR CORP	\$ 672,218	81,481	0.76	0	
MML SM CAP GROWTH-SA	EQUITY	SILICON LABORATORIES INC	\$ 845,229	17,162	0.96	0	
MML SM CAP GROWTH-SA	EQUITY	SKECHERS USA INC CL A	\$ 759,671	16,623	0.86	0	
MML SM CAP GROWTH-SA	EQUITY	CONCUR TECHNOLOGIES INC	\$ 713,958	7,649	0.81	0	
MML SM CAP GROWTH-SA	EQUITY	ACXIOM CORP	\$ 414,344	19,103	0.47	0	
MML SM CAP GROWTH-SA	EQUITY	IMAX CORP	\$ 992,471	34,848	1.12	0	
MML SM CAP GROWTH-SA	EQUITY	WESCO INTERNATIONAL INC	\$ 1,019,111	11,798	1.15	0	
MML SM CAP GROWTH-SA	CASH	HONG KONG DOLLAR	\$ 1	11	0.00	0	
MML SM CAP GROWTH-SA	EQUITY	TENNECO INC	\$ 1,116,046	16,987	1.26	0	
MML SM CAP GROWTH-SA	EQUITY	APPLIED INDUSTRIAL TECH INC	\$ 1,228,782	24,222	1.39	0	
MML SM CAP GROWTH-SA	EQUITY	CLEAN HARBORS INC	\$ 1,306,138	20,329	1.48	0	
MML SM CAP GROWTH-SA	EQUITY	MOOG INC CLASS A	\$ 888,092	12,184	1.01	0	
MML SM CAP GROWTH-SA	EQUITY	NPS PHARMACEUTICALS INC	\$ 612,747	18,540	0.69	0	
MML SM CAP GROWTH-SA	EQUITY	OLD DOMINION FREIGHT LINE	\$ 792,498	12,445	0.90	0	
MML SM CAP GROWTH-SA	EQUITY	ORBITAL SCIENCES CORP	\$ 684,319	23,158	0.77	0	
MML SM CAP GROWTH-SA	EQUITY	PANERA BREAD COMPANY CLASS A	\$ 778,667	5,197	0.88	0	
MML SM CAP GROWTH-SA	EQUITY	STANDARD PACIFIC CORP	\$ 919,478	106,916	1.04	0	
MML SM CAP GROWTH-SA	EQUITY	TYLER TECHNOLOGIES INC	\$ 976,038	10,701	1.11	0	
MML SM CAP GROWTH-SA	EQUITY	WATTS WATER TECHNOLOGIES A	\$ 67,718	1,097	0.08	0	
MML SM CAP GROWTH-SA	EQUITY	BIOCRYST PHARMACEUTICALS INC	\$ 156,825	12,300	0.18	0	
MML SM CAP GROWTH-SA	EQUITY	COSTAR GROUP INC	\$ 778,671	4,923	0.88	0	
MML SM CAP GROWTH-SA	EQUITY	COVANCE INC	\$ 930,340	10,871	1.05	0	
MML SM CAP GROWTH-SA	EQUITY	HEADWATERS INC	\$ 520,625	37,482	0.59	0	
MML SM CAP GROWTH-SA	EQUITY	CUBIST PHARMACEUTICALS INC	\$ 781,146	11,188	0.88	0	
MML SM CAP GROWTH-SA	EQUITY	WISDOMTREE INVESTMENTS INC	\$ 452,883	36,641	0.51	0	
MML SM CAP GROWTH-SA	EQUITY	LANDSTAR SYSTEM INC	\$ 858,304	13,411	0.97	0	
MML SM CAP GROWTH-SA	EQUITY	STEVEN MADDEN LTD	\$ 446,483	13,017	0.51	0	
MML SM CAP GROWTH-SA	EQUITY	MAXIMUS INC	\$ 585,545	13,611	0.66	0	
MML SM CAP GROWTH-SA	EQUITY	TUESDAY MORNING CORP	\$ 617,053	34,627	0.70	0	
MML SM CAP GROWTH-SA	EQUITY	COGNEX CORP	\$ 958,502	24,961	1.09	0	
MML SM CAP GROWTH-SA	EQUITY	ALTRA INDUSTRIAL MOTION CORP	\$ 1,346,721	37,008	1.52	0	
MML SM CAP GROWTH-SA	EQUITY	HFF INC CLASS A	\$ 887,725	23,870	1.01	0	
MML SM CAP GROWTH-SA	EQUITY	KAPSTONE PAPER AND PACKAGING	\$ 713,024	21,522	0.81	0	
MML SM CAP GROWTH-SA	EQUITY	AECOM TECHNOLOGY CORP	\$ 754,414	23,429	0.85	0	
MML SM CAP GROWTH-SA	EQUITY	PLATFORM SPECIALTY PRODUCTS	\$ 865,819	30,889	0.98	0	
MML SM CAP GROWTH-SA	EQUITY	DOCUSIGN INC. SERIES B	\$ 6,904	456	0.01	0	
MML SM CAP GROWTH-SA	EQUITY	WL ROSS HOLDING CORP	\$ 271,920	26,400	0.31	0	
MML SM CAP GROWTH-SA	CASH EQUIVALENT	STATE STREET REPO	\$ 1,557,566	1,557,566	1.76	0.01	7/1/2014
MML SM CAP GROWTH-SA	EQUITY	TELOGIS	\$ 65,099	80,369	0.07	0	
MML SM CAP GROWTH-SA	EQUITY	TELOGIS	\$ 467,352	109,450	0.53	0	
MML SM CAP GROWTH-SA	EQUITY	DOCUSIGN INC. SERIES E	\$ 177,660	8,460	0.20	0	
MML SM CAP GROWTH-SA	EQUITY	DOCUSIGN INC. SERIES D	\$ 5,000	327	0.01	0	
MML SM CAP GROWTH-SA	EQUITY	DOCUSIGN INC. SERIES B 1	\$ 2,059	136	0.00	0	
MML SM CAP GROWTH-SA	EQUITY	CLOUDERA INC SERIES F CVT PFD	\$ 175,710	12,068	0.20	0	
MML SM CAP GROWTH-SA	EQUITY	SUNEDISON INC	\$ 512,455	22,675	0.58	0	
MML SM CAP GROWTH-SA	EQUITY	HD SUPPLY HOLDINGS INC	\$ 869,898	30,641	0.98	0	
MML SM CAP GROWTH-SA	EQUITY	SPROUTS FARMERS MARKET INC	\$ 507,291	15,504	0.57	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SM CAP GROWTH-SA	EQUITY	ATHLON ENERGY INC	\$ 1,108,834	23,246	1.26	0	
MML SM CAP GROWTH-SA	EQUITY	ENVISION HEALTHCARE HOLDINGS	\$ 833,471	23,210	0.94	0	
MML SM CAP GROWTH-SA	EQUITY	MOBILEYE NV	\$ 573,224	11,658	0.65	0	
MML SM CAP GROWTH-SA	EQUITY	VEEVA SYSTEMS INC CLASS A	\$ 617,392	24,259	0.70	0	
MML SM CAP GROWTH-SA	EQUITY	AERIE PHARMACEUTICALS INC	\$ 101,557	4,100	0.11	0	
MML SM CAP GROWTH-SA	EQUITY	VINCE HOLDING CORP	\$ 880,674	24,049	1.00	0	
MML SM CAP GROWTH-SA	EQUITY	RSP PERMIAN INC	\$ 823,976	25,400	0.93	0	
MML SM CAP GROWTH-SA	EQUITY	UBIQUITI NETWORKS INC	\$ 585,798	12,963	0.66	0	
MML SM CAP GROWTH-SA	EQUITY	ACADIA HEALTHCARE CO INC	\$ 939,985	20,659	1.06	0	
MML SM CAP GROWTH-SA	EQUITY	ANGIE S LIST INC	\$ 225,057	18,849	0.25	0	
MML SM CAP GROWTH-SA	EQUITY	LAREDO PETROLEUM INC	\$ 957,468	30,906	1.08	0	
MML SM CAP GROWTH-SA	EQUITY	DEMANDWARE INC	\$ 459,438	6,623	0.52	0	
MML SM CAP GROWTH-SA	EQUITY	WAGeworks INC	\$ 539,325	11,187	0.61	0	
MML SM CAP GROWTH-SA	EQUITY	TESARO INC	\$ 614,889	19,765	0.70	0	
MML SM CAP GROWTH-SA	EQUITY	PALO ALTO NETWORKS INC	\$ 541,168	6,454	0.61	0	
MML SM CAP GROWTH-SA	EQUITY	HYPERION THERAPEUTICS INC	\$ 366,000	14,023	0.41	0	
MML SM CAP GROWTH-SA	EQUITY	BLOOMIN BRANDS INC	\$ 1,164,723	51,927	1.32	0	
MML SM CAP GROWTH-SA	EQUITY	DREAMWORKS ANIMATION SKG A	\$ 574,313	24,691	0.65	0	
MML SM CAP GROWTH-SA	EQUITY	DEXCOM INC	\$ 1,045,319	26,357	1.18	0	
MML SM CAP GROWTH-SA	EQUITY	HEARTLAND PAYMENT SYSTEMS IN	\$ 974,823	23,655	1.10	0	
MML SM CAP GROWTH-SA	EQUITY	DEALERTRACK TECHNOLOGIES INC	\$ 902,946	19,915	1.02	0	
MML SM CAP GROWTH-SA	EQUITY	CON WAY INC	\$ 342,385	6,792	0.39	0	
MML SM CAP GROWTH-SA	EQUITY	WNS HOLDINGS LTD ADR	\$ 735,208	38,332	0.83	0	
MML SM CAP GROWTH-SA	EQUITY	ARMSTRONG WORLD INDUSTRIES	\$ 1,156,123	20,131	1.31	0	
MML SM CAP GROWTH-SA	EQUITY	DOUGLAS EMMETT INC	\$ 580,627	20,575	0.66	0	
MML SM CAP GROWTH-SA	EQUITY	FLEETMatics GROUP PLC	\$ 1,125,626	34,806	1.27	0	
MML SM CAP GROWTH-SA	EQUITY	SHUTTERSTOCK INC	\$ 939,831	11,326	1.06	0	
MML SM CAP GROWTH-SA	EQUITY	DIAMONDBACK ENERGY INC	\$ 948,828	10,685	1.07	0	
MML SM CAP GROWTH-SA	EQUITY	WHITEWAVE FOODS CO	\$ 708,806	21,897	0.80	0	
MML SM CAP GROWTH-SA	EQUITY	WEX INC	\$ 981,050	9,346	1.11	0	
MML SM CAP GROWTH-SA	EQUITY	PTC INC	\$ 767,774	19,788	0.87	0	
MML SM CAP GROWTH-SA	EQUITY	XOOM CORP	\$ 532,498	20,201	0.60	0	
MML SM CAP GROWTH-SA	EQUITY	TAYLOR MORRISON HOME CORP A	\$ 766,181	34,174	0.87	0	
MML SM CAP GROWTH-SA	EQUITY	TABLEAU SOFTWARE INC CL A	\$ 474,701	6,655	0.54	0	
MML SM CAP GROWTH-SA	EQUITY	PORTOLA PHARMACEUTICALS INC	\$ 692,937	23,747	0.78	0	
MML SM CAP GROWTH-SA	EQUITY	FINANCIAL ENGINES INC	\$ 591,719	13,068	0.67	0	
MML SM CAP GROWTH-SA	EQUITY	SPECTRUM BRANDS HOLDINGS INC	\$ 835,093	9,707	0.95	0	
MML SM CAP GROWTH-SA	EQUITY	ENVESTNET INC	\$ 629,943	12,877	0.71	0	
MML SM CAP GROWTH-SA	EQUITY	TELEDYNE TECHNOLOGIES INC	\$ 926,710	9,537	1.05	0	
MML SM CAP GROWTH-SA	EQUITY	POWER INTEGRATIONS INC	\$ 576,896	10,026	0.65	0	
MML SM CAP GROWTH-SA	EQUITY	MEDICINES COMPANY	\$ 446,739	15,373	0.51	0	
MML SM CAP GROWTH-SA	EQUITY	SEATTLE GENETICS INC	\$ 574,324	15,015	0.65	0	
MML SM CAP GROWTH-SA	EQUITY	ACUITY BRANDS INC	\$ 1,099,779	7,955	1.25	0	
MML SM CAP GROWTH-SA	EQUITY	SALIX PHARMACEUTICALS LTD	\$ 701,985	5,691	0.79	0	
MML SM CAP GROWTH-SA	EQUITY	VERINT SYSTEMS INC	\$ 996,990	20,326	1.13	0	
MML SM CAP GROWTH-SA	EQUITY	RED ROBIN GOURMET BURGERS	\$ 940,410	13,208	1.06	0	
MML SM CAP GROWTH-SA	EQUITY	BUFFALO WILD WINGS INC	\$ 1,158,147	6,989	1.31	0	
MML SM CAP GROWTH-SA	EQUITY	HORNBECK OFFSHORE SERVICES	\$ 446,819	9,523	0.51	0	
MML SM CAP GROWTH-SA	EQUITY	ASSURED GUARANTY LTD	\$ 664,293	27,114	0.75	0	
MML SM CAP GROWTH-SA	EQUITY	ALNYLAM PHARMACEUTICALS INC	\$ 484,261	7,666	0.55	0	
MML SM CAP GROWTH-SA	EQUITY	SOLERA HOLDINGS INC	\$ 630,941	9,396	0.71	0	
MML LARGE CAP GROWTH FD	EQUITY	LINKEDIN CORP A	\$ 4,326,188	25,230	1.75	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML LARGE CAP GROWTH FD	EQUITY	RALPH LAUREN CORP	\$ 5,309,198	33,040	2.15	0	
MML LARGE CAP GROWTH FD	EQUITY	FORTUNE BRANDS HOME + SECURI	\$ 3,112,943	77,960	1.26	0	
MML LARGE CAP GROWTH FD	EQUITY	MONSTER BEVERAGE CORP	\$ 3,580,622	50,410	1.45	0	
MML LARGE CAP GROWTH FD	EQUITY	YELP INC	\$ 2,535,808	33,070	1.03	0	
MML LARGE CAP GROWTH FD	EQUITY	FACEBOOK INC A	\$ 7,257,227	107,850	2.94	0	
MML LARGE CAP GROWTH FD	EQUITY	CATAMARAN CORP	\$ 2,611,181	59,130	1.06	0	
MML LARGE CAP GROWTH FD	CASH EQUIVALENT	STATE STREET REPO	\$ 4,030,328	4,030,328	1.63	0.01	7/1/2014
MML LARGE CAP GROWTH FD	EQUITY	LAS VEGAS SANDS CORP	\$ 3,414,656	44,800	1.38	0	
MML LARGE CAP GROWTH FD	EQUITY	DISCOVERY COMMUNICATIONS A	\$ 2,981,599	40,140	1.21	0	
MML LARGE CAP GROWTH FD	EQUITY	VERISK ANALYTICS INC CLASS A	\$ 2,807,736	46,780	1.14	0	
MML LARGE CAP GROWTH FD	EQUITY	FLEETCOR TECHNOLOGIES INC	\$ 3,238,326	24,570	1.31	0	
MML LARGE CAP GROWTH FD	EQUITY	HALLIBURTON CO	\$ 4,112,899	57,920	1.67	0	
MML LARGE CAP GROWTH FD	EQUITY	YAHOO INC	\$ 6,612,871	188,240	2.68	0	
MML LARGE CAP GROWTH FD	EQUITY	JACOBS ENGINEERING GROUP INC	\$ 2,843,021	53,360	1.15	0	
MML LARGE CAP GROWTH FD	EQUITY	ALLERGAN INC	\$ 4,443,717	26,260	1.80	0	
MML LARGE CAP GROWTH FD	EQUITY	KANSAS CITY SOUTHERN	\$ 2,049,141	19,060	0.83	0	
MML LARGE CAP GROWTH FD	EQUITY	FMC TECHNOLOGIES INC	\$ 2,768,303	45,330	1.12	0	
MML LARGE CAP GROWTH FD	EQUITY	JARDEN CORP	\$ 2,798,353	47,150	1.13	0	
MML LARGE CAP GROWTH FD	EQUITY	WYNN RESORTS LTD	\$ 2,943,201	14,180	1.19	0	
MML LARGE CAP GROWTH FD	EQUITY	EQUINIX INC	\$ 3,447,577	16,410	1.40	0	
MML LARGE CAP GROWTH FD	EQUITY	PRICELINE GROUP INC/THE	\$ 6,375,900	5,300	2.59	0	
MML LARGE CAP GROWTH FD	EQUITY	AFFILIATED MANAGERS GROUP	\$ 4,173,728	20,320	1.69	0	
MML LARGE CAP GROWTH FD	EQUITY	CELGENE CORP	\$ 4,905,466	57,120	1.99	0	
MML LARGE CAP GROWTH FD	EQUITY	GILEAD SCIENCES INC	\$ 5,441,383	65,630	2.21	0	
MML LARGE CAP GROWTH FD	EQUITY	APPLE INC	\$ 13,389,354	144,080	5.43	0	
MML LARGE CAP GROWTH FD	EQUITY	WALT DISNEY CO/THE	\$ 6,164,706	71,900	2.50	0	
MML LARGE CAP GROWTH FD	EQUITY	MORGAN STANLEY	\$ 5,128,185	158,620	2.08	0	
MML LARGE CAP GROWTH FD	EQUITY	COSTCO WHOLESALE CORP	\$ 3,290,121	28,570	1.33	0	
MML LARGE CAP GROWTH FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 5,812,102	28,090	2.36	0	
MML LARGE CAP GROWTH FD	EQUITY	ANADARKO PETROLEUM CORP	\$ 2,933,796	26,800	1.19	0	
MML LARGE CAP GROWTH FD	EQUITY	GOLDMAN SACHS GROUP INC	\$ 2,886,666	17,240	1.17	0	
MML LARGE CAP GROWTH FD	EQUITY	EATON CORP PLC	\$ 4,979,654	64,520	2.02	0	
MML LARGE CAP GROWTH FD	EQUITY	SOLARCITY CORP	\$ 2,828,942	40,070	1.15	0	
MML LARGE CAP GROWTH FD	EQUITY	LIBERTY GLOBAL PLC SERIES C	\$ 5,662,347	133,830	2.30	0	
MML LARGE CAP GROWTH FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 4,048,127	21,430	1.64	0	
MML LARGE CAP GROWTH FD	EQUITY	TWITTER INC	\$ 1,234,836	30,140	0.50	0	
MML LARGE CAP GROWTH FD	EQUITY	PERRIGO CO PLC	\$ 3,090,112	21,200	1.25	0	
MML LARGE CAP GROWTH FD	EQUITY	KATE SPADE + CO	\$ 3,756,409	98,490	1.52	0	
MML LARGE CAP GROWTH FD	EQUITY	BIOGEN IDEC INC	\$ 4,934,602	15,650	2.00	0	
MML LARGE CAP GROWTH FD	EQUITY	SALESFORCE.COM INC	\$ 5,457,197	93,960	2.21	0	
MML LARGE CAP GROWTH FD	EQUITY	GOOGLE INC CL A	\$ 8,653,116	14,800	3.51	0	
MML LARGE CAP GROWTH FD	EQUITY	MASTERCARD INC CLASS A	\$ 5,696,864	77,540	2.31	0	
MML LARGE CAP GROWTH FD	EQUITY	DISCOVER FINANCIAL SERVICES	\$ 5,112,730	82,490	2.07	0	
MML LARGE CAP GROWTH FD	EQUITY	VMWARE INC CLASS A	\$ 4,714,647	48,700	1.91	0	
MML LARGE CAP GROWTH FD	EQUITY	VISA INC CLASS A SHARES	\$ 7,494,955	35,570	3.04	0	
MML LARGE CAP GROWTH FD	EQUITY	ESTEE LAUDER COMPANIES CL A	\$ 4,443,718	59,840	1.80	0	
MML LARGE CAP GROWTH FD	EQUITY	AMAZON.COM INC	\$ 6,206,546	19,110	2.52	0	
MML LARGE CAP GROWTH FD	EQUITY	MCKESSON CORP	\$ 4,150,621	22,290	1.68	0	
MML LARGE CAP GROWTH FD	EQUITY	EBAY INC	\$ 2,599,115	51,920	1.05	0	
MML LARGE CAP GROWTH FD	EQUITY	EOG RESOURCES INC	\$ 4,890,591	41,850	1.98	0	
MML LARGE CAP GROWTH FD	EQUITY	CUMMINS INC	\$ 4,389,551	28,450	1.78	0	
MML LARGE CAP GROWTH FD	EQUITY	UNITED RENTALS INC	\$ 3,302,137	31,530	1.34	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML LARGE CAP GROWTH FD	EQUITY	B/E AEROSPACE INC	\$ 2,844,992	30,760	1.15	0	
MML LARGE CAP GROWTH FD	EQUITY	PRECISION CASTPARTS CORP	\$ 5,143,912	20,380	2.09	0	
MML LARGE CAP GROWTH FD	EQUITY	REGENERON PHARMACEUTICALS	\$ 3,271,003	11,580	1.33	0	
MML EQUITY INCOME FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 5,902,950	57,500	1.06	0	
MML EQUITY INCOME FD	EQUITY	ANADARKO PETROLEUM CORP	\$ 6,393,048	58,400	1.15	0	
MML EQUITY INCOME FD	EQUITY	DEERE + CO	\$ 3,323,185	36,700	0.60	0	
MML EQUITY INCOME FD	EQUITY	TIFFANY + CO	\$ 390,975	3,900	0.07	0	
MML EQUITY INCOME FD	EQUITY	AVON PRODUCTS INC	\$ 2,756,907	188,700	0.50	0	
MML EQUITY INCOME FD	CASH	EURO CURRENCY	\$ 82,238	60,059	0.01	0	
MML EQUITY INCOME FD	EQUITY	SCHLUMBERGER LTD	\$ 6,558,020	55,600	1.18	0	
MML EQUITY INCOME FD	EQUITY	PFIZER INC W/D	\$ 6,694,443	225,554	1.20	0	
MML EQUITY INCOME FD	EQUITY	NEWMONT MINING CORP	\$ 2,358,288	92,700	0.42	0	
MML EQUITY INCOME FD	EQUITY	USG CORP	\$ 2,175,386	72,200	0.39	0	
MML EQUITY INCOME FD	EQUITY	LEGG MASON INC	\$ 4,499,887	87,700	0.81	0	
MML EQUITY INCOME FD	CASH	POUND STERLING	\$ 153,359	89,610	0.03	0	
MML EQUITY INCOME FD	EQUITY	POTASH CORP OF SASKATCHEWAN	\$ 2,615,444	68,900	0.47	0	
MML EQUITY INCOME FD	EQUITY	LOEWS CORP	\$ 1,641,573	37,300	0.30	0	
MML EQUITY INCOME FD	EQUITY	NISOURCE INC	\$ 7,033,992	178,800	1.27	0	
MML EQUITY INCOME FD	EQUITY	ALLSTATE CORP	\$ 3,910,752	66,600	0.70	0	
MML EQUITY INCOME FD	EQUITY	APACHE CORP	\$ 11,088,324	110,200	2.00	0	
MML EQUITY INCOME FD	EQUITY	ARCHER DANIELS MIDLAND CO	\$ 6,056,303	137,300	1.09	0	
MML EQUITY INCOME FD	EQUITY	WELLS FARGO + CO	\$ 12,598,632	239,700	2.27	0	
MML EQUITY INCOME FD	EQUITY	CHUBB CORP	\$ 2,479,373	26,900	0.45	0	
MML EQUITY INCOME FD	EQUITY	GENUINE PARTS CO	\$ 3,152,020	35,900	0.57	0	
MML EQUITY INCOME FD	EQUITY	MASCO CORP	\$ 2,941,500	132,500	0.53	0	
MML EQUITY INCOME FD	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 8,174,790	91,800	1.47	0	
MML EQUITY INCOME FD	EQUITY	BANK OF AMERICA CORP	\$ 8,239,503	536,077	1.48	0	
MML EQUITY INCOME FD	EQUITY	EMERSON ELECTRIC CO	\$ 6,198,024	93,400	1.12	0	
MML EQUITY INCOME FD	EQUITY	HARRIS CORP	\$ 5,688,825	75,100	1.02	0	
MML EQUITY INCOME FD	EQUITY	INTL BUSINESS MACHINES CORP	\$ 2,356,510	13,000	0.42	0	
MML EQUITY INCOME FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 5,224,527	107,700	0.94	0	
MML EQUITY INCOME FD	EQUITY	ILLINOIS TOOL WORKS	\$ 8,011,740	91,500	1.44	0	
MML EQUITY INCOME FD	EQUITY	MARSH + MCLENNAN COS	\$ 7,249,618	139,900	1.30	0	
MML EQUITY INCOME FD	EQUITY	MATTEL INC	\$ 5,615,577	144,100	1.01	0	
MML EQUITY INCOME FD	EQUITY	NUCOR CORP	\$ 4,526,075	91,900	0.81	0	
MML EQUITY INCOME FD	EQUITY	CONAGRA FOODS INC	\$ 53,424	1,800	0.01	0	
MML EQUITY INCOME FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 7,101,380	76,400	1.28	0	
MML EQUITY INCOME FD	EQUITY	AES CORP	\$ 2,211,210	142,200	0.40	0	
MML EQUITY INCOME FD	EQUITY	APPLE INC	\$ 5,966,106	64,200	1.07	0	
MML EQUITY INCOME FD	EQUITY	CISCO SYSTEMS INC	\$ 4,818,415	193,900	0.87	0	
MML EQUITY INCOME FD	EQUITY	WALT DISNEY CO/THE	\$ 3,146,658	36,700	0.57	0	
MML EQUITY INCOME FD	EQUITY	EXXON MOBIL CORP	\$ 10,279,428	102,100	1.85	0	
MML EQUITY INCOME FD	EQUITY	GENERAL ELECTRIC CO	\$ 15,092,604	574,300	2.72	0	
MML EQUITY INCOME FD	EQUITY	MICROSOFT CORP	\$ 6,234,150	149,500	1.12	0	
MML EQUITY INCOME FD	EQUITY	ENTERGY CORP	\$ 5,959,734	72,600	1.07	0	
MML EQUITY INCOME FD	EQUITY	FIRSTENERGY CORP	\$ 2,659,552	76,600	0.48	0	
MML EQUITY INCOME FD	EQUITY	INTERNATIONAL PAPER CO	\$ 7,449,372	147,600	1.34	0	
MML EQUITY INCOME FD	EQUITY	NORFOLK SOUTHERN CORP	\$ 2,266,660	22,000	0.41	0	
MML EQUITY INCOME FD	EQUITY	QUEST DIAGNOSTICS INC	\$ 3,233,819	55,100	0.58	0	
MML EQUITY INCOME FD	EQUITY	APPLIED MATERIALS INC	\$ 5,213,560	231,200	0.94	0	
MML EQUITY INCOME FD	EQUITY	PEARSON PLC	\$ 1,688,983	85,585	0.30	0	
MML EQUITY INCOME FD	EQUITY	TELEFONICA SA	\$ 1,880,583	109,689	0.34	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INCOME FD	EQUITY	CENTURYLINK INC	\$ 2,849,121	78,705	0.51	0	
MML EQUITY INCOME FD	EQUITY	CLOROX COMPANY	\$ 4,844,200	53,000	0.87	0	
MML EQUITY INCOME FD	CASH EQUIVALENT	ROWE T PRICE RES INV FD	\$ 13,652,854	13,652,854	2.46	0.01	9/19/2034
MML EQUITY INCOME FD	EQUITY	CONSOL ENERGY INC	\$ 4,653,070	101,000	0.84	0	
MML EQUITY INCOME FD	EQUITY	SUN LIFE FINANCIAL INC	\$ 2,265,007	61,700	0.41	0	
MML EQUITY INCOME FD	EQUITY	NORTHERN TRUST CORP	\$ 5,303,746	82,600	0.95	0	
MML EQUITY INCOME FD	EQUITY	VODAFONE GROUP PLC	\$ 1,111,355	332,563	0.20	0	
MML EQUITY INCOME FD	CASH EQUIVALENT	STATE STREET REPO	\$ 25,018,837	25,018,837	4.50	0.01	7/1/2014
MML EQUITY INCOME FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 4,586	4,586	0.00	0	7/1/2014
MML EQUITY INCOME FD	EQUITY	REGIONS FINANCIAL CORP	\$ 2,048,598	192,900	0.37	0	
MML EQUITY INCOME FD	EQUITY	TEXAS INSTRUMENTS INC	\$ 4,195,962	87,800	0.76	0	
MML EQUITY INCOME FD	EQUITY	TIME WARNER INC	\$ 5,819,018	82,833	1.05	0	
MML EQUITY INCOME FD	EQUITY	MERCK + CO. INC.	\$ 7,040,345	121,700	1.27	0	
MML EQUITY INCOME FD	EQUITY	WILLIS GROUP HOLDINGS PLC	\$ 1,615,090	37,300	0.29	0	
MML EQUITY INCOME FD	EQUITY	MADISON SQUARE GARDEN CO A	\$ 2,299,721	36,825	0.41	0	
MML EQUITY INCOME FD	EQUITY	STANLEY BLACK + DECKER INC	\$ 4,505,166	51,300	0.81	0	
MML EQUITY INCOME FD	EQUITY	UNITED CONTINENTAL HOLDINGS	\$ 4,332,885	105,500	0.78	0	
MML EQUITY INCOME FD	EQUITY	GENERAL MOTORS CO	\$ 3,105,429	85,549	0.56	0	
MML EQUITY INCOME FD	EQUITY	XYLEM INC	\$ 3,720,416	95,200	0.67	0	
MML EQUITY INCOME FD	EQUITY	DUKE ENERGY CORP	\$ 6,375,369	85,933	1.15	0	
MML EQUITY INCOME FD	EQUITY	EATON CORP PLC	\$ 3,116,837	40,384	0.56	0	
MML EQUITY INCOME FD	EQUITY	MCCORMICK + CO NON VTG SHRS	\$ 2,169,177	30,300	0.39	0	
MML EQUITY INCOME FD	EQUITY	MURPHY OIL CORP	\$ 5,989,848	90,100	1.08	0	
MML EQUITY INCOME FD	EQUITY	COMCAST CORP CLASS A	\$ 2,716,208	50,600	0.49	0	
MML EQUITY INCOME FD	EQUITY	CARNIVAL CORP	\$ 4,491,645	119,300	0.81	0	
MML EQUITY INCOME FD	EQUITY	DIGITAL REALTY TRUST INC	\$ 2,408,616	41,300	0.43	0	
MML EQUITY INCOME FD	EQUITY	ROYAL DUTCH SHELL PLC ADR	\$ 8,797,116	106,800	1.58	0	
MML EQUITY INCOME FD	EQUITY	AT+T INC	\$ 7,963,072	225,200	1.43	0	
MML EQUITY INCOME FD	EQUITY	CA INC	\$ 1,339,284	46,600	0.24	0	
MML EQUITY INCOME FD	EQUITY	HESS CORP	\$ 7,268,415	73,500	1.31	0	
MML EQUITY INCOME FD	EQUITY	WESTERN UNION CO	\$ 1,938,612	111,800	0.35	0	
MML EQUITY INCOME FD	EQUITY	MACY S INC	\$ 3,968,568	68,400	0.71	0	
MML EQUITY INCOME FD	EQUITY	BANK OF NEW YORK MELLON CORP	\$ 134,928	3,600	0.02	0	
MML EQUITY INCOME FD	EQUITY	BOEING CO/THE	\$ 5,788,965	45,500	1.04	0	
MML EQUITY INCOME FD	EQUITY	CORNING INC	\$ 5,142,885	234,300	0.93	0	
MML EQUITY INCOME FD	EQUITY	KOHL'S CORP	\$ 5,394,432	102,400	0.97	0	
MML EQUITY INCOME FD	EQUITY	QUALCOMM INC	\$ 2,391,840	30,200	0.43	0	
MML EQUITY INCOME FD	EQUITY	SUNTRUST BANKS INC	\$ 5,600,388	139,800	1.01	0	
MML EQUITY INCOME FD	EQUITY	VULCAN MATERIALS CO	\$ 4,143,750	65,000	0.75	0	
MML EQUITY INCOME FD	EQUITY	WEYERHAEUSER CO W/D	\$ 4,313,017	130,342	0.78	0	
MML EQUITY INCOME FD	EQUITY	NEW YORK TIMES CO A	\$ 1,867,788	122,800	0.34	0	
MML EQUITY INCOME FD	EQUITY	CABLEVISION SYSTEMS NY GRP A	\$ 2,402,165	136,100	0.43	0	
MML EQUITY INCOME FD	EQUITY	STAPLES INC	\$ 2,636,288	243,200	0.47	0	
MML EQUITY INCOME FD	EQUITY	CAMPBELL SOUP CO	\$ 4,988,709	108,900	0.90	0	
MML EQUITY INCOME FD	EQUITY	TALISMAN ENERGY INC	\$ 1,070,600	101,000	0.19	0	
MML EQUITY INCOME FD	EQUITY	DIAMOND OFFSHORE DRILLING	\$ 3,300,395	66,500	0.59	0	
MML EQUITY INCOME FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 4,687,494	95,800	0.84	0	
MML EQUITY INCOME FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 784,372	16,035	0.14	0	
MML EQUITY INCOME FD	EQUITY	FORD MOTOR CO	\$ 3,163,540	183,500	0.57	0	
MML EQUITY INCOME FD	EQUITY	PETROLEO BRASILEIRO S.A. ADR	\$ 3,088,393	211,100	0.56	0	
MML EQUITY INCOME FD	EQUITY	XCEL ENERGY INC	\$ 3,471,171	107,700	0.62	0	
MML EQUITY INCOME FD	EQUITY	COACH INC	\$ 1,097,499	32,100	0.20	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY INCOME FD	EQUITY	EXELON CORP	\$ 4,694,976	128,700	0.84	0	
MML EQUITY INCOME FD	EQUITY	GLAXOSMITHKLINE PLC	\$ 2,992,712	111,995	0.54	0	
MML EQUITY INCOME FD	EQUITY	JPMORGAN CHASE + CO	\$ 13,782,704	239,200	2.48	0	
MML EQUITY INCOME FD	EQUITY	US BANCORP	\$ 9,738,336	224,800	1.75	0	
MML EQUITY INCOME FD	EQUITY	ENI SPA	\$ 1,331,007	48,694	0.24	0	
MML EQUITY INCOME FD	EQUITY	JOY GLOBAL INC	\$ 3,639,378	59,100	0.65	0	
MML EQUITY INCOME FD	EQUITY	CHEVRON CORP	\$ 12,859,175	98,500	2.31	0	
MML EQUITY INCOME FD	EQUITY	MEADWESTVACO CORP	\$ 3,235,406	73,100	0.58	0	
MML EQUITY INCOME FD	EQUITY	CONOCOPHILLIPS	\$ 2,614,765	30,500	0.47	0	
MML EQUITY INCOME FD	EQUITY	BP PLC SPONS ADR	\$ 3,165,000	60,000	0.57	0	
MML EQUITY INCOME FD	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 3,160,752	48,300	0.57	0	
MML EQUITY INCOME FD	EQUITY	JOHNSON + JOHNSON	\$ 8,892,700	85,000	1.60	0	
MML EQUITY INCOME FD	EQUITY	JOHNSON CONTROLS INC	\$ 3,669,855	73,500	0.66	0	
MML EQUITY INCOME FD	EQUITY	WHIRLPOOL CORP	\$ 515,114	3,700	0.09	0	
MML EQUITY INCOME FD	EQUITY	AMERICAN EXPRESS CO	\$ 5,986,297	63,100	1.08	0	
MML EQUITY INCOME FD	EQUITY	ANALOG DEVICES INC	\$ 4,109,320	76,000	0.74	0	
MML EQUITY INCOME FD	EQUITY	COMPUTER SCIENCES CORP	\$ 2,698,640	42,700	0.49	0	
MML EQUITY INCOME FD	EQUITY	PEPSICO INC	\$ 4,913,700	55,000	0.88	0	
MML MID CAP VALUE FD	EQUITY	REPUBLIC SERVICES INC	\$ 16,053,716	422,800	3.16	0	
MML MID CAP VALUE FD	EQUITY	AGILENT TECHNOLOGIES INC	\$ 3,022,550	52,621	0.59	0	
MML MID CAP VALUE FD	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 1,865,128	38,212	0.37	0	
MML MID CAP VALUE FD	EQUITY	KONINKLIJKE PHILIPS NV	\$ 6,567,259	207,166	1.29	0	
MML MID CAP VALUE FD	EQUITY	XCEL ENERGY INC	\$ 6,235,989	193,484	1.23	0	
MML MID CAP VALUE FD	EQUITY	COACH INC	\$ 977,184	28,581	0.19	0	
MML MID CAP VALUE FD	EQUITY	WGL HOLDINGS INC	\$ 2,825,938	65,567	0.56	0	
MML MID CAP VALUE FD	EQUITY	CORRECTIONS CORP OF AMERICA	\$ 5,164,217	157,206	1.02	0	
MML MID CAP VALUE FD	EQUITY	ROCKWELL COLLINS INC	\$ 2,249,338	28,786	0.44	0	
MML MID CAP VALUE FD	EQUITY	CAPSTEAD MORTGAGE CORP	\$ 1,276,668	97,085	0.25	0	
MML MID CAP VALUE FD	EQUITY	AFLAC INC	\$ 2,375,522	38,161	0.47	0	
MML MID CAP VALUE FD	EQUITY	METLIFE INC	\$ 2,327,019	41,883	0.46	0	
MML MID CAP VALUE FD	EQUITY	MURPHY OIL CORP	\$ 2,435,761	36,639	0.48	0	
MML MID CAP VALUE FD	EQUITY	CAMPBELL SOUP CO	\$ 2,222,701	48,520	0.44	0	
MML MID CAP VALUE FD	EQUITY	TERADYNE INC	\$ 5,996,679	305,953	1.18	0	
MML MID CAP VALUE FD	EQUITY	WESTERN DIGITAL CORP	\$ 7,533,803	81,623	1.48	0	
MML MID CAP VALUE FD	EQUITY	BAE SYSTEMS PLC	\$ 4,221,362	569,740	0.83	0	
MML MID CAP VALUE FD	EQUITY	CULLEN/FROST BANKERS INC	\$ 4,163,752	52,427	0.82	0	
MML MID CAP VALUE FD	EQUITY	MKS INSTRUMENTS INC	\$ 734,171	23,501	0.14	0	
MML MID CAP VALUE FD	EQUITY	SANDISK CORP	\$ 3,296,542	31,567	0.65	0	
MML MID CAP VALUE FD	EQUITY	WESTAMERICA BANCORPORATION	\$ 3,971,712	75,970	0.78	0	
MML MID CAP VALUE FD	EQUITY	BECTON DICKINSON AND CO	\$ 1,408,835	11,909	0.28	0	
MML MID CAP VALUE FD	EQUITY	CENTURYLINK INC	\$ 3,230,995	89,254	0.64	0	
MML MID CAP VALUE FD	EQUITY	CONAGRA FOODS INC	\$ 4,424,783	149,083	0.87	0	
MML MID CAP VALUE FD	EQUITY	AUTOLIV INC	\$ 1,300,702	12,204	0.26	0	
MML MID CAP VALUE FD	EQUITY	IMPERIAL OIL LTD	\$ 13,362,035	253,565	2.63	0	
MML MID CAP VALUE FD	EQUITY	COMMERCE BANCSHARES INC	\$ 6,908,970	148,580	1.36	0	
MML MID CAP VALUE FD	EQUITY	STRYKER CORP	\$ 3,740,098	44,356	0.74	0	
MML MID CAP VALUE FD	EQUITY	NORTHERN TRUST CORP	\$ 14,247,364	221,887	2.80	0	
MML MID CAP VALUE FD	EQUITY	KELLOGG CO	\$ 2,556,584	38,913	0.50	0	
MML MID CAP VALUE FD	EQUITY	M + T BANK CORP	\$ 6,888,000	55,526	1.36	0	
MML MID CAP VALUE FD	EQUITY	ANNALY CAPITAL MANAGEMENT IN	\$ 4,263,196	372,983	0.84	0	
MML MID CAP VALUE FD	EQUITY	BOK FINANCIAL CORPORATION	\$ 2,592,472	38,926	0.51	0	
MML MID CAP VALUE FD	EQUITY	LIFEPPOINT HOSPITALS INC	\$ 5,339,793	85,987	1.05	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MID CAP VALUE FD	EQUITY	WERNER ENTERPRISES INC	\$ 2,825,939	106,599	0.56		0
MML MID CAP VALUE FD	EQUITY	ALLSTATE CORP	\$ 3,015,272	51,350	0.59		0
MML MID CAP VALUE FD	EQUITY	AMEREN CORPORATION	\$ 3,235,734	79,152	0.64		0
MML MID CAP VALUE FD	EQUITY	APACHE CORP	\$ 7,587,452	75,407	1.49		0
MML MID CAP VALUE FD	EQUITY	CONSOLIDATED EDISON INC	\$ 6,087,124	105,423	1.20		0
MML MID CAP VALUE FD	EQUITY	DEVON ENERGY CORPORATION	\$ 3,988,818	50,237	0.78		0
MML MID CAP VALUE FD	EQUITY	KEYCORP	\$ 1,489,632	103,952	0.29		0
MML MID CAP VALUE FD	EQUITY	NORTHEAST UTILITIES	\$ 2,617,576	55,375	0.52		0
MML MID CAP VALUE FD	EQUITY	NORTHROP GRUMMAN CORP	\$ 1,305,403	10,912	0.26		0
MML MID CAP VALUE FD	EQUITY	P G + E CORP	\$ 5,652,722	117,716	1.11		0
MML MID CAP VALUE FD	EQUITY	WESTAR ENERGY INC	\$ 8,781,141	229,933	1.73		0
MML MID CAP VALUE FD	EQUITY	BIO RAD LABORATORIES A	\$ 2,516,783	21,024	0.50		0
MML MID CAP VALUE FD	EQUITY	HCC INSURANCE HOLDINGS INC	\$ 5,123,039	104,680	1.01		0
MML MID CAP VALUE FD	EQUITY	QUEST DIAGNOSTICS INC	\$ 6,643,473	113,196	1.31		0
MML MID CAP VALUE FD	EQUITY	APPLIED MATERIALS INC	\$ 9,745,704	432,182	1.92		0
MML MID CAP VALUE FD	EQUITY	ATMOS ENERGY CORP	\$ 3,777,089	70,732	0.74		0
MML MID CAP VALUE FD	EQUITY	BROWN + BROWN INC	\$ 2,513,552	81,848	0.49		0
MML MID CAP VALUE FD	EQUITY	ARTHUR J GALLAGHER + CO	\$ 2,749,400	59,000	0.54		0
MML MID CAP VALUE FD	EQUITY	REGAL BELOIT CORP	\$ 1,819,921	23,166	0.36		0
MML MID CAP VALUE FD	EQUITY	STERIS CORP	\$ 1,276,514	23,869	0.25		0
MML MID CAP VALUE FD	EQUITY	NEWMONT MINING CORP	\$ 2,103,405	82,681	0.41		0
MML MID CAP VALUE FD	EQUITY	COMERICA INC	\$ 2,852,047	56,859	0.56		0
MML MID CAP VALUE FD	EQUITY	ROGERS COMMUNICATIONS INC B	\$ 3,492,746	86,794	0.69		0
MML MID CAP VALUE FD	EQUITY	BEMIS COMPANY	\$ 3,628,214	89,233	0.71		0
MML MID CAP VALUE FD	CASH	POUND STERLING	\$ 81,569	47,662	0.02		0
MML MID CAP VALUE FD	CASH	CANADIAN DOLLAR	\$ (0)	(0)	-		0
MML MID CAP VALUE FD	EQUITY	EDISON INTERNATIONAL	\$ 4,417,464	76,019	0.87		0
MML MID CAP VALUE FD	EQUITY	SOUTHERN CO/THE	\$ 4,482,500	98,777	0.88		0
MML MID CAP VALUE FD	EQUITY	UNUM GROUP	\$ 3,019,427	86,865	0.59		0
MML MID CAP VALUE FD	EQUITY	SOUTHWESTERN ENERGY CO	\$ 4,327,828	95,138	0.85		0
MML MID CAP VALUE FD	EQUITY	ZIMMER HOLDINGS INC	\$ 2,855,215	27,491	0.56		0
MML MID CAP VALUE FD	EQUITY	LACLEDE GROUP INC/THE	\$ 7,877,432	162,254	1.55		0
MML MID CAP VALUE FD	EQUITY	GREAT PLAINS ENERGY INC	\$ 7,019,788	261,250	1.38		0
MML MID CAP VALUE FD	EQUITY	ISHARES RUSSELL MID CAP VALUE	\$ 12,819,441	176,552	2.52		0
MML MID CAP VALUE FD	EQUITY	BANK OF HAWAII CORP	\$ 1,076,492	18,342	0.21		0
MML MID CAP VALUE FD	EQUITY	JM SMUCKER CO/THE	\$ 2,937,495	27,564	0.58		0
MML MID CAP VALUE FD	EQUITY	CARNIVAL CORP	\$ 3,935,630	104,532	0.77		0
MML MID CAP VALUE FD	EQUITY	CST BRANDS INC	\$ 2,696,348	78,155	0.53		0
MML MID CAP VALUE FD	EQUITY	CONSTELLIUM NV CLASS A	\$ 3,329,848	103,863	0.66		0
MML MID CAP VALUE FD	EQUITY	EMPIRE STATE REALTY TRUST A	\$ 2,665,988	161,575	0.52		0
MML MID CAP VALUE FD	EQUITY	MARKIT LTD	\$ 547,370	20,288	0.11		0
MML MID CAP VALUE FD	CASH EQUIVALENT	STATE STREET REPO	\$ 10,343,284	10,343,284	2.04	0.01	7/1/2014
MML MID CAP VALUE FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 957	957	0.00	0	7/1/2014
MML MID CAP VALUE FD	EQUITY	INTL GAME TECHNOLOGY	\$ 2,956,778	185,844	0.58		0
MML MID CAP VALUE FD	EQUITY	HILLSHIRE BRANDS CO/THE	\$ 1,167,564	18,741	0.23		0
MML MID CAP VALUE FD	EQUITY	WILLIAMS PARTNERS LP	\$ 2,659,016	48,978	0.52		0
MML MID CAP VALUE FD	EQUITY	PORTLAND GENERAL ELECTRIC CO	\$ 1,746,085	50,363	0.34		0
MML MID CAP VALUE FD	EQUITY	CAMERON INTERNATIONAL CORP	\$ 2,535,604	37,448	0.50		0
MML MID CAP VALUE FD	EQUITY	TRAVELERS COS INC/THE	\$ 3,135,635	33,333	0.62		0
MML MID CAP VALUE FD	EQUITY	PEOPLE S UNITED FINANCIAL	\$ 5,058,907	333,481	1.00		0
MML MID CAP VALUE FD	EQUITY	DANONE	\$ 2,501,358	33,703	0.49		0
MML MID CAP VALUE FD	EQUITY	DR PEPPER SNAPPLE GROUP INC	\$ 1,234,163	21,068	0.24		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MID CAP VALUE FD	EQUITY	ACE LTD	\$ 5,189,252	50,041	1.02	0	
MML MID CAP VALUE FD	EQUITY	REINSURANCE GROUP OF AMERICA	\$ 5,447,256	69,040	1.07	0	
MML MID CAP VALUE FD	EQUITY	TYCO INTERNATIONAL LTD	\$ 4,701,497	103,103	0.93	0	
MML MID CAP VALUE FD	EQUITY	ADT CORP/THE	\$ 10,254,366	293,485	2.02	0	
MML MID CAP VALUE FD	EQUITY	KRAFT FOODS GROUP INC	\$ 2,550,513	42,544	0.50	0	
MML MID CAP VALUE FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 2,665,722	70,878	0.52	0	
MML MID CAP VALUE FD	EQUITY	CAREFUSION CORP	\$ 6,910,750	155,823	1.36	0	
MML MID CAP VALUE FD	EQUITY	PIEDMONT OFFICE REALTY TRU A	\$ 5,883,048	310,615	1.16	0	
MML MID CAP VALUE FD	EQUITY	STANLEY BLACK + DECKER INC	\$ 3,270,329	37,239	0.64	0	
MML MID CAP VALUE FD	EQUITY	CAPITOL FEDERAL FINANCIAL IN	\$ 1,177,124	96,803	0.23	0	
MML MID CAP VALUE FD	EQUITY	TE CONNECTIVITY LTD	\$ 3,437,995	55,595	0.68	0	
MML MID CAP VALUE FD	EQUITY	EXELIS INC	\$ 3,475,575	203,488	0.68	0	
MML MID CAP VALUE FD	EQUITY	LPL FINANCIAL HOLDINGS INC	\$ 2,772,856	55,747	0.55	0	
MML MID CAP VALUE FD	EQUITY	FRANKLIN RESOURCES INC	\$ 3,120,468	53,950	0.61	0	
MML MID CAP VALUE FD	EQUITY	GENERAL DYNAMICS CORP	\$ 2,878,086	24,694	0.57	0	
MML MID CAP VALUE FD	EQUITY	BOSTON SCIENTIFIC CORP	\$ 2,943,000	230,462	0.58	0	
MML MID CAP VALUE FD	EQUITY	MEDTRONIC INC	\$ 5,077,655	79,637	1.00	0	
MML MID CAP VALUE FD	EQUITY	MICRON TECHNOLOGY INC	\$ 1,482,915	45,005	0.29	0	
MML MID CAP VALUE FD	EQUITY	WATERS CORP	\$ 2,521,704	24,145	0.50	0	
MML MID CAP VALUE FD	EQUITY	CHUBB CORP	\$ 4,201,109	45,580	0.83	0	
MML MID CAP VALUE FD	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 5,781,571	64,925	1.14	0	
MML MID CAP VALUE FD	EQUITY	HARRIS CORP	\$ 1,400,693	18,491	0.28	0	
MML MID CAP VALUE FD	EQUITY	SONOCO PRODUCTS CO	\$ 2,624,861	59,751	0.52	0	
MML MID CAP VALUE FD	EQUITY	LOWE S COS INC	\$ 8,253,752	171,989	1.62	0	
MML MID CAP VALUE FD	EQUITY	NUCOR CORP	\$ 4,533,364	92,048	0.89	0	
MML MID CAP VALUE FD	EQUITY	SYSCO CORP	\$ 8,133,503	217,183	1.60	0	
MML MID CAP VALUE FD	EQUITY	TEXTRON INC	\$ 2,855,285	74,570	0.56	0	
MML MID CAP VALUE FD	EQUITY	STATE STREET CORP	\$ 3,350,153	49,809	0.66	0	
MML MID CAP VALUE FD	EQUITY	TARGET CORP	\$ 5,050,748	87,157	0.99	0	
MML MID CAP VALUE FD	EQUITY	WASTE MANAGEMENT INC	\$ 2,317,819	51,818	0.46	0	
MML MID CAP VALUE FD	EQUITY	BED BATH + BEYOND INC	\$ 1,433,352	24,980	0.28	0	
MML MID CAP VALUE FD	EQUITY	CARDINAL HEALTH INC	\$ 3,818,655	55,698	0.75	0	
MML MID CAP VALUE FD	EQUITY	CIGNA CORP	\$ 2,151,914	23,398	0.42	0	
MML MID CAP VALUE FD	EQUITY	HOSPIRA INC	\$ 5,087,479	99,036	1.00	0	
MML MID CAP VALUE FD	EQUITY	PATTERSON COS INC	\$ 3,397,900	86,001	0.67	0	
MML MID CAP VALUE FD	EQUITY	NORTHWESTERN CORP	\$ 2,695,614	51,650	0.53	0	
MML MID CAP VALUE FD	EQUITY	GENERAL MILLS INC	\$ 3,016,321	57,410	0.59	0	
MML MID CAP VALUE FD	EQUITY	KLA TENCOR CORPORATION	\$ 4,694,651	64,629	0.92	0	
MML MID CAP VALUE FD	EQUITY	MAXIM INTEGRATED PRODUCTS	\$ 1,694,895	50,130	0.33	0	
MML MID CAP VALUE FD	EQUITY	SOUTHWEST AIRLINES CO	\$ 2,220,301	82,662	0.44	0	
MML MID CAP VALUE FD	EQUITY	SUNTRUST BANKS INC	\$ 3,757,067	93,786	0.74	0	
MML MID CAP VALUE FD	EQUITY	FAMILY DOLLAR STORES	\$ 1,905,427	28,809	0.37	0	
MML INCOME & GROWTH FD	EQUITY	FIFTH THIRD BANCORP	\$ 2,837,202	132,890	1.15	0	
MML INCOME & GROWTH FD	EQUITY	SEMPRA ENERGY	\$ 1,424,056	13,600	0.58	0	
MML INCOME & GROWTH FD	EQUITY	TORONTO DOMINION BANK	\$ 2,584,214	50,200	1.05	0	
MML INCOME & GROWTH FD	EQUITY	CSX CORP	\$ 903,349	29,320	0.37	0	
MML INCOME & GROWTH FD	EQUITY	DOMINION RESOURCES INC/VA	\$ 2,722,051	38,060	1.11	0	
MML INCOME & GROWTH FD	EQUITY	INTERNATIONAL PAPER CO	\$ 1,915,337	37,950	0.78	0	
MML INCOME & GROWTH FD	EQUITY	LOCKHEED MARTIN CORP	\$ 1,925,545	11,980	0.78	0	
MML INCOME & GROWTH FD	EQUITY	NORTHEAST UTILITIES	\$ 1,056,957	22,360	0.43	0	
MML INCOME & GROWTH FD	EQUITY	NORTHROP GRUMMAN CORP	\$ 3,323,321	27,780	1.35	0	
MML INCOME & GROWTH FD	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 2,674,538	26,060	1.09	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INCOME & GROWTH FD	EQUITY	ENBRIDGE INC	\$ 3,264,462	68,800	1.33	0	
MML INCOME & GROWTH FD	EQUITY	M + T BANK CORP	\$ 642,579	5,180	0.26	0	
MML INCOME & GROWTH FD	EQUITY	GENERAL ELECTRIC CO	\$ 7,261,427	276,310	2.95	0	
MML INCOME & GROWTH FD	EQUITY	HOME DEPOT INC	\$ 5,539,283	68,420	2.25	0	
MML INCOME & GROWTH FD	EQUITY	MICROSOFT CORP	\$ 4,719,606	113,180	1.92	0	
MML INCOME & GROWTH FD	EQUITY	MORGAN STANLEY	\$ 1,889,365	58,440	0.77	0	
MML INCOME & GROWTH FD	EQUITY	PFIZER INC W/D	\$ 5,513,357	185,760	2.24	0	
MML INCOME & GROWTH FD	EQUITY	PRAXAIR INC	\$ 1,750,831	13,180	0.71	0	
MML INCOME & GROWTH FD	EQUITY	WAL MART STORES INC	\$ 1,330,991	17,730	0.54	0	
MML INCOME & GROWTH FD	EQUITY	WELLS FARGO + CO	\$ 8,936,777	170,030	3.63	0	
MML INCOME & GROWTH FD	EQUITY	CHUBB CORP	\$ 2,110,693	22,900	0.86	0	
MML INCOME & GROWTH FD	EQUITY	KIMBERLY CLARK CORP	\$ 1,840,691	16,550	0.75	0	
MML INCOME & GROWTH FD	EQUITY	MCDONALD S CORP	\$ 3,554,107	35,280	1.44	0	
MML INCOME & GROWTH FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 4,308,594	37,320	1.75	0	
MML INCOME & GROWTH FD	EQUITY	AMERICAN EXPRESS CO	\$ 3,840,338	40,480	1.56	0	
MML INCOME & GROWTH FD	EQUITY	COCA COLA CO/THE	\$ 2,014,642	47,560	0.82	0	
MML INCOME & GROWTH FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 2,789,272	27,170	1.13	0	
MML INCOME & GROWTH FD	EQUITY	AUTOMATIC DATA PROCESSING	\$ 767,430	9,680	0.31	0	
MML INCOME & GROWTH FD	EQUITY	GENERAL MILLS INC	\$ 1,801,071	34,280	0.73	0	
MML INCOME & GROWTH FD	EQUITY	SCHLUMBERGER LTD	\$ 1,783,404	15,120	0.72	0	
MML INCOME & GROWTH FD	EQUITY	QUALCOMM INC	\$ 1,898,424	23,970	0.77	0	
MML INCOME & GROWTH FD	EQUITY	ROCKWELL AUTOMATION INC	\$ 1,067,615	8,530	0.43	0	
MML INCOME & GROWTH FD	EQUITY	BANK OF AMERICA CORP	\$ 762,352	49,600	0.31	0	
MML INCOME & GROWTH FD	EQUITY	INTL BUSINESS MACHINES CORP	\$ 3,511,200	19,370	1.43	0	
MML INCOME & GROWTH FD	CASH	US DOLLAR	\$ (0)	(0)	-	0	
MML INCOME & GROWTH FD	EQUITY	ABBOTT LABORATORIES	\$ 894,074	21,860	0.36	0	
MML INCOME & GROWTH FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 3,976,850	81,980	1.62	0	
MML INCOME & GROWTH FD	EQUITY	DOW CHEMICAL CO/THE	\$ 1,878,290	36,500	0.76	0	
MML INCOME & GROWTH FD	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 4,000,347	61,130	1.63	0	
MML INCOME & GROWTH FD	EQUITY	INTEL CORP	\$ 3,708,309	120,010	1.51	0	
MML INCOME & GROWTH FD	EQUITY	JOHNSON + JOHNSON	\$ 4,421,241	42,260	1.80	0	
MML INCOME & GROWTH FD	EQUITY	JOHNSON CONTROLS INC	\$ 1,437,984	28,800	0.58	0	
MML INCOME & GROWTH FD	EQUITY	MARATHON OIL CORP	\$ 2,205,181	55,240	0.90	0	
MML INCOME & GROWTH FD	EQUITY	UNION PACIFIC CORP	\$ 2,621,430	26,280	1.07	0	
MML INCOME & GROWTH FD	EQUITY	WISCONSIN ENERGY CORP	\$ 1,082,914	23,080	0.44	0	
MML INCOME & GROWTH FD	EQUITY	QUEST DIAGNOSTICS INC	\$ 1,068,158	18,200	0.43	0	
MML INCOME & GROWTH FD	EQUITY	DIAGEO PLC	\$ 2,905,106	91,260	1.18	0	
MML INCOME & GROWTH FD	EQUITY	BHP BILLITON LTD	\$ 2,958,229	86,590	1.20	0	
MML INCOME & GROWTH FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 3,039,465	32,700	1.24	0	
MML INCOME & GROWTH FD	EQUITY	PROCTER + GAMBLE CO/THE	\$ 2,870,107	36,520	1.17	0	
MML INCOME & GROWTH FD	EQUITY	WALT DISNEY CO/THE	\$ 1,611,055	18,790	0.65	0	
MML INCOME & GROWTH FD	EQUITY	EXXON MOBIL CORP	\$ 5,289,727	52,540	2.15	0	
MML INCOME & GROWTH FD	EQUITY	MERCK + CO. INC.	\$ 5,441,950	94,070	2.21	0	
MML INCOME & GROWTH FD	EQUITY	NEXTERA ENERGY INC	\$ 2,912,482	28,420	1.18	0	
MML INCOME & GROWTH FD	EQUITY	MOTOROLA SOLUTIONS INC	\$ 1,960,487	29,450	0.80	0	
MML INCOME & GROWTH FD	EQUITY	NIELSEN NV	\$ 1,035,974	21,400	0.42	0	
MML INCOME & GROWTH FD	EQUITY	CITIGROUP INC	\$ 2,736,510	58,100	1.11	0	
MML INCOME & GROWTH FD	EQUITY	MARATHON PETROLEUM CORP	\$ 2,022,794	25,910	0.82	0	
MML INCOME & GROWTH FD	EQUITY	CHEVRON CORP	\$ 7,241,609	55,470	2.94	0	
MML INCOME & GROWTH FD	EQUITY	PRUDENTIAL FINANCIAL INC	\$ 4,674,628	52,660	1.90	0	
MML INCOME & GROWTH FD	EQUITY	MEADWESTVACO CORP	\$ 1,896,541	42,850	0.77	0	
MML INCOME & GROWTH FD	EQUITY	3M CO	\$ 2,750,208	19,200	1.12	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INCOME & GROWTH FD	EQUITY	CONOCOPHILLIPS	\$ 1,607,438	18,750	0.65	0	
MML INCOME & GROWTH FD	EQUITY	COMCAST CORP SPECIAL CL A	\$ 6,726,513	126,130	2.73	0	
MML INCOME & GROWTH FD	EQUITY	ITC HOLDINGS CORP	\$ 716,832	19,650	0.29	0	
MML INCOME & GROWTH FD	EQUITY	SOUTHERN COPPER CORP	\$ 670,630	22,082	0.27	0	
MML INCOME & GROWTH FD	EQUITY	SPECTRA ENERGY CORP	\$ 1,326,226	31,220	0.54	0	
MML INCOME & GROWTH FD	EQUITY	TRAVELERS COS INC/THE	\$ 2,878,542	30,600	1.17	0	
MML INCOME & GROWTH FD	EQUITY	CME GROUP INC	\$ 1,705,638	24,040	0.69	0	
MML INCOME & GROWTH FD	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 2,396,933	28,430	0.97	0	
MML INCOME & GROWTH FD	EQUITY	AMERICAN WATER WORKS CO INC	\$ 1,831,628	37,040	0.74	0	
MML INCOME & GROWTH FD	EQUITY	ACE LTD	\$ 2,556,205	24,650	1.04	0	
MML INCOME & GROWTH FD	EQUITY	SUNTRUST BANKS INC	\$ 4,066,491	101,510	1.65	0	
MML INCOME & GROWTH FD	EQUITY	WEYERHAEUSER CO W/D	\$ 274,647	8,300	0.11	0	
MML INCOME & GROWTH FD	EQUITY	METLIFE INC	\$ 1,198,985	21,580	0.49	0	
MML INCOME & GROWTH FD	EQUITY	TOTAL SA SPON ADR	\$ 4,272,074	59,170	1.74	0	
MML INCOME & GROWTH FD	EQUITY	UNILEVER N V NY SHARES	\$ 1,144,762	26,160	0.47	0	
MML INCOME & GROWTH FD	EQUITY	VF CORP	\$ 3,010,770	47,790	1.22	0	
MML INCOME & GROWTH FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 4,364,067	89,190	1.77	0	
MML INCOME & GROWTH FD	EQUITY	JPMORGAN CHASE + CO	\$ 7,774,667	134,930	3.16	0	
MML INCOME & GROWTH FD	EQUITY	US BANCORP	\$ 4,113,667	94,960	1.67	0	
MML INCOME & GROWTH FD	EQUITY	RAYTHEON COMPANY	\$ 4,641,098	50,310	1.89	0	
MML INCOME & GROWTH FD	EQUITY	PHILLIPS 66	\$ 976,420	12,140	0.40	0	
MML INCOME & GROWTH FD	EQUITY	DUKE ENERGY CORP	\$ 1,066,852	14,380	0.43	0	
MML INCOME & GROWTH FD	EQUITY	KRAFT FOODS GROUP INC	\$ 1,293,481	21,576	0.53	0	
MML INCOME & GROWTH FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 2,547,325	67,730	1.04	0	
MML INCOME & GROWTH FD	EQUITY	ABBVIE INC	\$ 1,233,778	21,860	0.50	0	
MML INCOME & GROWTH FD	CASH EQUIVALENT	STATE STREET REPO	\$ 5,405,342	5,405,342	2.20	0.01	7/1/2014
MML INCOME & GROWTH FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 41,207	41,207	0.02	0	7/1/2014
MML INCOME & GROWTH FD	EQUITY	MATTEL INC	\$ 1,310,951	33,640	0.53	0	
MML INCOME & GROWTH FD	EQUITY	ALTRIA GROUP INC	\$ 1,248,554	29,770	0.51	0	
MML INCOME & GROWTH FD	EQUITY	BCE INC	\$ 758,419	16,720	0.31	0	
MML BLUE CHIP GROWTH FD	EQUITY	L BRANDS INC	\$ 1,742,202	29,700	0.42	0	
MML BLUE CHIP GROWTH FD	EQUITY	FOSSIL GROUP INC	\$ 219,492	2,100	0.05	0	
MML BLUE CHIP GROWTH FD	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 311,525	2,500	0.07	0	
MML BLUE CHIP GROWTH FD	EQUITY	GOOGLE INC CL C	\$ 11,793,240	20,500	2.82	0	
MML BLUE CHIP GROWTH FD	EQUITY	TENCENT HOLDINGS LTD	\$ 3,875,530	252,800	0.93	0	
MML BLUE CHIP GROWTH FD	CASH EQUIVALENT	STATE STREET REPO	\$ 3,724,442	3,724,442	0.89	0.01	7/1/2014
MML BLUE CHIP GROWTH FD	EQUITY	CHIPOTLE MEXICAN GRILL INC	\$ 5,451,092	9,200	1.30	0	
MML BLUE CHIP GROWTH FD	EQUITY	WW GRAINGER INC	\$ 76,281	300	0.02	0	
MML BLUE CHIP GROWTH FD	EQUITY	HARLEY DAVIDSON INC	\$ 1,424,940	20,400	0.34	0	
MML BLUE CHIP GROWTH FD	EQUITY	DISCOVERY COMMUNICATIONS C	\$ 2,168,626	29,875	0.52	0	
MML BLUE CHIP GROWTH FD	EQUITY	EQT CORP	\$ 3,388,730	31,700	0.81	0	
MML BLUE CHIP GROWTH FD	EQUITY	WYNN MACAU LTD	\$ 1,298,840	330,000	0.31	0	
MML BLUE CHIP GROWTH FD	EQUITY	TESLA MOTORS INC	\$ 1,608,402	6,700	0.38	0	
MML BLUE CHIP GROWTH FD	EQUITY	VALEANT PHARMACEUTICALS W/I	\$ 2,938,596	23,300	0.70	0	
MML BLUE CHIP GROWTH FD	EQUITY	UNITED CONTINENTAL HOLDINGS	\$ 2,299,920	56,000	0.55	0	
MML BLUE CHIP GROWTH FD	EQUITY	FLEETCOR TECHNOLOGIES INC	\$ 329,500	2,500	0.08	0	
MML BLUE CHIP GROWTH FD	EQUITY	O REILLY AUTOMOTIVE INC	\$ 3,795,120	25,200	0.91	0	
MML BLUE CHIP GROWTH FD	EQUITY	NIELSEN NV	\$ 125,866	2,600	0.03	0	
MML BLUE CHIP GROWTH FD	EQUITY	COVIDIEN PLC	\$ 1,478,952	16,400	0.35	0	
MML BLUE CHIP GROWTH FD	EQUITY	NETFLIX INC	\$ 4,846,600	11,000	1.16	0	
MML BLUE CHIP GROWTH FD	EQUITY	CARMAX INC	\$ 780,150	15,000	0.19	0	
MML BLUE CHIP GROWTH FD	EQUITY	WYNN RESORTS LTD	\$ 6,413,604	30,900	1.53	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLUE CHIP GROWTH FD	EQUITY	NAVER CORP	\$ 1,189,867	1,438	0.28	0	
MML BLUE CHIP GROWTH FD	EQUITY	CARNIVAL CORP	\$ 128,010	3,400	0.03	0	
MML BLUE CHIP GROWTH FD	EQUITY	PRICELINE GROUP INC/THE	\$ 13,593,900	11,300	3.25	0	
MML BLUE CHIP GROWTH FD	EQUITY	INTUITIVE SURGICAL INC	\$ 370,620	900	0.09	0	
MML BLUE CHIP GROWTH FD	EQUITY	STARWOOD HOTELS + RESORTS	\$ 3,499,506	43,300	0.84	0	
MML BLUE CHIP GROWTH FD	EQUITY	MASTERCARD INC CLASS A	\$ 10,006,614	136,200	2.39	0	
MML BLUE CHIP GROWTH FD	EQUITY	HANESBRANDS INC	\$ 1,289,564	13,100	0.31	0	
MML BLUE CHIP GROWTH FD	EQUITY	DELTA AIR LINES INC	\$ 2,323,200	60,000	0.56	0	
MML BLUE CHIP GROWTH FD	EQUITY	CONTINENTAL RESOURCES INC/OK	\$ 1,011,456	6,400	0.24	0	
MML BLUE CHIP GROWTH FD	EQUITY	CONCHO RESOURCES INC	\$ 3,554,700	24,600	0.85	0	
MML BLUE CHIP GROWTH FD	EQUITY	VMWARE INC CLASS A	\$ 571,179	5,900	0.14	0	
MML BLUE CHIP GROWTH FD	EQUITY	INVESCO LTD	\$ 3,563,600	94,400	0.85	0	
MML BLUE CHIP GROWTH FD	EQUITY	DOLLAR TREE INC	\$ 1,187,228	21,800	0.28	0	
MML BLUE CHIP GROWTH FD	EQUITY	VISA INC CLASS A SHARES	\$ 8,677,038	41,180	2.08	0	
MML BLUE CHIP GROWTH FD	EQUITY	PEPSICO INC	\$ 44,670	500	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 6,372,828	30,800	1.52	0	
MML BLUE CHIP GROWTH FD	EQUITY	TIFFANY + CO	\$ 401,000	4,000	0.10	0	
MML BLUE CHIP GROWTH FD	EQUITY	ECOLAB INC	\$ 5,244,114	47,100	1.25	0	
MML BLUE CHIP GROWTH FD	EQUITY	ROSS STORES INC	\$ 2,149,225	32,500	0.51	0	
MML BLUE CHIP GROWTH FD	EQUITY	SCHLUMBERGER LTD	\$ 2,889,775	24,500	0.69	0	
MML BLUE CHIP GROWTH FD	EQUITY	AUTOZONE INC	\$ 750,736	1,400	0.18	0	
MML BLUE CHIP GROWTH FD	EQUITY	BOEING CO/THE	\$ 6,819,528	53,600	1.63	0	
MML BLUE CHIP GROWTH FD	EQUITY	FEDEX CORP	\$ 2,437,218	16,100	0.58	0	
MML BLUE CHIP GROWTH FD	EQUITY	FISERV INC	\$ 2,288,541	37,940	0.55	0	
MML BLUE CHIP GROWTH FD	EQUITY	QUALCOMM INC	\$ 1,813,680	22,900	0.43	0	
MML BLUE CHIP GROWTH FD	EQUITY	WALGREEN CO	\$ 852,495	11,500	0.20	0	
MML BLUE CHIP GROWTH FD	EQUITY	ELECTRONIC ARTS INC	\$ 602,616	16,800	0.14	0	
MML BLUE CHIP GROWTH FD	EQUITY	MGM RESORTS INTERNATIONAL	\$ 2,009,040	76,100	0.48	0	
MML BLUE CHIP GROWTH FD	EQUITY	UNITEDHEALTH GROUP INC	\$ 237,075	2,900	0.06	0	
MML BLUE CHIP GROWTH FD	EQUITY	CTRIIP.COM INTERNATIONAL ADR	\$ 2,337,460	36,500	0.56	0	
MML BLUE CHIP GROWTH FD	EQUITY	TRW AUTOMOTIVE HOLDINGS CORP	\$ 868,344	9,700	0.21	0	
MML BLUE CHIP GROWTH FD	EQUITY	SALESFORCE.COM INC	\$ 4,681,248	80,600	1.12	0	
MML BLUE CHIP GROWTH FD	EQUITY	GOOGLE INC CL A	\$ 11,927,268	20,400	2.85	0	
MML BLUE CHIP GROWTH FD	EQUITY	LAS VEGAS SANDS CORP	\$ 6,341,504	83,200	1.52	0	
MML BLUE CHIP GROWTH FD	EQUITY	BAIDU INC SPON ADR	\$ 8,088,873	43,300	1.94	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMERIPRISE FINANCIAL INC	\$ 2,496,000	20,800	0.60	0	
MML BLUE CHIP GROWTH FD	EQUITY	IHS INC CLASS A	\$ 1,465,236	10,800	0.35	0	
MML BLUE CHIP GROWTH FD	EQUITY	TD AMERITRADE HOLDING CORP	\$ 3,128,730	99,800	0.75	0	
MML BLUE CHIP GROWTH FD	EQUITY	AUTODESK INC	\$ 90,208	1,600	0.02	0	
MML BLUE CHIP GROWTH FD	EQUITY	CITIGROUP INC	\$ 56,520	1,200	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	LINKEDIN CORP A	\$ 1,886,170	11,000	0.45	0	
MML BLUE CHIP GROWTH FD	EQUITY	PVH CORP	\$ 233,200	2,000	0.06	0	
MML BLUE CHIP GROWTH FD	EQUITY	RALPH LAUREN CORP	\$ 112,483	700	0.03	0	
MML BLUE CHIP GROWTH FD	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 1,120,462	16,300	0.27	0	
MML BLUE CHIP GROWTH FD	EQUITY	TRIPADVISOR INC	\$ 586,764	5,400	0.14	0	
MML BLUE CHIP GROWTH FD	EQUITY	MICHAEL KORS HOLDINGS LTD	\$ 1,560,240	17,600	0.37	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMERICAN TOWER CORP	\$ 8,149,489	90,570	1.95	0	
MML BLUE CHIP GROWTH FD	EQUITY	MONSTER BEVERAGE CORP	\$ 511,416	7,200	0.12	0	
MML BLUE CHIP GROWTH FD	EQUITY	VIPSHOP HOLDINGS LTD ADS	\$ 1,201,536	6,400	0.29	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMERICAN EXPRESS CO	\$ 5,383,873	56,750	1.29	0	
MML BLUE CHIP GROWTH FD	EQUITY	MARRIOTT INTERNATIONAL CL A	\$ 717,087	11,187	0.17	0	
MML BLUE CHIP GROWTH FD	EQUITY	NIKE INC CL B	\$ 1,135,332	14,640	0.27	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLUE CHIP GROWTH FD	EQUITY	CARDINAL HEALTH INC	\$ 1,720,856	25,100	0.41	0	
MML BLUE CHIP GROWTH FD	EQUITY	TWENTY FIRST CENTURY FOX A	\$ 1,708,290	48,600	0.41	0	
MML BLUE CHIP GROWTH FD	EQUITY	ACTAVIS PLC	\$ 1,226,775	5,500	0.29	0	
MML BLUE CHIP GROWTH FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 1,539,535	8,150	0.37	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMERICAN AIRLINES GROUP INC	\$ 4,794,336	111,600	1.15	0	
MML BLUE CHIP GROWTH FD	EQUITY	HILTON WORLDWIDE HOLDINGS IN	\$ 1,195,942	51,328	0.29	0	
MML BLUE CHIP GROWTH FD	EQUITY	PERRIGO CO PLC	\$ 29,152	200	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	FACEBOOK INC A	\$ 8,113,559	120,576	1.94	0	
MML BLUE CHIP GROWTH FD	EQUITY	ABBVIE INC	\$ 79,016	1,400	0.02	0	
MML BLUE CHIP GROWTH FD	CASH EQUIVALENT	ROWE T PRICE RES INV FD	\$ 1,001	1,001	0.00	0.01	9/19/2034
MML BLUE CHIP GROWTH FD	EQUITY	RED HAT INC	\$ 1,945,504	35,200	0.47	0	
MML BLUE CHIP GROWTH FD	EQUITY	INTUIT INC	\$ 96,636	1,200	0.02	0	
MML BLUE CHIP GROWTH FD	EQUITY	WHOLE FOODS MARKET INC	\$ 57,945	1,500	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	STRYKER CORP	\$ 1,081,826	12,830	0.26	0	
MML BLUE CHIP GROWTH FD	EQUITY	ESTEE LAUDER COMPANIES CL A	\$ 1,745,110	23,500	0.42	0	
MML BLUE CHIP GROWTH FD	EQUITY	NORTHERN TRUST CORP	\$ 725,573	11,300	0.17	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMAZON.COM INC	\$ 18,301,353	56,350	4.38	0	
MML BLUE CHIP GROWTH FD	EQUITY	MCKESSON CORP	\$ 10,632,591	57,100	2.54	0	
MML BLUE CHIP GROWTH FD	EQUITY	FASTENAL CO	\$ 682,962	13,800	0.16	0	
MML BLUE CHIP GROWTH FD	CASH	JAPANESE YEN	\$ 3,883	393,378	0.00	0	
MML BLUE CHIP GROWTH FD	CASH	HONG KONG DOLLAR	\$ 49,437	383,160	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	EOG RESOURCES INC	\$ 441,731	3,780	0.11	0	
MML BLUE CHIP GROWTH FD	EQUITY	ROPER INDUSTRIES INC	\$ 2,292,357	15,700	0.55	0	
MML BLUE CHIP GROWTH FD	EQUITY	FMC CORP	\$ 49,833	700	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	PIONEER NATURAL RESOURCES CO	\$ 7,216,034	31,400	1.73	0	
MML BLUE CHIP GROWTH FD	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 5,274,600	44,700	1.26	0	
MML BLUE CHIP GROWTH FD	EQUITY	UNION PACIFIC CORP	\$ 3,770,550	37,800	0.90	0	
MML BLUE CHIP GROWTH FD	EQUITY	HUNT (JB) TRANSPRT SVCS INC	\$ 243,474	3,300	0.06	0	
MML BLUE CHIP GROWTH FD	EQUITY	PRECISION CASTPARTS CORP	\$ 8,430,160	33,400	2.02	0	
MML BLUE CHIP GROWTH FD	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 1,117,224	11,800	0.27	0	
MML BLUE CHIP GROWTH FD	EQUITY	WABTEC CORP	\$ 1,982,160	24,000	0.47	0	
MML BLUE CHIP GROWTH FD	EQUITY	GILEAD SCIENCES INC	\$ 13,688,441	165,100	3.28	0	
MML BLUE CHIP GROWTH FD	EQUITY	SOFTBANK CORP	\$ 1,607,093	21,600	0.38	0	
MML BLUE CHIP GROWTH FD	EQUITY	BECTON DICKINSON AND CO	\$ 1,443,260	12,200	0.35	0	
MML BLUE CHIP GROWTH FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 2,054,195	22,100	0.49	0	
MML BLUE CHIP GROWTH FD	EQUITY	APPLE INC	\$ 4,566,580	49,140	1.09	0	
MML BLUE CHIP GROWTH FD	EQUITY	CVS CAREMARK CORP	\$ 2,668,098	35,400	0.64	0	
MML BLUE CHIP GROWTH FD	EQUITY	WALT DISNEY CO/THE	\$ 1,809,114	21,100	0.43	0	
MML BLUE CHIP GROWTH FD	EQUITY	HOME DEPOT INC	\$ 3,894,176	48,100	0.93	0	
MML BLUE CHIP GROWTH FD	EQUITY	RANGE RESOURCES CORP	\$ 3,033,338	34,886	0.73	0	
MML BLUE CHIP GROWTH FD	EQUITY	REGENERON PHARMACEUTICALS	\$ 1,610,079	5,700	0.39	0	
MML BLUE CHIP GROWTH FD	EQUITY	HENRY SCHEIN INC	\$ 225,473	1,900	0.05	0	
MML BLUE CHIP GROWTH FD	EQUITY	TRACTOR SUPPLY COMPANY	\$ 2,156,280	35,700	0.52	0	
MML BLUE CHIP GROWTH FD	EQUITY	ALEXION PHARMACEUTICALS INC	\$ 6,421,875	41,100	1.54	0	
MML BLUE CHIP GROWTH FD	EQUITY	CELGENE CORP	\$ 7,385,680	86,000	1.77	0	
MML BLUE CHIP GROWTH FD	EQUITY	COGNIZANT TECH SOLUTIONS A	\$ 3,203,605	65,500	0.77	0	
MML BLUE CHIP GROWTH FD	EQUITY	FLOWSERVE CORP	\$ 914,505	12,300	0.22	0	
MML BLUE CHIP GROWTH FD	EQUITY	PHARMACYCLICS INC	\$ 744,593	8,300	0.18	0	
MML BLUE CHIP GROWTH FD	EQUITY	MICROSOFT CORP	\$ 50,040	1,200	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	MORGAN STANLEY	\$ 3,178,039	98,300	0.76	0	
MML BLUE CHIP GROWTH FD	EQUITY	PRAXAIR INC	\$ 2,966,317	22,330	0.71	0	
MML BLUE CHIP GROWTH FD	EQUITY	PALL CORP	\$ 145,163	1,700	0.03	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLUE CHIP GROWTH FD	EQUITY	LOWE S COS INC	\$ 4,376,688	91,200	1.05	0	
MML BLUE CHIP GROWTH FD	EQUITY	MARSH + MCLENNAN COS	\$ 849,848	16,400	0.20	0	
MML BLUE CHIP GROWTH FD	EQUITY	COSTCO WHOLESALE CORP	\$ 1,992,268	17,300	0.48	0	
MML BLUE CHIP GROWTH FD	EQUITY	JOHNSON CONTROLS INC	\$ 49,930	1,000	0.01	0	
MML BLUE CHIP GROWTH FD	EQUITY	STATE STREET CORP	\$ 2,448,264	36,400	0.59	0	
MML BLUE CHIP GROWTH FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 4,190,835	36,300	1.00	0	
MML BLUE CHIP GROWTH FD	EQUITY	TRIMBLE NAVIGATION LTD	\$ 236,480	6,400	0.06	0	
MML BLUE CHIP GROWTH FD	EQUITY	BIOGEN IDEC INC	\$ 9,553,893	30,300	2.29	0	
MML BLUE CHIP GROWTH FD	EQUITY	VF CORP	\$ 75,600	1,200	0.02	0	
MML BLUE CHIP GROWTH FD	EQUITY	DANAHER CORP	\$ 10,830,099	137,560	2.59	0	
MML BLUE CHIP GROWTH FD	EQUITY	AKAMAI TECHNOLOGIES INC	\$ 2,228,690	36,500	0.53	0	
MML BLUE CHIP GROWTH FD	EQUITY	ALLERGAN INC	\$ 4,968,299	29,360	1.19	0	
MML BLUE CHIP GROWTH FD	EQUITY	STARBUCKS CORP	\$ 6,337,422	81,900	1.52	0	
MML BLUE CHIP GROWTH FD	EQUITY	KANSAS CITY SOUTHERN	\$ 2,461,979	22,900	0.59	0	
MML BLUE CHIP GROWTH FD	EQUITY	CONSTELLATION BRANDS INC A	\$ 740,292	8,400	0.18	0	
MML BLUE CHIP GROWTH FD	EQUITY	MONSANTO CO	\$ 1,528,065	12,250	0.37	0	
MML BLUE CHIP GROWTH FD	EQUITY	ALLIANCE DATA SYSTEMS CORP	\$ 1,012,500	3,600	0.24	0	
MML BLUE CHIP GROWTH FD	EQUITY	AMERISOURCEBERGEN CORP	\$ 1,104,432	15,200	0.26	0	
MML BLUE CHIP GROWTH FD	EQUITY	CANADIAN PACIFIC RAILWAY LTD	\$ 1,557,804	8,600	0.37	0	
MML BLUE CHIP GROWTH FD	EQUITY	3M CO	\$ 558,636	3,900	0.13	0	
MML BLUE CHIP GROWTH FD	EQUITY	YUM BRANDS INC	\$ 462,840	5,700	0.11	0	
MML FOREIGN FD	EQUITY	AKZO NOBEL	\$ 6,383,553	85,140	1.74	0	
MML FOREIGN FD	EQUITY	REPSOL SA	\$ 1,751,455	66,292	0.48	0	
MML FOREIGN FD	EQUITY	SANOFI	\$ 10,296,789	96,808	2.80	0	
MML FOREIGN FD	EQUITY	SIEMENS AG REG	\$ 4,733,024	35,836	1.29	0	
MML FOREIGN FD	EQUITY	DBS GROUP HOLDINGS LTD	\$ 5,409,713	403,479	1.47	0	
MML FOREIGN FD	EQUITY	CHEUNG KONG HOLDINGS LTD	\$ 3,461,532	195,215	0.94	0	
MML FOREIGN FD	EQUITY	ROYAL DUTCH SHELL PLC A SHS	\$ 96,263	2,327	0.03	0	
MML FOREIGN FD	EQUITY	TOTAL SA	\$ 6,917,400	95,742	1.88	0	
MML FOREIGN FD	EQUITY	UNILEVER PLC	\$ 2,248,079	49,577	0.61	0	
MML FOREIGN FD	EQUITY	SBM OFFSHORE NV	\$ 1,829,247	113,458	0.50	0	
MML FOREIGN FD	EQUITY	GALP ENERGIA SGPS SA	\$ 4,185,853	228,470	1.14	0	
MML FOREIGN FD	EQUITY	SHIRE PLC	\$ 2,294,305	29,260	0.62	0	
MML FOREIGN FD	EQUITY	KB FINANCIAL GROUP INC ADR	\$ 2,680,969	77,128	0.73	0	
MML FOREIGN FD	EQUITY	SINGAPORE TELECOMMUNICATIONS	\$ 27,798	9,000	0.01	0	
MML FOREIGN FD	EQUITY	AIA GROUP LTD	\$ 3,881,792	770,400	1.06	0	
MML FOREIGN FD	EQUITY	EMBRAER SA ADR	\$ 3,324,347	91,253	0.91	0	
MML FOREIGN FD	EQUITY	REXAM PLC	\$ 3,008,932	328,794	0.82	0	
MML FOREIGN FD	EQUITY	REPSOL SA	\$ 45,115	66,292	0.01	0	
MML FOREIGN FD	CASH EQUIVALENT	STATE STREET REPO	\$ 10,266,317	10,266,317	2.80	0.01	7/1/2014
MML FOREIGN FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 91,704	91,704	0.02	0	7/1/2014
MML FOREIGN FD	EQUITY	STATOIL ASA	\$ 4,238,906	137,410	1.15	0	
MML FOREIGN FD	EQUITY	ING GROEP NV CVA	\$ 6,000,830	427,680	1.63	0	
MML FOREIGN FD	EQUITY	CREDIT SUISSE GROUP AG REG	\$ 5,327,772	187,101	1.45	0	
MML FOREIGN FD	EQUITY	MMC NORILSK NICKEL JSC ADR	\$ 2,881,741	145,469	0.78	0	
MML FOREIGN FD	EQUITY	CREDIT AGRICOLE SA	\$ 2,572,260	182,370	0.70	0	
MML FOREIGN FD	EQUITY	BNP PARIBAS	\$ 7,115,357	104,870	1.94	0	
MML FOREIGN FD	EQUITY	MARKS + SPENCER GROUP PLC	\$ 5,183,480	713,110	1.41	0	
MML FOREIGN FD	EQUITY	POSCO ADR	\$ 4,638,431	62,311	1.26	0	
MML FOREIGN FD	EQUITY	COMPAGNIE DE SAINT GOBAIN	\$ 4,461,246	79,190	1.22	0	
MML FOREIGN FD	EQUITY	ERICSSON (LM) TEL SP ADR	\$ 2,688,754	222,579	0.73	0	
MML FOREIGN FD	EQUITY	SWISS RE AG	\$ 3,870,512	43,490	1.05	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FOREIGN FD	EQUITY	TNT EXPRESS NV	\$ 4,169,033	461,170	1.14	0	
MML FOREIGN FD	EQUITY	UNICREDIT SPA	\$ 4,432,256	529,182	1.21	0	
MML FOREIGN FD	EQUITY	SUNTORY BEVERAGE + FOOD LTD	\$ 3,623,716	92,300	0.99	0	
MML FOREIGN FD	EQUITY	VODAFONE GROUP PLC SP ADR	\$ 3,230,983	96,765	0.88	0	
MML FOREIGN FD	EQUITY	ICICI BANK LTD SPON ADR	\$ 4,049,136	81,145	1.10	0	
MML FOREIGN FD	EQUITY	TREND MICRO INC	\$ 1,890,271	57,300	0.51	0	
MML FOREIGN FD	CASH	SOUTH KOREAN WON	\$ 0	208	-	0	
MML FOREIGN FD	EQUITY	QIAGEN N.V.	\$ 1,111,919	45,900	0.30	0	
MML FOREIGN FD	EQUITY	TALISMAN ENERGY INC	\$ 3,484,268	329,600	0.95	0	
MML FOREIGN FD	CASH	POUND STERLING	\$ 6	3	0.00	0	
MML FOREIGN FD	CASH	JAPANESE YEN	\$ 27,512	2,787,152	0.01	0	
MML FOREIGN FD	CASH	CANADIAN DOLLAR	\$ 19,261	20,552	0.01	0	
MML FOREIGN FD	EQUITY	AVIVA PLC	\$ 5,609,739	640,135	1.53	0	
MML FOREIGN FD	EQUITY	BAE SYSTEMS PLC	\$ 3,027,135	408,560	0.82	0	
MML FOREIGN FD	EQUITY	BP PLC	\$ 3,942,653	447,764	1.07	0	
MML FOREIGN FD	EQUITY	LLOYDS BANKING GROUP PLC	\$ 4,779,952	3,758,720	1.30	0	
MML FOREIGN FD	EQUITY	TESCO PLC	\$ 4,478,451	921,960	1.22	0	
MML FOREIGN FD	EQUITY	INTESA SANPAOLO	\$ 2,649,987	859,607	0.72	0	
MML FOREIGN FD	EQUITY	REED ELSEVIER NV	\$ 2,332,795	101,753	0.64	0	
MML FOREIGN FD	EQUITY	CRH PLC	\$ 4,530,563	175,942	1.23	0	
MML FOREIGN FD	EQUITY	MICHELIN (CGDE)	\$ 6,836,975	57,150	1.86	0	
MML FOREIGN FD	EQUITY	MERCK KGAA	\$ 4,584,984	52,820	1.25	0	
MML FOREIGN FD	EQUITY	TECHNIP SA	\$ 2,369,274	21,630	0.65	0	
MML FOREIGN FD	EQUITY	METRO AG	\$ 3,646,092	83,660	0.99	0	
MML FOREIGN FD	EQUITY	SOFTWARE AG	\$ 2,446,825	67,800	0.67	0	
MML FOREIGN FD	EQUITY	TELENOR ASA	\$ 4,984,398	219,076	1.36	0	
MML FOREIGN FD	EQUITY	VIVENDI	\$ 3,273,496	133,852	0.89	0	
MML FOREIGN FD	EQUITY	GLAXOSMITHKLINE PLC	\$ 7,023,406	262,834	1.91	0	
MML FOREIGN FD	EQUITY	DEUTSCHE BOERSE AG	\$ 2,856,710	36,810	0.78	0	
MML FOREIGN FD	EQUITY	ROCHE HOLDING AG GENUSSCHEIN	\$ 9,217,623	30,890	2.51	0	
MML FOREIGN FD	EQUITY	NOVARTIS AG REG	\$ 4,866,980	53,730	1.33	0	
MML FOREIGN FD	EQUITY	AXA SA	\$ 5,994,762	251,197	1.63	0	
MML FOREIGN FD	EQUITY	ENI SPA	\$ 6,182,647	226,188	1.68	0	
MML FOREIGN FD	EQUITY	TAIWAN SEMICONDUCTOR MANUFAC	\$ 2,174,863	516,275	0.59	0	
MML FOREIGN FD	CASH	US DOLLAR	\$ 0	0	-	0	
MML FOREIGN FD	EQUITY	QANTAS AIRWAYS LTD	\$ 2,115,736	1,779,238	0.58	0	
MML FOREIGN FD	CASH	EURO CURRENCY	\$ 0	0	-	0	
MML FOREIGN FD	EQUITY	TELEFONICA SA SPON ADR	\$ 5,884,953	342,946	1.60	0	
MML FOREIGN FD	EQUITY	SAP SE SPONSORED ADR	\$ 1,404,403	18,239	0.38	0	
MML FOREIGN FD	EQUITY	TOYOTA MOTOR CORP SPON ADR	\$ 6,243,141	52,174	1.70	0	
MML FOREIGN FD	EQUITY	TEVA PHARMACEUTICAL SP ADR	\$ 5,059,316	96,515	1.38	0	
MML FOREIGN FD	EQUITY	PETROLEO BRASILEIRO SPON ADR	\$ 2,341,386	149,705	0.64	0	
MML FOREIGN FD	EQUITY	KONINKLIJKE PHILIPS NV	\$ 2,589,928	81,700	0.71	0	
MML FOREIGN FD	EQUITY	HUTCHISON WHAMPOA LTD	\$ 2,928,617	214,291	0.80	0	
MML FOREIGN FD	EQUITY	ITOCHU CORP	\$ 2,917,592	226,800	0.79	0	
MML FOREIGN FD	EQUITY	KONICA MINOLTA INC	\$ 1,963,669	198,300	0.53	0	
MML FOREIGN FD	EQUITY	NIKON CORP	\$ 2,358,687	149,600	0.64	0	
MML FOREIGN FD	EQUITY	NISSAN MOTOR CO LTD	\$ 4,605,946	484,670	1.25	0	
MML FOREIGN FD	EQUITY	INFINEON TECHNOLOGIES AG	\$ 5,507,378	440,557	1.50	0	
MML FOREIGN FD	EQUITY	HSBC HOLDINGS PLC	\$ 6,477,877	638,400	1.76	0	
MML FOREIGN FD	EQUITY	CHINA MOBILE LTD	\$ 2,703,733	278,500	0.74	0	
MML FOREIGN FD	EQUITY	HYUNDAI MOBIS CO LTD	\$ 2,291,936	8,167	0.62	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FOREIGN FD	EQUITY	SAMSUNG ELECTRONICS CO LTD	\$ 8,121,083	6,211	2.21	0	
MML FOREIGN FD	EQUITY	DEUTSCHE POST AG REG	\$ 2,190,729	60,571	0.60	0	
MML FOREIGN FD	EQUITY	CHINA TELECOM CORP LTD H	\$ 4,653,188	9,487,643	1.27	0	
MML FOREIGN FD	EQUITY	KINGFISHER PLC	\$ 5,211,523	849,174	1.42	0	
MML FOREIGN FD	EQUITY	GETINGE AB B SHS	\$ 2,749,406	104,690	0.75	0	
MML FOREIGN FD	EQUITY	CHINA LIFE INSURANCE CO H	\$ 1,754,029	671,000	0.48	0	
MML FOREIGN FD	EQUITY	NOBLE GROUP LTD	\$ 4,667,100	4,245,000	1.27	0	
MML FOREIGN FD	EQUITY	G4S PLC	\$ 2,041,184	467,590	0.56	0	
MML FOREIGN FD	EQUITY	SINGAPORE TELECOMMUNICATIONS	\$ 5,650,064	1,829,000	1.54	0	
MML FOREIGN FD	EQUITY	CHINA SHENHUA ENERGY CO H	\$ 1,703,798	589,000	0.46	0	
MML FOREIGN FD	EQUITY	FUGRO NV CVA	\$ 1,898,116	33,180	0.52	0	
MML FOREIGN FD	EQUITY	ROYAL DUTCH SHELL PLC B SHS	\$ 5,016,112	115,344	1.37	0	
MML FOREIGN FD	EQUITY	BAYER AG REG	\$ 6,562,401	46,460	1.79	0	
MML FOREIGN FD	EQUITY	HEIDELBERGCEMENT AG	\$ 5,512,827	64,640	1.50	0	
MML FOREIGN FD	EQUITY	DEUTSCHE LUFTHANSA REG	\$ 2,354,804	109,680	0.64	0	
MML FOREIGN FD	EQUITY	MUENCHENER RUECKVER AG REG	\$ 3,875,016	17,480	1.06	0	
MML GLOBAL-MFS	EQUITY	LVMH MOET HENNESSY LOUIS VUI	\$ 4,386,390	22,771	1.83	0	
MML GLOBAL-MFS	EQUITY	STANDARD CHARTERED PLC	\$ 2,376,909	116,311	0.99	0	
MML GLOBAL-MFS	EQUITY	COMPASS GROUP PLC	\$ 3,165,445	181,330	1.32	0	
MML GLOBAL-MFS	EQUITY	AKZO NOBEL	\$ 3,031,176	40,428	1.27	0	
MML GLOBAL-MFS	EQUITY	LINDE AG	\$ 6,602,634	31,048	2.76	0	
MML GLOBAL-MFS	EQUITY	HOYA CORP	\$ 2,172,936	65,300	0.91	0	
MML GLOBAL-MFS	EQUITY	KOMERCNI BANKA AS	\$ 426,450	1,854	0.18	0	
MML GLOBAL-MFS	EQUITY	BANK OF NEW YORK MELLON CORP	\$ 4,066,205	108,490	1.70	0	
MML GLOBAL-MFS	EQUITY	RECKITT BENCKISER GROUP PLC	\$ 6,211,102	71,222	2.60	0	
MML GLOBAL-MFS	EQUITY	VISA INC CLASS A SHARES	\$ 4,410,582	20,932	1.84	0	
MML GLOBAL-MFS	EQUITY	DR PEPPER SNAPPLE GROUP INC	\$ 598,922	10,224	0.25	0	
MML GLOBAL-MFS	EQUITY	ITAU UNIBANCO HLDNG PREF ADR	\$ 1,810,960	125,936	0.76	0	
MML GLOBAL-MFS	EQUITY	TIME WARNER CABLE	\$ 1,941,414	13,180	0.81	0	
MML GLOBAL-MFS	EQUITY	TIME WARNER INC	\$ 5,112,514	72,776	2.14	0	
MML GLOBAL-MFS	EQUITY	ACCENTURE PLC CL A	\$ 4,831,807	59,770	2.02	0	
MML GLOBAL-MFS	EQUITY	JULIUS BAER GROUP LTD	\$ 1,059,085	25,685	0.44	0	
MML GLOBAL-MFS	EQUITY	BRENNTAG AG	\$ 1,088,480	6,094	0.46	0	
MML GLOBAL-MFS	EQUITY	SWISS RE AG	\$ 734,231	8,250	0.31	0	
MML GLOBAL-MFS	EQUITY	SBERBANK SPONSORED ADR	\$ 566,845	55,737	0.24	0	
MML GLOBAL-MFS	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 2,047,077	29,780	0.86	0	
MML GLOBAL-MFS	EQUITY	WPP PLC	\$ 3,463,982	159,081	1.45	0	
MML GLOBAL-MFS	EQUITY	CIE FINANCIERE RICHEMON BR A	\$ 2,981,793	28,410	1.25	0	
MML GLOBAL-MFS	EQUITY	NOW INC/DE	\$ 251,189	6,937	0.11	0	
MML GLOBAL-MFS	CASH EQUIVALENT	STATE STREET REPO	\$ 1,961,116	1,961,116	0.82	0.01	7/1/2014
MML GLOBAL-MFS	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 16,719	16,719	0.01	0	7/1/2014
MML GLOBAL-MFS	EQUITY	COLGATE PALMOLIVE CO	\$ 3,336,797	48,941	1.40	0	
MML GLOBAL-MFS	EQUITY	HARLEY DAVIDSON INC	\$ 507,810	7,270	0.21	0	
MML GLOBAL-MFS	EQUITY	DEUTSCHE BOERSE AG	\$ 1,361,070	17,538	0.57	0	
MML GLOBAL-MFS	EQUITY	ROCHE HOLDING AG GENUSSSCHEIN	\$ 1,773,400	5,943	0.74	0	
MML GLOBAL-MFS	EQUITY	ADECCO SA REG	\$ 1,440,703	17,520	0.60	0	
MML GLOBAL-MFS	EQUITY	NESTLE SA REG	\$ 6,452,161	83,272	2.70	0	
MML GLOBAL-MFS	EQUITY	SONOVA HOLDING AG REG	\$ 1,715,972	11,242	0.72	0	
MML GLOBAL-MFS	EQUITY	3M CO	\$ 4,589,983	32,044	1.92	0	
MML GLOBAL-MFS	EQUITY	WILLIAM HILL PLC	\$ 731,042	130,421	0.31	0	
MML GLOBAL-MFS	EQUITY	BURBERRY GROUP PLC	\$ 1,489,474	58,747	0.62	0	
MML GLOBAL-MFS	EQUITY	HEINEKEN NV	\$ 3,381,886	47,104	1.41	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML GLOBAL-MFS	EQUITY	MTU AERO ENGINES AG	\$ 1,577,088	17,140	0.66	0	
MML GLOBAL-MFS	EQUITY	ICICI BANK LTD	\$ 453,103	19,244	0.19	0	
MML GLOBAL-MFS	EQUITY	ERSTE GROUP BANK AG	\$ 1,154,697	35,694	0.48	0	
MML GLOBAL-MFS	EQUITY	LAWSON INC	\$ 600,583	8,000	0.25	0	
MML GLOBAL-MFS	CASH	SOUTH KOREAN WON	\$ 0	34	-	0	
MML GLOBAL-MFS	EQUITY	STRYKER CORP	\$ 2,512,736	29,800	1.05	0	
MML GLOBAL-MFS	EQUITY	CANADIAN NATL RAILWAY CO	\$ 4,652,831	71,560	1.95	0	
MML GLOBAL-MFS	EQUITY	KELLOGG CO	\$ 1,836,052	27,946	0.77	0	
MML GLOBAL-MFS	EQUITY	BRITISH SKY BROADCASTING GRO	\$ 1,321,063	85,470	0.55	0	
MML GLOBAL-MFS	CASH	JAPANESE YEN	\$ -	0	-	0	
MML GLOBAL-MFS	EQUITY	URBAN OUTFITTERS INC	\$ 1,225,427	36,191	0.51	0	
MML GLOBAL-MFS	EQUITY	DIAGEO PLC	\$ 5,447,950	171,140	2.28	0	
MML GLOBAL-MFS	EQUITY	CARLSBERG AS B	\$ 2,097,302	19,472	0.88	0	
MML GLOBAL-MFS	EQUITY	AMPHENOL CORP CL A	\$ 1,921,983	19,950	0.80	0	
MML GLOBAL-MFS	EQUITY	DENTSPLY INTERNATIONAL INC	\$ 1,771,364	37,410	0.74	0	
MML GLOBAL-MFS	EQUITY	PERNOD RICARD SA	\$ 3,464,989	28,853	1.45	0	
MML GLOBAL-MFS	EQUITY	MERCK KGAA	\$ 2,358,984	27,176	0.99	0	
MML GLOBAL-MFS	EQUITY	SCHNEIDER ELECTRIC SE	\$ 3,592,994	38,096	1.50	0	
MML GLOBAL-MFS	EQUITY	BAYER AG REG	\$ 5,494,704	38,901	2.30	0	
MML GLOBAL-MFS	EQUITY	DASSAULT SYSTEMES SA	\$ 503,077	3,914	0.21	0	
MML GLOBAL-MFS	EQUITY	SAIPEM SPA	\$ 1,169,972	43,415	0.49	0	
MML GLOBAL-MFS	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 5,308,820	44,990	2.22	0	
MML GLOBAL-MFS	EQUITY	CREDICORP LTD	\$ 573,062	3,686	0.24	0	
MML GLOBAL-MFS	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 1,696,636	34,760	0.71	0	
MML GLOBAL-MFS	EQUITY	TARGET CORP	\$ 1,389,641	23,980	0.58	0	
MML GLOBAL-MFS	EQUITY	UNITED TECHNOLOGIES CORP	\$ 4,689,579	40,620	1.96	0	
MML GLOBAL-MFS	EQUITY	AMERICAN EXPRESS CO	\$ 3,606,957	38,020	1.51	0	
MML GLOBAL-MFS	EQUITY	NIKE INC CL B	\$ 829,010	10,690	0.35	0	
MML GLOBAL-MFS	EQUITY	UNITED PARCEL SERVICE CL B	\$ 3,777,888	36,800	1.58	0	
MML GLOBAL-MFS	EQUITY	WALT DISNEY CO/THE	\$ 7,123,279	83,080	2.98	0	
MML GLOBAL-MFS	EQUITY	MEDTRONIC INC	\$ 3,034,976	47,600	1.27	0	
MML GLOBAL-MFS	EQUITY	OMNICOM GROUP	\$ 2,237,020	31,410	0.94	0	
MML GLOBAL-MFS	EQUITY	ORACLE CORP	\$ 4,354,381	107,436	1.82	0	
MML GLOBAL-MFS	EQUITY	PRAXAIR INC	\$ 2,550,395	19,199	1.07	0	
MML GLOBAL-MFS	EQUITY	WATERS CORP	\$ 2,104,466	20,150	0.88	0	
MML GLOBAL-MFS	EQUITY	INTL FLAVORS + FRAGRANCES	\$ 1,869,845	17,931	0.78	0	
MML GLOBAL-MFS	EQUITY	JOHNSON + JOHNSON	\$ 1,669,735	15,960	0.70	0	
MML GLOBAL-MFS	EQUITY	MCDONALD S CORP	\$ 2,681,699	26,620	1.12	0	
MML GLOBAL-MFS	EQUITY	STATE STREET CORP	\$ 4,772,568	70,957	2.00	0	
MML GLOBAL-MFS	EQUITY	SAMSUNG ELECTRONICS CO LTD	\$ 1,689,332	1,292	0.71	0	
MML GLOBAL-MFS	EQUITY	KASIKORN BANK PCL FOREIGN	\$ 818,775	129,600	0.34	0	
MML GLOBAL-MFS	EQUITY	FRANKLIN RESOURCES INC	\$ 3,486,190	60,273	1.46	0	
MML GLOBAL-MFS	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 5,701,553	61,340	2.38	0	
MML GLOBAL-MFS	EQUITY	PROCTER + GAMBLE CO/THE	\$ 763,109	9,710	0.32	0	
MML GLOBAL-MFS	EQUITY	CISCO SYSTEMS INC	\$ 1,492,491	60,060	0.62	0	
MML GLOBAL-MFS	EQUITY	GRUPO FINANCIERO BANORTE O	\$ 795,247	111,200	0.33	0	
MML GLOBAL-MFS	CASH	EURO CURRENCY	\$ 2	2	0.00	0	
MML GLOBAL-MFS	EQUITY	GOLDMAN SACHS GROUP INC	\$ 2,784,527	16,630	1.16	0	
MML GLOBAL-MFS	EQUITY	SCHLUMBERGER LTD	\$ 4,521,024	38,330	1.89	0	
MML GLOBAL-MFS	EQUITY	CHECK POINT SOFTWARE TECH	\$ 963,221	14,370	0.40	0	
MML GLOBAL-MFS	EQUITY	AUTOZONE INC	\$ 2,088,119	3,894	0.87	0	
MML GLOBAL-MFS	EQUITY	ROCKWELL AUTOMATION INC	\$ 648,329	5,180	0.27	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML GLOBAL-MFS	EQUITY	ALTERA CORP	\$ 1,081,384	31,110	0.45	0	
MML GLOBAL-MFS	EQUITY	ST JUDE MEDICAL INC	\$ 3,166,803	45,730	1.32	0	
MML GLOBAL-MFS	EQUITY	VIACOM INC CLASS B	\$ 915,869	10,560	0.38	0	
MML GLOBAL-MFS	EQUITY	INPEX CORP	\$ 1,283,836	84,300	0.54	0	
MML GLOBAL-MFS	EQUITY	LEGRAND SA	\$ 3,000,972	49,090	1.25	0	
MML GLOBAL-MFS	EQUITY	KUEHNE + NAGEL INTL AG REG	\$ 456,557	3,430	0.19	0	
MML GLOBAL-MFS	EQUITY	UBS AG REG	\$ 2,563,083	139,875	1.07	0	
MML GLOBAL-MFS	EQUITY	SALLY BEAUTY HOLDINGS INC	\$ 1,491,257	59,460	0.62	0	
MML GLOBAL-MFS	EQUITY	WHITBREAD PLC	\$ 352,492	4,678	0.15	0	
MML GLOBAL-MFS	EQUITY	SVENSKA CELLULOSA AB SCA B	\$ 1,895,869	72,797	0.79	0	
MML GLOBAL-MFS	EQUITY	DANONE	\$ 4,318,207	58,183	1.81	0	
MML GLOBAL-MFS	EQUITY	AIR LIQUIDE SA	\$ 1,388,841	10,287	0.58	0	
MML GLOBAL-MFS	EQUITY	NATIONAL OILWELL VARCO INC	\$ 1,942,719	23,591	0.81	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HOSPIRA INC	\$ 4,212,340	82,000	0.99	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ALNYLAM PHARMACEUTICALS INC	\$ 1,137,060	18,000	0.27	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DROPBOX INC	\$ 131,767	9,011	0.03	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DROPBOX INC SR A 1 CONV PFD S	\$ 803,748	54,965	0.19	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	NORWEGIAN CRUISE LINE HOLDIN	\$ 4,216,100	133,000	0.99	0	
MML MID CAP GROWTH - BERGUIS	CASH EQUIVALENT	STATE STREET REPO	\$ 16,828,367	16,828,367	3.96	0.01	7/1/2014
MML MID CAP GROWTH - BERGUIS	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 434	434	0.00	0	7/1/2014
MML MID CAP GROWTH - BERGUIS	EQUITY	ATLASSIAN SER 1 RESTRICTED	\$ 94,272	5,892	0.02	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MANPOWERGROUP INC	\$ 3,648,550	43,000	0.86	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ROCKWOOD HOLDINGS INC	\$ 3,951,480	52,000	0.93	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CHIPOTLE MEXICAN GRILL INC	\$ 2,370,040	4,000	0.56	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MOTOROLA SOLUTIONS INC	\$ 5,525,310	83,000	1.30	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HUNGRY MACHINE INC PRFD SR E	\$ 69,912	158,890	0.02	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ALKERMES PLC	\$ 4,529,700	90,000	1.07	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DROPBOX INC SER A CONV PFD STK	\$ 163,630	11,190	0.04	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SPROUTS FARMERS MARKET INC	\$ 1,799,600	55,000	0.42	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATHLON ENERGY INC	\$ 1,240,200	26,000	0.29	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ENVISION HEALTHCARE HOLDINGS	\$ 2,010,960	56,000	0.47	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	VEEVA SYSTEMS INC CLASS A	\$ 458,100	18,000	0.11	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 3,589,100	19,000	0.85	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ARAMARK	\$ 802,280	31,000	0.19	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SANTANDER CONSUMER USA HOLDI	\$ 1,516,320	78,000	0.36	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	WHITEWAVE FOODS CO	\$ 4,369,950	135,000	1.03	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	STRATASYS LTD	\$ 454,520	4,000	0.11	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	L BRANDS INC	\$ 2,346,400	40,000	0.55	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FIDELITY NATIONAL INFORMATIO	\$ 1,861,160	34,000	0.44	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TIM HORTONS INC	\$ 2,134,470	39,000	0.50	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SIRONA DENTAL SYSTEMS INC	\$ 1,649,200	20,000	0.39	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HANESBRANDS INC	\$ 2,559,440	26,000	0.60	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	RANGE RESOURCES CORP	\$ 5,303,950	61,000	1.25	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HENRY SCHEIN INC	\$ 4,153,450	35,000	0.98	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	WORKDAY INC CLASS A	\$ 808,740	9,000	0.19	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MEDNAX INC	\$ 2,558,600	44,000	0.60	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	EQT CORP	\$ 6,520,900	61,000	1.54	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DIGITALGLOBE INC	\$ 2,752,200	99,000	0.65	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CAREFUSION CORP	\$ 4,967,200	112,000	1.17	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	VERISK ANALYTICS INC CLASS A	\$ 3,181,060	53,000	0.75	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DOLLAR GENERAL CORP	\$ 2,237,040	39,000	0.53	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CHARTER COMMUNICATION A	\$ 4,751,400	30,000	1.12	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MID CAP GROWTH - BERGUIS	EQUITY	WILLIS GROUP HOLDINGS PLC	\$ 1,991,800	46,000	0.47	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TOWERS WATSON + CO CL A	\$ 1,042,300	10,000	0.25	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	JDS UNIPHASE CORP	\$ 3,117,500	250,000	0.73	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HERTZ GLOBAL HOLDINGS INC	\$ 2,915,120	104,000	0.69	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	IPG PHOTONICS CORP	\$ 894,400	13,000	0.21	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	WABCO HOLDINGS INC	\$ 2,350,040	22,000	0.55	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CONCHO RESOURCES INC	\$ 3,757,000	26,000	0.89	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MSCI INC	\$ 2,751,000	60,000	0.65	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CALPINE CORP	\$ 2,857,200	120,000	0.67	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DOLLAR TREE INC	\$ 3,049,760	56,000	0.72	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COLFAX CORP	\$ 3,428,840	46,000	0.81	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	RACKSPACE HOSTING INC	\$ 1,178,100	35,000	0.28	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FRANCO NEVADA CORP	\$ 3,214,470	56,000	0.76	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SENSATA TECHNOLOGIES HOLDING	\$ 4,490,880	96,000	1.06	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CORELOGIC INC	\$ 2,975,280	98,000	0.70	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SM ENERGY CO	\$ 2,943,500	35,000	0.69	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CBOE HOLDINGS INC	\$ 3,395,490	69,000	0.80	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TESLA MOTORS INC	\$ 1,440,360	6,000	0.34	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	BABCOCK + WILCOX CO/THE	\$ 4,998,840	154,000	1.18	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	O REILLY AUTOMOTIVE INC	\$ 4,518,000	30,000	1.06	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	LINKEDIN CORP A	\$ 857,350	5,000	0.20	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	XYLEM INC	\$ 1,680,440	43,000	0.40	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TRIPADVISOR INC	\$ 977,940	9,000	0.23	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	LAREDO PETROLEUM INC	\$ 557,640	18,000	0.13	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	GUIDEWIRE SOFTWARE INC	\$ 162,640	4,000	0.04	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	PUMA BIOTECHNOLOGY INC	\$ 528,000	8,000	0.12	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	VANTIV INC CL A	\$ 3,496,480	104,000	0.82	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	REXNORD CORP	\$ 2,561,650	91,000	0.60	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AIMIA INC	\$ 857,804	49,000	0.20	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	LPL FINANCIAL HOLDINGS INC	\$ 2,586,480	52,000	0.61	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SERVICENOW INC	\$ 1,115,280	18,000	0.26	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FIVE BELOW	\$ 3,991	100	0.00	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COUPONS.COM INC	\$ 131,550	5,000	0.03	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COUPONS.COM INC	\$ 1,349,028	53,973	0.32	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 872,270	7,000	0.21	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	IMS HEALTH HOLDINGS INC	\$ 642,000	25,000	0.15	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATLASSIAN SERIES A PREFERENCE	\$ 186,656	11,666	0.04	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATLASSIAN CORPORATION	\$ 252,400	15,775	0.06	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATLASSIAN CORP PLC A	\$ 90,688	5,668	0.02	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATLASSIAN CORP PLC SERIES 1	\$ 193,200	12,075	0.05	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MARKIT LTD	\$ 701,480	26,000	0.17	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MICHAELS COS INC/THE	\$ 755,315	44,300	0.18	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	GLOBAL PAYMENTS INC	\$ 3,132,550	43,000	0.74	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ALIGN TECHNOLOGY INC	\$ 442,716	7,900	0.10	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	SEATTLE GENETICS INC	\$ 382,500	10,000	0.09	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ACUITY BRANDS INC	\$ 3,318,000	24,000	0.78	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	NETFLIX INC	\$ 1,321,800	3,000	0.31	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CARMAX INC	\$ 6,865,320	132,000	1.62	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	INTUITIVE SURGICAL INC	\$ 4,941,600	12,000	1.16	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	BRUKER CORP	\$ 3,349,260	138,000	0.79	0	
MML MID CAP GROWTH - BERGUIS	CASH EQUIVALENT	ROWE T PRICE GOVT RES INV FD	\$ 5,797,974	5,797,974	1.37	0.01	9/19/2034
MML MID CAP GROWTH - BERGUIS	EQUITY	CONSOL ENERGY INC	\$ 2,994,550	65,000	0.71	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MID CAP GROWTH - BERGUIS	EQUITY	CONCUR TECHNOLOGIES INC	\$ 2,426,840	26,000	0.57	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	RED HAT INC	\$ 5,084,840	92,000	1.20	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	GARTNER INC	\$ 4,654,320	66,000	1.10	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AGNICO EAGLE MINES LTD	\$ 2,029,900	53,000	0.48	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	WHOLE FOODS MARKET INC	\$ 1,622,460	42,000	0.38	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	PROGRESSIVE CORP	\$ 3,296,800	130,000	0.78	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FASTENAL CO	\$ 4,454,100	90,000	1.05	0	
MML MID CAP GROWTH - BERGUIS	CASH	CANADIAN DOLLAR	\$ 7,026	7,497	0.00	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	PALL CORP	\$ 5,721,130	67,000	1.35	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TEXTRON INC	\$ 6,624,170	173,000	1.56	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MARRIOTT INTERNATIONAL CL A	\$ 4,487,000	70,000	1.06	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HARLEY DAVIDSON INC	\$ 3,003,550	43,000	0.71	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ATMEL CORP	\$ 2,576,750	275,000	0.61	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AUTOZONE INC	\$ 4,826,160	9,000	1.14	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	EQUIFAX INC	\$ 3,772,080	52,000	0.89	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TRIMBLE NAVIGATION LTD	\$ 2,217,000	60,000	0.52	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 2,082,960	22,000	0.49	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	BALL CORP	\$ 2,757,920	44,000	0.65	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CHOICE HOTELS INTL INC	\$ 2,402,610	51,000	0.57	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COGNEX CORP	\$ 345,600	9,000	0.08	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CREE INC	\$ 649,350	13,000	0.15	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DENTSPLY INTERNATIONAL INC	\$ 5,776,700	122,000	1.36	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FACTSET RESEARCH SYSTEMS INC	\$ 4,209,800	35,000	0.99	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	METTLER TOLEDO INTERNATIONAL	\$ 1,012,720	4,000	0.24	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	UNIVERSAL HEALTH SERVICES B	\$ 3,351,600	35,000	0.79	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	WOLVERINE WORLD WIDE INC	\$ 1,355,120	52,000	0.32	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AMETEK INC	\$ 4,496,080	86,000	1.06	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COOPER COS INC/THE	\$ 4,608,020	34,000	1.09	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COVANCE INC	\$ 3,679,940	43,000	0.87	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CUBIST PHARMACEUTICALS INC	\$ 837,840	12,000	0.20	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	IDEXX LABORATORIES INC	\$ 4,942,090	37,000	1.16	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	INCYTE CORP	\$ 1,862,520	33,000	0.44	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	JONES LANG LASALLE INC	\$ 3,791,700	30,000	0.89	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	NORDSON CORP	\$ 1,363,230	17,000	0.32	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	PHARMACYCLICS INC	\$ 627,970	7,000	0.15	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FISERV INC	\$ 7,298,720	121,000	1.72	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	XILINX INC	\$ 2,460,120	52,000	0.58	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ALTERA CORP	\$ 6,048,240	174,000	1.42	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TELEFLEX INC	\$ 3,484,800	33,000	0.82	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ROPER INDUSTRIES INC	\$ 5,110,350	35,000	1.20	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	PIONEER NATURAL RESOURCES CO	\$ 3,217,340	14,000	0.76	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	RITE AID CORP	\$ 3,097,440	432,000	0.73	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FEI COMPANY	\$ 2,358,980	26,000	0.56	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HCC INSURANCE HOLDINGS INC	\$ 3,425,800	70,000	0.81	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HARMAN INTERNATIONAL	\$ 1,826,310	17,000	0.43	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	HUNT (JB) TRANSPRT SVCS INC	\$ 2,582,300	35,000	0.61	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	VERISIGN INC	\$ 4,197,660	86,000	0.99	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AKAMAI TECHNOLOGIES INC	\$ 2,381,340	39,000	0.56	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	IDEX CORP	\$ 6,297,720	78,000	1.48	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MARTIN MARIETTA MATERIALS	\$ 3,037,150	23,000	0.72	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	AGILENT TECHNOLOGIES INC	\$ 5,456,800	95,000	1.29	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 1,659,540	34,000	0.39	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MID CAP GROWTH - BERGUIS	EQUITY	KANSAS CITY SOUTHERN	\$ 2,902,770	27,000	0.68	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	QUANTA SERVICES INC	\$ 1,798,160	52,000	0.42	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	ILLUMINA INC	\$ 2,142,480	12,000	0.50	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	COACH INC	\$ 1,196,650	35,000	0.28	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	CELANESE CORP SERIES A	\$ 3,342,560	52,000	0.79	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TREEHOUSE FOODS INC	\$ 2,802,450	35,000	0.66	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	DSW INC CLASS A	\$ 279,400	10,000	0.07	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	FIDELITY NATIONAL FINL A	\$ 5,470,920	167,000	1.29	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	IHS INC CLASS A	\$ 7,733,190	57,000	1.82	0	
MML MID CAP GROWTH - BERGUIS	EQUITY	TD AMERITRADE HOLDING CORP	\$ 3,762,000	120,000	0.89	0	
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 181168	\$ 1,206	1,122	0.00	7.5	5/15/2017
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 532418	\$ 5,884	4,923	0.00	7.5	2/1/2030
MML MANAGED BOND FD	FIXED INCOME	UAL 1991 EQUIP TRUST	\$ 43,693	109,233	0.00	10.11	2/19/2006
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 483598	\$ 5,303	4,528	0.00	7	1/15/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA II POOL 080136	\$ 1,649	1,603	0.00	1.625	11/20/2027
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 531196	\$ 494	413	0.00	7.5	2/1/2030
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 493723	\$ 15,934	13,490	0.00	7	8/15/2029
MML MANAGED BOND FD	FIXED INCOME	PROVINCE OF QUEBEC	\$ 554,724	390,000	0.03	7.5	9/15/2029
MML MANAGED BOND FD	CASH	US DOLLAR	\$ 912,958	912,958	0.05	0	
MML MANAGED BOND FD	FIXED INCOME	HIGHWOODS REALTY LP	\$ 230,315	195,000	0.01	7.5	4/15/2018
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.301	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS CAPITAL I	\$ 382,703	335,000	0.02	6.345	2/15/2034
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 178,960	180,089	0.01	0.612	9/25/2034
MML MANAGED BOND FD	FIXED INCOME	ERAC USA FINANCE LLC	\$ 156,453	125,000	0.01	6.7	6/1/2034
MML MANAGED BOND FD	FIXED INCOME	PIONEER NATURAL RESOURCE	\$ 1,258,416	1,150,000	0.07	5.875	7/15/2016
MML MANAGED BOND FD	FIXED INCOME	WASHINGTON MUTUAL BANK F	\$ 113	1,125,000	0.00	5.65	8/15/2014
MML MANAGED BOND FD	FIXED INCOME	UNITED MEXICAN STATES	\$ 887,075	685,000	0.05	6.75	9/27/2034
MML MANAGED BOND FD	FIXED INCOME	GULF SOUTH PIPELINE	\$ 194,201	190,000	0.01	5.05	2/1/2015
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,583,686	1,555,000	0.09	5.116	2/11/2041
MML MANAGED BOND FD	FIXED INCOME	ALLSTATE CORP	\$ 749,319	630,000	0.04	5.55	5/9/2035
MML MANAGED BOND FD	FIXED INCOME	CBS CORP	\$ 423,291	315,000	0.02	7.875	7/30/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 253437	\$ 404	334	0.00	8	9/1/2030
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 342,854	250,000	0.02	7.75	12/1/2030
MML MANAGED BOND FD	FIXED INCOME	DELHAIZE AMERICA LLC	\$ 1,112,021	855,000	0.06	9	4/15/2031
MML MANAGED BOND FD	FIXED INCOME	ANHEUSER BUSCH COS LLC	\$ 166,463	125,000	0.01	6.5	2/1/2043
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 401,242	335,000	0.02	6.125	2/15/2033
MML MANAGED BOND FD	FIXED INCOME	FNMA TBA JUL 30 SINGLE FAM	\$ 40,806,734	37,675,000	2.32	4.5	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	MARSH + MCLENNAN COS INC	\$ 706,594	600,000	0.04	5.875	8/1/2033
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 650,000	650,000	0.04	0.45	9/15/2028
MML MANAGED BOND FD	FIXED INCOME	ZIONS BANCORP	\$ 39,057	37,000	0.00	6	9/15/2015
MML MANAGED BOND FD	FIXED INCOME	NEVADA POWER CO	\$ 739,911	550,000	0.04	6.65	4/1/2036
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 650,040	590,000	0.04	5.375	10/20/2016
MML MANAGED BOND FD	FIXED INCOME	EMBARQ CORP	\$ 867,884	780,000	0.05	7.082	6/1/2016
MML MANAGED BOND FD	FIXED INCOME	EMBARQ CORP	\$ 158,413	145,000	0.01	7.995	6/1/2036
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 1,022,711	950,000	0.06	5.969715	6/10/2046
MML MANAGED BOND FD	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 850,990	773,000	0.05	6.421	6/20/2016
MML MANAGED BOND FD	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 1,038,153	945,000	0.06	6.2	6/15/2016
MML MANAGED BOND FD	FIXED INCOME	GCCFC COMMERCIAL MORTGAGE TRUS	\$ 2,761,467	2,565,715	0.16	6.01461	7/10/2038
MML MANAGED BOND FD	FIXED INCOME	LAFARGE SA	\$ 1,297,575	1,185,000	0.07	6.5	7/15/2016
MML MANAGED BOND FD	FIXED INCOME	AMERICAN EXPRESS CO	\$ 203,500	185,000	0.01	6.8	9/1/2066
MML MANAGED BOND FD	FIXED INCOME	AMERICAN INTL GROUP	\$ 2,765,506	2,200,000	0.16	6.25	5/1/2036
MML MANAGED BOND FD	FIXED INCOME	ANADARKO PETROLEUM CORP	\$ 695,010	545,000	0.04	6.45	9/15/2036

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	VIACOM INC	\$ 291,025	265,000	0.02	6.25	4/30/2016
MML MANAGED BOND FD	FIXED INCOME	GLENCORE FINANCE CANADA	\$ 264,081	240,000	0.02	5.8	11/15/2016
MML MANAGED BOND FD	FIXED INCOME	CREDIT BASED ASSET SERVICING A	\$ 651,748	655,432	0.04	0.442	7/25/2036
MML MANAGED BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 1,338,162	1,240,000	0.08	5.429	12/12/2043
MML MANAGED BOND FD	FIXED INCOME	BOARDWALK PIPELINES LLC	\$ 2,626,909	2,390,000	0.15	5.875	11/15/2016
MML MANAGED BOND FD	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 1,197,330	1,070,000	0.07	6.25	1/23/2017
MML MANAGED BOND FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 1,843,630	1,968,275	0.10	0.572	5/25/2036
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,459,845	1,345,000	0.08	5.201	12/11/2038
MML MANAGED BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 1,767,016	1,620,000	0.10	5.466	6/12/2047
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF PERU	\$ 508,883	405,000	0.03	6.55	3/14/2037
MML MANAGED BOND FD	FIXED INCOME	HARTFORD FINL SVCS GRP	\$ 359,182	325,000	0.02	5.375	3/15/2017
MML MANAGED BOND FD	FIXED INCOME	PACIFIC GAS + ELECTRIC	\$ 654,844	543,000	0.04	5.8	3/1/2037
MML MANAGED BOND FD	FIXED INCOME	SOUTHERN NATURAL GAS	\$ 348,481	310,000	0.02	5.9	4/1/2017
MML MANAGED BOND FD	FIXED INCOME	TRW AUTOMOTIVE INC	\$ 932,750	820,000	0.05	7.25	3/15/2017
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 374440	\$ 932	816	0.00	7	11/15/2023
MML MANAGED BOND FD	FIXED INCOME	MEAD CORP	\$ 1,191,236	1,000,000	0.07	7.55	3/1/2047
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 480539	\$ 645	548	0.00	7	4/15/2029
MML MANAGED BOND FD	FIXED INCOME	ELECTRONIC DATA SYSTEMS	\$ 368,166	300,000	0.02	7.45	10/15/2029
MML MANAGED BOND FD	FIXED INCOME	HOUSEHOLD HOME EQUITY LOAN TRU	\$ 942,283	1,043,110	0.05	0.683	1/20/2034
MML MANAGED BOND FD	FIXED INCOME	BOARDWALK PIPELINES LLC	\$ 217,859	200,000	0.01	5.5	2/1/2017
MML MANAGED BOND FD	FIXED INCOME	TELECOM ITALIA CAPITAL	\$ 115,288	115,000	0.01	6	9/30/2034
MML MANAGED BOND FD	FIXED INCOME	BSKYB FINANCE UK PLC	\$ 1,501,851	1,415,000	0.09	5.625	10/15/2015
MML MANAGED BOND FD	FIXED INCOME	TEVA PHARM FIN CO LLC	\$ 477,598	395,000	0.03	6.15	2/1/2036
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 4,019,420	3,310,000	0.23	4.5	2/15/2036
MML MANAGED BOND FD	FIXED INCOME	PETROLEOS MEXICANOS	\$ 164,850	140,000	0.01	6.625	6/15/2035
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 2,042,585	1,920,000	0.12	5.466	1/15/2045
MML MANAGED BOND FD	FIXED INCOME	TYSON FOODS INC	\$ 2,519,346	2,300,000	0.14	6.6	4/1/2016
MML MANAGED BOND FD	FIXED INCOME	INTEL CORP	\$ 1,305,281	1,050,000	0.07	2.95	12/15/2035
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.303	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 3,266,567	3,015,000	0.19	5.339	11/15/2048
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 1,027,862	950,000	0.06	5.37	12/15/2043
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 1,073,027	975,000	0.06	5.625	1/15/2017
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 363,526	330,000	0.02	5.45	1/9/2017
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO BANK NA	\$ 30,895	25,000	0.00	5.85	2/1/2037
MML MANAGED BOND FD	FIXED INCOME	KINDER MORGAN ENER PART	\$ 176,175	150,000	0.01	6.5	2/1/2037
MML MANAGED BOND FD	FIXED INCOME	KINDER MORGAN ENER PART	\$ 206,367	185,000	0.01	6	2/1/2017
MML MANAGED BOND FD	FIXED INCOME	WESTERN UNION CO/THE	\$ 4,412,742	4,020,000	0.25	5.93	10/1/2016
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 1,655,766	1,520,000	0.09	5.478	2/12/2044
MML MANAGED BOND FD	FIXED INCOME	ANIXTER INC	\$ 617,250	600,000	0.04	5.95	3/1/2015
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 1,850,000	1,850,000	0.11	2.64	3/15/2028
MML MANAGED BOND FD	FIXED INCOME	FLORIDA POWER + LIGHT CO	\$ 711,384	630,000	0.04	4.95	6/1/2035
MML MANAGED BOND FD	FIXED INCOME	MASCO CORP	\$ 1,940,848	1,875,000	0.11	4.8	6/15/2015
MML MANAGED BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 867,735	820,000	0.05	4.75	1/15/2016
MML MANAGED BOND FD	FIXED INCOME	HSI ASSET SECURITIZATION CORPO	\$ 153,401	155,338	0.01	0.512	7/25/2035
MML MANAGED BOND FD	FIXED INCOME	SMS STUDENT LOAN TRUST	\$ 216,587	217,115	0.01	0.41785	10/28/2028
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 36,812	36,857	0.00	0.602	9/25/2035
MML MANAGED BOND FD	FIXED INCOME	ASSET BACKED FUNDING CERTIFICA	\$ 490,553	496,523	0.03	0.812	6/25/2035
MML MANAGED BOND FD	FIXED INCOME	CREDIT SUISSE MORTGAGE TRUST	\$ 1,208,783	1,145,000	0.07	5.609	2/15/2039
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL G11630	\$ 268,449	253,983	0.02	3.5	6/1/2019
MML MANAGED BOND FD	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 319,105	300,000	0.02	5.81	11/10/2015
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,774,839	1,650,000	0.10	5.93693	9/11/2038
MML MANAGED BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 1,397,898	1,300,871	0.08	6.06586	6/12/2046

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 2,872,915	2,667,000	0.16	6.169556	6/15/2045
MML MANAGED BOND FD	FIXED INCOME	GOAL CAPITAL FUNDING TRUST	\$ 1,049,842	1,053,574	0.06	0.34715	11/25/2026
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 570,377	574,186	0.03	0.642	12/25/2035
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 523,541	542,102	0.03	0.582	7/25/2035
MML MANAGED BOND FD	FIXED INCOME	RESIDENTIAL ASSET MORTGAGE PRO	\$ 1,232,335	1,305,000	0.07	0.552	10/25/2035
MML MANAGED BOND FD	FIXED INCOME	KANSAS GAS + ELECTRIC CO	\$ 227,759	211,918	0.01	5.647	3/29/2021
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C90939	\$ 87,939	78,753	0.00	5.5	12/1/2025
MML MANAGED BOND FD	FIXED INCOME	R.R. DONNELLEY + SONS	\$ 60,918	59,000	0.00	5.5	5/15/2015
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 2,377,918	2,255,000	0.14	5.504726	12/15/2044
MML MANAGED BOND FD	FIXED INCOME	AMERIQUEST MORTGAGE SECURITIES	\$ 141,930	142,156	0.01	0.892	11/25/2034
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE PARTNERSHIP TRUST	\$ 491,861	541,680	0.03	1.052	2/25/2035
MML MANAGED BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 1,739,063	1,750,000	0.10	1.651	6/15/2043
MML MANAGED BOND FD	FIXED INCOME	ASSET BACKED SECURITIES CORP H	\$ 461,582	467,002	0.03	0.827	2/25/2035
MML MANAGED BOND FD	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 827,432	770,000	0.05	6.25	1/11/2016
MML MANAGED BOND FD	FIXED INCOME	CSX CORP	\$ 62,527	50,000	0.00	7.25	5/1/2027
MML MANAGED BOND FD	FIXED INCOME	DEUTSCHE TELEKOM INT FIN	\$ 694,685	475,000	0.04	8.75	6/15/2030
MML MANAGED BOND FD	FIXED INCOME	21ST CENTURY FOX AMERICA	\$ 1,733,385	1,500,000	0.10	8	10/17/2016
MML MANAGED BOND FD	FIXED INCOME	BRITISH TELECOM PLC	\$ 788,413	495,000	0.04	9.625	12/15/2030
MML MANAGED BOND FD	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 861,000	1,050,000	0.05	1.6362	3/1/2042
MML MANAGED BOND FD	FIXED INCOME	BOSTON PROPERTIES LP	\$ 176,782	170,000	0.01	5	6/1/2015
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.302	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	TRI STATE 2003 SERIES A	\$ 198,673	184,532	0.01	6.04	1/31/2018
MML MANAGED BOND FD	FIXED INCOME	TRI STATE SERIES B PASS	\$ 595,234	480,000	0.03	7.144	7/31/2033
MML MANAGED BOND FD	FIXED INCOME	TENASKA OKLAHOMA	\$ 28,777	28,778	0.00	6.528	12/30/2014
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA STUDENT LOAN TRUST	\$ 97,876	97,890	0.01	0.33875	7/27/2020
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.302	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 2,281,990	2,100,000	0.13	5.447	2/12/2044
MML MANAGED BOND FD	FIXED INCOME	ACCESS GROUP INC	\$ 209,702	210,613	0.01	0.35715	8/25/2026
MML MANAGED BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 268,135	250,000	0.02	4.75	5/15/2018
MML MANAGED BOND FD	FIXED INCOME	UNION PACIFIC CORP	\$ 569,150	520,000	0.03	5.375	6/1/2033
MML MANAGED BOND FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 2,094,397	2,214,913	0.12	0.977	6/25/2035
MML MANAGED BOND FD	FIXED INCOME	RESIDENTIAL ASSET MORTGAGE PRO	\$ 1,299,833	1,327,939	0.07	0.562	9/25/2035
MML MANAGED BOND FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 479,477	480,247	0.03	0.43935	5/28/2026
MML MANAGED BOND FD	FIXED INCOME	EXPEDIA INC	\$ 3,024,124	2,550,000	0.17	7.456	8/15/2018
MML MANAGED BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 9,236	9,910	0.00	2.225027	2/25/2034
MML MANAGED BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 542,879	552,489	0.03	0.652	3/25/2035
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL INC	\$ 1,351,890	1,369,609	0.08	0.902	7/25/2035
MML MANAGED BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 648,614	660,601	0.04	0.532	8/25/2035
MML MANAGED BOND FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 26,440	26,471	0.00	0.342	3/25/2036
MML MANAGED BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 3,236,520	3,000,000	0.18	5.204	12/12/2049
MML MANAGED BOND FD	FIXED INCOME	KEYCORP STUDENT LOAN TRUST	\$ 1,499,347	1,560,000	0.09	0.54385	9/27/2035
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,002,266	925,000	0.06	5.243	12/11/2038
MML MANAGED BOND FD	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 3,976,691	4,001,154	0.23	0.39645	7/15/2036
MML MANAGED BOND FD	FIXED INCOME	CHUBB CORP	\$ 1,674,654	1,507,000	0.10	6.375	3/29/2067
MML MANAGED BOND FD	FIXED INCOME	IMPAC SECURED ASSETS CORP.	\$ 381,828	586,616	0.02	0.262	5/25/2037
MML MANAGED BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 593,743	650,000	0.03	1.88	6/15/2043
MML MANAGED BOND FD	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 1,170,167	1,045,000	0.07	6.85	11/15/2036
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 880,051	800,000	0.05	5.471	1/12/2045
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 2,744,210	2,545,000	0.16	5.513	1/12/2045
MML MANAGED BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 2,474,588	2,310,000	0.14	2.5	5/15/2037
MML MANAGED BOND FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 1,139,955	1,197,464	0.06	0.947	2/25/2035
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 1,340,502	1,240,000	0.08	5.509	4/15/2047

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 1,537,923	1,400,000	0.09	5.591	4/15/2047
MML MANAGED BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 2,136,895	2,175,129	0.12	0.8845	6/28/2035
MML MANAGED BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 844,792	950,000	0.05	0.9145	6/28/2035
MML MANAGED BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 126,596	137,421	0.01	0.402	8/25/2036
MML MANAGED BOND FD	FIXED INCOME	HIGHWOODS REALTY LIMITED	\$ 2,000,614	1,800,000	0.11	5.85	3/15/2017
MML MANAGED BOND FD	FIXED INCOME	ACCESS GROUP INC	\$ 1,095,084	1,183,955	0.06	1.23	7/1/2038
MML MANAGED BOND FD	FIXED INCOME	TIAA SEASONED COMMERCIAL MORTG	\$ 1,021,940	975,000	0.06	5.564473	8/15/2039
MML MANAGED BOND FD	FIXED INCOME	TIAA SEASONED COMMERCIAL MORTG	\$ 823,458	810,447	0.05	5.564473	8/15/2039
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 2,783,827	2,487,000	0.16	5.98761	12/10/2049
MML MANAGED BOND FD	FIXED INCOME	WAL MART STORES INC	\$ 684,509	515,000	0.04	6.5	8/15/2037
MML MANAGED BOND FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 1,439,742	1,502,150	0.08	0.602	7/25/2035
MML MANAGED BOND FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 1,480,996	1,554,359	0.08	0.582	11/25/2035
MML MANAGED BOND FD	FIXED INCOME	SIEMENS FINANCIERINGSMAT	\$ 587,410	530,000	0.03	5.75	10/17/2016
MML MANAGED BOND FD	FIXED INCOME	CLI FUNDING LLC	\$ 362,916	363,795	0.02	0.334	8/18/2021
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 1,570,129	1,664,982	0.09	0.352	11/25/2045
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER INC	\$ 790,584	710,000	0.04	5.875	11/15/2016
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 6,930	7,687	0.00	3.01081	9/25/2033
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 345,763	342,492	0.02	5.61	4/15/2049
MML MANAGED BOND FD	FIXED INCOME	AT+T INC	\$ 1,402,941	1,135,000	0.08	6.5	9/1/2037
MML MANAGED BOND FD	FIXED INCOME	GCO EDUCATION LOAN FUNDING TRU	\$ 349,111	349,692	0.02	0.32715	8/25/2025
MML MANAGED BOND FD	FIXED INCOME	GSR MORTGAGE LOAN TRUST	\$ 21,200	22,364	0.00	2.544331	8/25/2034
MML MANAGED BOND FD	FIXED INCOME	HOME EQUITY ASSET TRUST	\$ 402,558	412,672	0.02	0.322	8/25/2036
MML MANAGED BOND FD	FIXED INCOME	TRAVELERS COS INC	\$ 709,286	550,000	0.04	6.25	6/15/2037
MML MANAGED BOND FD	FIXED INCOME	MACYS RETAIL HLDGS INC	\$ 716,205	610,000	0.04	7.45	7/15/2017
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA CORP	\$ 1,029,038	910,000	0.06	5.75	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	JANUS CAPITAL GROUP INC	\$ 2,688,362	2,375,000	0.15	6.7	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	COOPER US INC	\$ 601,747	535,000	0.03	6.1	7/1/2017
MML MANAGED BOND FD	FIXED INCOME	PROGRESSIVE CORP	\$ 2,268,388	2,039,000	0.13	6.7	6/15/2067
MML MANAGED BOND FD	FIXED INCOME	KINDER MORGAN ENER PART	\$ 215,752	175,000	0.01	6.95	1/15/2038
MML MANAGED BOND FD	FIXED INCOME	BERKSHIRE HATHAWAY ENERG	\$ 1,342,437	1,100,000	0.08	5.95	5/15/2037
MML MANAGED BOND FD	FIXED INCOME	COMMERCIAL METALS CO	\$ 852,019	765,000	0.05	6.5	7/15/2017
MML MANAGED BOND FD	FIXED INCOME	TRANS CANADA PIPELINES	\$ 164,538	130,000	0.01	6.2	10/15/2037
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,552,589	1,395,000	0.09	5.835	9/11/2042
MML MANAGED BOND FD	FIXED INCOME	MCDONALD S CORP	\$ 516,942	400,000	0.03	6.3	10/15/2037
MML MANAGED BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 2,802,885	2,520,000	0.16	5.7	9/12/2049
MML MANAGED BOND FD	FUTURE	90DAY EUR FUTR SEP14	\$ -	(195,000,000)	-	0	9/15/2014
MML MANAGED BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 1,846,302	1,665,711	0.10	5.948091	2/10/2051
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 852,092	745,000	0.05	6.125	11/21/2017
MML MANAGED BOND FD	FIXED INCOME	WISCONSIN PUBLIC SERVICE	\$ 419,098	380,000	0.02	5.65	11/1/2017
MML MANAGED BOND FD	FIXED INCOME	VIRGINIA ELEC + POWER CO	\$ 846,096	640,000	0.05	6.35	11/30/2037
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 879,778	780,000	0.05	5.75	12/1/2017
MML MANAGED BOND FD	FIXED INCOME	HSBC HOLDINGS PLC	\$ 702,841	570,000	0.04	6.5	9/15/2037
MML MANAGED BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 186,232	166,000	0.01	5.75	9/15/2017
MML MANAGED BOND FD	FIXED INCOME	TEXAS EASTERN TRANSMISSI	\$ 256,763	230,000	0.01	6	9/15/2017
MML MANAGED BOND FD	FIXED INCOME	BLACKROCK INC	\$ 339,698	295,000	0.02	6.25	9/15/2017
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 3,220,017	2,870,000	0.18	5.915	6/11/2050
MML MANAGED BOND FD	FIXED INCOME	CANADIAN NATL RAILWAY	\$ 227,665	200,000	0.01	5.85	11/15/2017
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF TURKEY	\$ 948,360	840,000	0.05	6.75	4/3/2018
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 415,047	345,000	0.02	6.75	10/1/2037
MML MANAGED BOND FD	FIXED INCOME	EATON VANCE CORP	\$ 193,012	168,000	0.01	6.5	10/2/2017
MML MANAGED BOND FD	FIXED INCOME	DELHAIZE GROUP SA	\$ 1,392,613	1,235,000	0.08	6.5	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	COMCAST CORP	\$ 694,241	515,000	0.04	6.95	8/15/2037

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	LAZARD GROUP LLC	\$ 1,552,027	1,368,000	0.09	6.85	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	AMERICAN EXPRESS CO	\$ 337,556	295,000	0.02	6.15	8/28/2017
MML MANAGED BOND FD	FIXED INCOME	AES CORP/VA	\$ 422,565	394,000	0.02	7.75	10/15/2015
MML MANAGED BOND FD	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 1,570,643	1,160,000	0.09	6.875	2/15/2038
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 1,003,584	880,000	0.06	6.45439	1/11/2043
MML MANAGED BOND FD	FIXED INCOME	RPM INTERNATIONAL INC	\$ 1,590,567	1,390,000	0.09	6.5	2/15/2018
MML MANAGED BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 848,384	750,000	0.05	5.5	3/1/2018
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 888586	\$ 350,939	331,567	0.02	2.342	10/1/2034
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL E85389	\$ 13,189	12,616	0.00	6	9/1/2016
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 725692	\$ 343,019	325,048	0.02	2.269	10/1/2033
MML MANAGED BOND FD	FIXED INCOME	WEATHERFORD BERMUDA	\$ 597,362	525,000	0.03	6	3/15/2018
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 172,023	150,000	0.01	6.15	4/1/2018
MML MANAGED BOND FD	FIXED INCOME	UBS AG STAMFORD CT	\$ 1,255,462	1,095,000	0.07	5.75	4/25/2018
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELECTRIC CO	\$ 377,962	335,000	0.02	5.25	12/6/2017
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO BANK NA	\$ 439,107	325,000	0.02	6.6	1/15/2038
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 964,764	965,000	0.05	2.64	3/15/2028
MML MANAGED BOND FD	FIXED INCOME	METLIFE CAPITAL TRUST IV	\$ 2,435,300	1,960,000	0.14	7.875	12/15/2067
MML MANAGED BOND FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 594,207	604,495	0.03	0.4	11/25/2037
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 1,168,973	1,000,000	0.07	6.625	4/1/2018
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL E85301	\$ 49,918	47,619	0.00	6.5	9/1/2016
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 193870	\$ 5,049	4,698	0.00	7.5	5/15/2017
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 203940	\$ 5,394	5,046	0.00	7.5	4/15/2017
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 775539	\$ 129,222	122,385	0.01	2.117	5/1/2034
MML MANAGED BOND FD	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 1,952,190	1,791,000	0.11	7.25	4/1/2016
MML MANAGED BOND FD	FIXED INCOME	WAL MART STORES INC	\$ 933,986	730,000	0.05	6.2	4/15/2038
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 217,709	190,000	0.01	5.625	5/1/2018
MML MANAGED BOND FD	FIXED INCOME	AAMES MORTGAGE INVESTMENT TRUS	\$ 1,244,703	1,324,252	0.07	1.877	1/25/2035
MML MANAGED BOND FD	FIXED INCOME	INGERSOLL RAND GL HLD CO	\$ 369,334	310,000	0.02	6.875	8/15/2018
MML MANAGED BOND FD	FIXED INCOME	NATIONAL RURAL UTIL COOP	\$ 208,818	155,000	0.01	10.375	11/1/2018
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 1,052,488	829,000	0.06	8.75	11/1/2018
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 1,558,417	1,400,000	0.09	5.7	6/11/2050
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 314,908	275,000	0.02	6	1/15/2018
MML MANAGED BOND FD	FIXED INCOME	CON WAY INC	\$ 1,498,406	1,285,000	0.09	7.25	1/15/2018
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91148	\$ 294,894	262,742	0.02	5.5	1/1/2028
MML MANAGED BOND FD	FIXED INCOME	SOUTHERN CAL EDISON	\$ 688,769	545,000	0.04	5.95	2/1/2038
MML MANAGED BOND FD	FIXED INCOME	TARGET CORP	\$ 663,680	475,000	0.04	7	1/15/2038
MML MANAGED BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 231,300	240,000	0.01	2.25	12/15/2038
MML MANAGED BOND FD	FIXED INCOME	UNION ELECTRIC CO	\$ 605,208	505,000	0.03	6.7	2/1/2019
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 1,808,793	1,475,000	0.10	8.875	6/15/2068
MML MANAGED BOND FD	FIXED INCOME	JOHNSON + JOHNSON	\$ 224,540	175,000	0.01	5.85	7/15/2038
MML MANAGED BOND FD	FIXED INCOME	GNMA II TBA JUL 30 4.5PCT	\$ 21,570,703	19,750,000	1.23	4.5	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 2,422,733	2,143,000	0.14	6.41825	2/10/2051
MML MANAGED BOND FD	FIXED INCOME	JABIL CIRCUIT INC	\$ 719,950	605,000	0.04	8.25	3/15/2018
MML MANAGED BOND FD	FIXED INCOME	CRH AMERICA INC	\$ 1,469,103	1,195,000	0.08	8.125	7/15/2018
MML MANAGED BOND FD	FIXED INCOME	E.I. DU PONT DE NEMOURS	\$ 134,358	115,000	0.01	6	7/15/2018
MML MANAGED BOND FD	FIXED INCOME	ROGERS COMMUNICATIONS IN	\$ 67,574	50,000	0.00	7.5	8/15/2038
MML MANAGED BOND FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 2,197,260	2,000,000	0.12	12	5/15/2015
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 1,394,251	1,230,000	0.08	5.65	5/1/2018
MML MANAGED BOND FD	FIXED INCOME	COMCAST CORP	\$ 242,155	190,000	0.01	6.4	5/15/2038
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 549,487	400,000	0.03	7.75	5/14/2038
MML MANAGED BOND FD	FIXED INCOME	DEVON ENERGY CORPORATION	\$ 305,291	260,000	0.02	6.3	1/15/2019
MML MANAGED BOND FD	FIXED INCOME	FED REPUBLIC OF BRAZIL	\$ 1,002,582	876,000	0.06	5.875	1/15/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	CONOCOPHILLIPS	\$ 637,021	475,000	0.04	6.5	2/1/2039
MML MANAGED BOND FD	FIXED INCOME	AT+T INC	\$ 563,934	455,000	0.03	6.55	2/15/2039
MML MANAGED BOND FD	FIXED INCOME	ROCHE HLDGS INC	\$ 137,454	117,000	0.01	6	3/1/2019
MML MANAGED BOND FD	FIXED INCOME	ROCHE HLDGS INC	\$ 966,668	680,000	0.05	7	3/1/2039
MML MANAGED BOND FD	FIXED INCOME	PFIZER INC	\$ 558,663	395,000	0.03	7.2	3/15/2039
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER CABLE INC	\$ 95,035	75,000	0.01	8.25	4/1/2019
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 560,676	420,000	0.03	7.35	4/1/2039
MML MANAGED BOND FD	FIXED INCOME	CALIFORNIA ST	\$ 447,552	410,000	0.03	5.95	4/1/2016
MML MANAGED BOND FD	FIXED INCOME	METLIFE INC	\$ 173,322	145,000	0.01	6.817	8/15/2018
MML MANAGED BOND FD	FIXED INCOME	REGIONS BANK	\$ 910,512	765,000	0.05	7.5	5/15/2018
MML MANAGED BOND FD	FIXED INCOME	UNITED TECHNOLOGIES CORP	\$ 449,470	350,000	0.03	6.125	7/15/2038
MML MANAGED BOND FD	FIXED INCOME	PHILIP MORRIS INTL INC	\$ 205,282	160,000	0.01	6.375	5/16/2038
MML MANAGED BOND FD	FIXED INCOME	STARWOOD HOTELS + RESORT	\$ 258,900	220,000	0.01	6.75	5/15/2018
MML MANAGED BOND FD	FIXED INCOME	TYCO ELECTRONICS GROUP S	\$ 2,054,005	1,775,000	0.12	6.55	10/1/2017
MML MANAGED BOND FD	FIXED INCOME	ALTRIA GROUP INC	\$ 146,757	112,000	0.01	9.7	11/10/2018
MML MANAGED BOND FD	FIXED INCOME	ALTRIA GROUP INC	\$ 283,193	170,000	0.02	9.95	11/10/2038
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER CABLE INC	\$ 416,804	325,000	0.02	8.75	2/14/2019
MML MANAGED BOND FD	FIXED INCOME	ENERGY TRANSFER PARTNERS	\$ 1,376,312	1,050,000	0.08	9.7	3/15/2019
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF COLOMBIA	\$ 882,688	725,000	0.05	7.375	3/18/2019
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 1,397,009	1,040,000	0.08	6.875	1/10/2039
MML MANAGED BOND FD	FIXED INCOME	AFLAC INC	\$ 367,474	285,000	0.02	8.5	5/15/2019
MML MANAGED BOND FD	FIXED INCOME	PRINCIPAL FINANCIAL GROU	\$ 374,410	290,000	0.02	8.875	5/15/2019
MML MANAGED BOND FD	FIXED INCOME	ONCOR ELECTRIC DELIVERY	\$ 71,344	60,000	0.00	6.8	9/1/2018
MML MANAGED BOND FD	FIXED INCOME	TALISMAN ENERGY	\$ 675,102	545,000	0.04	7.75	6/1/2019
MML MANAGED BOND FD	FIXED INCOME	ALLEGHENY TECHNOLOGIES	\$ 272,936	220,000	0.02	9.375	6/1/2019
MML MANAGED BOND FD	FIXED INCOME	ONCOR ELECTRIC DELIVERY	\$ 714,263	495,000	0.04	7.5	9/1/2038
MML MANAGED BOND FD	FIXED INCOME	BAE SYSTEMS HOLDINGS INC	\$ 772,590	670,000	0.04	6.375	6/1/2019
MML MANAGED BOND FD	FIXED INCOME	GNMA II TBA JUL 30 4.0PCT	\$ 94,495,633	88,275,000	5.37	4	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	WPP FINANCE (UK)	\$ 1,385,341	1,365,000	0.08	8	9/15/2014
MML MANAGED BOND FD	FIXED INCOME	DOMTAR CORP	\$ 304,994	245,000	0.02	10.75	6/1/2017
MML MANAGED BOND FD	FIXED INCOME	NEXEN ENERGY ULC	\$ 202,992	150,000	0.01	7.5	7/30/2039
MML MANAGED BOND FD	FIXED INCOME	JABIL CIRCUIT INC	\$ 1,148,219	1,015,000	0.07	7.75	7/15/2016
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 511,380	508,000	0.03	6.375	8/12/2014
MML MANAGED BOND FD	FIXED INCOME	DUKE REALTY LP	\$ 1,729,310	1,375,000	0.10	8.25	8/15/2019
MML MANAGED BOND FD	FIXED INCOME	CVS CAREMARK CORP	\$ 697,298	560,000	0.04	6.125	9/15/2039
MML MANAGED BOND FD	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 224,941	200,000	0.01	5.625	9/15/2019
MML MANAGED BOND FD	FIXED INCOME	HUTCHISON WHAM INT 09/19	\$ 833,087	725,000	0.05	5.75	9/11/2019
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 1,280,408	1,220,000	0.07	4.75	9/17/2015
MML MANAGED BOND FD	FIXED INCOME	TEXTRON INC	\$ 885,089	730,000	0.05	7.25	10/1/2019
MML MANAGED BOND FD	FIXED INCOME	TEXTRON INC	\$ 1,092,825	1,050,000	0.06	6.2	3/15/2015
MML MANAGED BOND FD	FIXED INCOME	FNMA TBA 30YR SINGLE FAMILY JU	\$ 11,273,367	10,950,000	0.64	3.5	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	VALSPAR CORP	\$ 376,508	315,000	0.02	7.25	6/15/2019
MML MANAGED BOND FD	FIXED INCOME	LINCOLN NATIONAL CORP	\$ 868,691	670,000	0.05	8.75	7/1/2019
MML MANAGED BOND FD	FIXED INCOME	MAGELLAN MIDSTREAM PARTN	\$ 665,478	560,000	0.04	6.55	7/15/2019
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER CABLE INC	\$ 1,269,474	985,000	0.07	6.75	6/15/2039
MML MANAGED BOND FD	FIXED INCOME	IBM CORP	\$ 718,811	600,000	0.04	5.6	11/30/2039
MML MANAGED BOND FD	FIXED INCOME	XEROX CORPORATION	\$ 97,575	85,000	0.01	5.625	12/15/2019
MML MANAGED BOND FD	FIXED INCOME	XEROX CORPORATION	\$ 485,938	475,000	0.03	4.25	2/15/2015
MML MANAGED BOND FD	FIXED INCOME	INCITEC PIVOT FIN LLC	\$ 725,386	640,000	0.04	6	12/10/2019
MML MANAGED BOND FD	FIXED INCOME	CALIFORNIA ST	\$ 180,398	120,000	0.01	7.55	4/1/2039
MML MANAGED BOND FD	FIXED INCOME	TAL ADVANTAGE LLC	\$ 290,332	293,333	0.02	0.343	4/20/2021
MML MANAGED BOND FD	FIXED INCOME	DOW CHEMICAL CO/THE	\$ 321,317	250,000	0.02	8.55	5/15/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL G05253	\$ 805,434	726,741	0.05	5	2/1/2039
MML MANAGED BOND FD	FIXED INCOME	ALLSTATE CORP	\$ 58,463	47,000	0.00	7.45	5/16/2019
MML MANAGED BOND FD	FIXED INCOME	CANADIAN PACIFIC RR CO	\$ 1,241,139	1,010,000	0.07	7.25	5/15/2019
MML MANAGED BOND FD	FIXED INCOME	ARCELORMITTAL	\$ 2,107,988	2,010,000	0.12	9.5	2/15/2015
MML MANAGED BOND FD	FIXED INCOME	AMERICAN EXPRESS CO	\$ 1,029,323	810,000	0.06	8.125	5/20/2019
MML MANAGED BOND FD	FIXED INCOME	FNMA TBA JUL 30YR SINGLE FAM	\$ 24,465,413	23,050,000	1.39	4	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 621,201	486,000	0.04	8.5	5/22/2019
MML MANAGED BOND FD	FIXED INCOME	ENABLE OKLAHOMA INTRASTR	\$ 1,597,826	1,595,000	0.09	6.875	7/15/2014
MML MANAGED BOND FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 1,251,685	1,265,660	0.07	0.582	5/25/2035
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF POLAND	\$ 817,650	690,000	0.05	6.375	7/15/2019
MML MANAGED BOND FD	FIXED INCOME	BEMIS COMPANY INC	\$ 1,005,117	840,000	0.06	6.8	8/1/2019
MML MANAGED BOND FD	FIXED INCOME	INTEL CORP	\$ 1,889,563	1,225,000	0.11	3.25	8/1/2039
MML MANAGED BOND FD	FIXED INCOME	GNMA II POOL 082462	\$ 1,401,668	1,327,204	0.08	3.5	1/20/2040
MML MANAGED BOND FD	FIXED INCOME	GATX CORP	\$ 326,297	315,000	0.02	4.75	5/15/2015
MML MANAGED BOND FD	FIXED INCOME	PIONEER NATURAL RESOURCE	\$ 1,295,399	1,050,000	0.07	7.5	1/15/2020
MML MANAGED BOND FD	FIXED INCOME	CNA FINANCIAL CORP	\$ 826,463	670,000	0.05	7.35	11/15/2019
MML MANAGED BOND FD	FIXED INCOME	CISCO SYSTEMS INC	\$ 401,701	345,000	0.02	5.5	1/15/2040
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 1,791,521	1,765,000	0.10	4.2	11/20/2014
MML MANAGED BOND FD	FIXED INCOME	TD AMERITRADE HOLDING CO	\$ 299,591	295,000	0.02	4.15	12/1/2014
MML MANAGED BOND FD	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 1,032,677	765,000	0.06	7.3	11/15/2039
MML MANAGED BOND FD	FIXED INCOME	CVS PASS THROUGH TRUST	\$ 11,311	9,060	0.00	7.507	1/10/2032
MML MANAGED BOND FD	FIXED INCOME	BLACKROCK INC	\$ 662,024	580,000	0.04	5	12/10/2019
MML MANAGED BOND FD	FIXED INCOME	BOSTON SCIENTIFIC CORP	\$ 755,627	650,000	0.04	6	1/15/2020
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 133,309	115,000	0.01	5.5	1/8/2020
MML MANAGED BOND FD	FIXED INCOME	CREDIT SUISSE NEW YORK	\$ 1,584,420	1,410,000	0.09	5.4	1/14/2020
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 626,397	615,000	0.04	3.875	1/14/2015
MML MANAGED BOND FD	FIXED INCOME	UNITED MEXICAN STATES	\$ 963,050	850,000	0.05	5.125	1/15/2020
MML MANAGED BOND FD	FIXED INCOME	SIMON PROPERTY GROUP LP	\$ 163,560	140,000	0.01	5.65	2/1/2020
MML MANAGED BOND FD	FIXED INCOME	NEWFIELD EXPLORATION CO	\$ 1,272,000	1,200,000	0.07	6.875	2/1/2020
MML MANAGED BOND FD	FIXED INCOME	AMERICAN TOWER CORP	\$ 2,780,970	2,700,000	0.16	4.625	4/1/2015
MML MANAGED BOND FD	FIXED INCOME	BARCLAYS BANK PLC	\$ 217,390	200,000	0.01	5	9/22/2016
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 274,912	271,000	0.02	5.5	10/15/2014
MML MANAGED BOND FD	FIXED INCOME	WILLIS NORTH AMERICA INC	\$ 664,243	566,000	0.04	7	9/29/2019
MML MANAGED BOND FD	FIXED INCOME	DDR CORP	\$ 1,430,271	1,250,000	0.08	9.625	3/15/2016
MML MANAGED BOND FD	FIXED INCOME	FED REPUBLIC OF BRAZIL	\$ 1,413,625	1,315,000	0.08	5.625	1/7/2041
MML MANAGED BOND FD	FIXED INCOME	RPM INTERNATIONAL INC	\$ 633,130	550,000	0.04	6.125	10/15/2019
MML MANAGED BOND FD	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 372,034	335,000	0.02	6.875	11/10/2039
MML MANAGED BOND FD	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 1,540,904	1,305,000	0.09	6.45	11/15/2019
MML MANAGED BOND FD	FIXED INCOME	VIRGIN MEDIA FINANCE PLC	\$ 3,569,063	3,375,000	0.20	8.375	10/15/2019
MML MANAGED BOND FD	FIXED INCOME	CA INC	\$ 1,720,086	1,530,000	0.10	5.375	12/1/2019
MML MANAGED BOND FD	FIXED INCOME	CIGNA CORP	\$ 508,848	450,000	0.03	5.125	6/15/2020
MML MANAGED BOND FD	FIXED INCOME	L 3 COMMUNICATIONS CORP	\$ 109,540	100,000	0.01	4.75	7/15/2020
MML MANAGED BOND FD	FIXED INCOME	LAKE COUNTRY MORTGAGE LOAN TRU	\$ 647,851	657,774	0.04	0.932	12/25/2032
MML MANAGED BOND FD	FIXED INCOME	INTL GAME TECHNOLOGY	\$ 584,634	550,000	0.03	5.5	6/15/2020
MML MANAGED BOND FD	FIXED INCOME	LINCOLN NATIONAL CORP	\$ 439,208	425,000	0.02	4.3	6/15/2015
MML MANAGED BOND FD	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 1,260,000	1,500,000	0.07	1.652	1/25/2047
MML MANAGED BOND FD	FIXED INCOME	CENOVUS ENERGY INC	\$ 626,216	540,000	0.04	5.7	10/15/2019
MML MANAGED BOND FD	FIXED INCOME	CENOVUS ENERGY INC	\$ 708,570	545,000	0.04	6.75	11/15/2039
MML MANAGED BOND FD	FIXED INCOME	WILLIAMS PARTNERS LP	\$ 1,596,123	1,415,000	0.09	5.25	3/15/2020
MML MANAGED BOND FD	FIXED INCOME	LAFARGE SA	\$ 2,828,250	2,700,000	0.16	6.2	7/9/2015
MML MANAGED BOND FD	FIXED INCOME	MEAD JOHNSON NUTRITION C	\$ 1,122,260	1,010,000	0.06	4.9	11/1/2019
MML MANAGED BOND FD	FIXED INCOME	MEAD JOHNSON NUTRITION C	\$ 705,022	590,000	0.04	5.9	11/1/2039

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	BAKER HUGHES INC	\$ 909,967	800,000	0.05	5.125	9/15/2040
MML MANAGED BOND FD	FIXED INCOME	ROWAN COMPANIES INC	\$ 1,144,269	1,055,000	0.06	5	9/1/2017
MML MANAGED BOND FD	FIXED INCOME	AMERICA MOVIL SAB DE CV	\$ 618,356	525,000	0.04	6.125	3/30/2040
MML MANAGED BOND FD	FIXED INCOME	AMERICA MOVIL SAB DE CV	\$ 554,335	500,000	0.03	5	3/30/2020
MML MANAGED BOND FD	FIXED INCOME	MEDCO HEALTH SOLUTIONS	\$ 1,924,951	1,880,000	0.11	2.75	9/15/2015
MML MANAGED BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 880,246	865,000	0.05	2.125	9/13/2015
MML MANAGED BOND FD	FIXED INCOME	HARSCO CORP	\$ 6,773,756	6,715,000	0.38	2.7	10/15/2015
MML MANAGED BOND FD	FIXED INCOME	SVB FINANCIAL GROUP	\$ 537,544	475,000	0.03	5.375	9/15/2020
MML MANAGED BOND FD	FIXED INCOME	ASCIANO FINANCE	\$ 651,237	610,000	0.04	4.625	9/23/2020
MML MANAGED BOND FD	FIXED INCOME	TRANSOCEAN INC	\$ 2,635,905	2,500,000	0.15	4.95	11/15/2015
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER INC	\$ 762,990	650,000	0.04	6.1	7/15/2040
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER INC	\$ 719,744	650,000	0.04	4.7	1/15/2021
MML MANAGED BOND FD	FIXED INCOME	GLOBO COMMUNICACOES PART	\$ 2,040,188	1,950,000	0.12	9.375	7/29/2049
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 983,906	950,000	0.06	4	7/24/2015
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC SERVICES INC	\$ 113,946	100,000	0.01	5.25	11/15/2021
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 1,260,534	1,100,000	0.07	5.375	8/9/2020
MML MANAGED BOND FD	FIXED INCOME	ARCELORMITTAL	\$ 1,290,000	1,200,000	0.07	5.75	8/5/2020
MML MANAGED BOND FD	FIXED INCOME	PROLOGIS LP	\$ 823,051	760,000	0.05	4.5	8/15/2017
MML MANAGED BOND FD	FIXED INCOME	ANADARKO PETROLEUM CORP	\$ 2,302,680	2,000,000	0.13	6.375	9/15/2017
MML MANAGED BOND FD	FIXED INCOME	DDR CORP	\$ 1,265,361	1,000,000	0.07	7.875	9/1/2020
MML MANAGED BOND FD	EQUITY	FORWARDS MORGAN STANLEY BOC	\$ (670,000)	(670,000)	0.04	0	
MML MANAGED BOND FD	FIXED INCOME	MICROSOFT CORP	\$ 355,074	340,000	0.02	3	10/1/2020
MML MANAGED BOND FD	FIXED INCOME	PETROLEOS MEXICANOS	\$ 1,335,775	1,190,000	0.08	5.5	1/21/2021
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO COMMERCIAL MORTGAG	\$ 355,862	339,946	0.02	3.349	11/15/2043
MML MANAGED BOND FD	FIXED INCOME	BOSTON PROPERTIES LP	\$ 615,821	580,000	0.03	4.125	5/15/2021
MML MANAGED BOND FD	FIXED INCOME	NEW YORK CITY NY MUNI WTR FIN	\$ 134,750	105,000	0.01	5.882	6/15/2044
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 438,159	350,000	0.02	6.2	11/15/2040
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 523,553	475,000	0.03	4.5	11/15/2020
MML MANAGED BOND FD	FIXED INCOME	EL PASO PIPELINE PART OP	\$ 2,080,626	2,000,000	0.12	4.1	11/15/2015
MML MANAGED BOND FD	FIXED INCOME	GATX CORP	\$ 916,724	875,000	0.05	3.5	7/15/2016
MML MANAGED BOND FD	FIXED INCOME	SHELL INTERNATIONAL FIN	\$ 389,331	325,000	0.02	5.5	3/25/2040
MML MANAGED BOND FD	FIXED INCOME	21ST CENTURY FOX AMERICA	\$ 549,396	420,000	0.03	6.9	8/15/2039
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO + COMPANY	\$ 1,138,677	1,110,000	0.06	3.625	4/15/2015
MML MANAGED BOND FD	FIXED INCOME	LEAR CORP	\$ 1,428,184	1,327,000	0.08	8.125	3/15/2020
MML MANAGED BOND FD	FIXED INCOME	NOMURA HOME EQUITY LOAN INC	\$ 59,850	60,185	0.00	0.622	5/25/2035
MML MANAGED BOND FD	FIXED INCOME	FED REPUBLIC OF BRAZIL	\$ 463,250	425,000	0.03	4.875	1/22/2021
MML MANAGED BOND FD	FIXED INCOME	MYLAN INC	\$ 3,182,220	2,875,000	0.18	7.875	7/15/2020
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 1,648,070	1,590,000	0.09	4.75	5/19/2015
MML MANAGED BOND FD	FIXED INCOME	ENTERPRISE PRODUCTS OPER	\$ 541,586	455,000	0.03	5.95	2/1/2041
MML MANAGED BOND FD	FIXED INCOME	ENTERPRISE PRODUCTS OPER	\$ 467,474	450,000	0.03	3.2	2/1/2016
MML MANAGED BOND FD	FIXED INCOME	O REILLY AUTOMOTIVE INC	\$ 628,875	575,000	0.04	4.875	1/14/2021
MML MANAGED BOND FD	EQUITY	FORWARDS BARCLAYS BANK BOC	\$ (110,000)	(110,000)	0.01	0	
MML MANAGED BOND FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 388,004	392,352	0.02	0.422	8/25/2035
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 726,016	625,000	0.04	5.75	1/25/2021
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 437,750	425,000	0.02	6.75	1/27/2041
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 1,648,649	1,599,000	0.09	3.875	1/27/2016
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 1,047,441	1,005,000	0.06	5.375	1/27/2021
MML MANAGED BOND FD	FIXED INCOME	ONEOK PARTNERS LP	\$ 519,617	440,000	0.03	6.125	2/1/2041
MML MANAGED BOND FD	FIXED INCOME	VALERO ENERGY CORP	\$ 945,376	800,000	0.05	6.125	2/1/2020
MML MANAGED BOND FD	FIXED INCOME	MONDELEZ INTERNATIONAL	\$ 332,937	260,000	0.02	6.5	2/9/2040
MML MANAGED BOND FD	FIXED INCOME	MONDELEZ INTERNATIONAL	\$ 1,156,729	1,100,000	0.07	4.125	2/9/2016
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 1,076,138	950,000	0.06	5.375	3/15/2020

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 720,880	700,000	0.04	4.5	4/1/2015
MML MANAGED BOND FD	FIXED INCOME	GRUPO TELEVISIA SAB	\$ 133,084	109,000	0.01	6.625	1/15/2040
MML MANAGED BOND FD	FIXED INCOME	DDR CORP	\$ 1,153,919	1,000,000	0.07	7.5	4/1/2017
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 1,863,611	1,655,000	0.11	4.95	3/25/2020
MML MANAGED BOND FD	FIXED INCOME	ONEOK PARTNERS LP	\$ 467,537	450,000	0.03	3.25	2/1/2016
MML MANAGED BOND FD	FIXED INCOME	STRUCTURED ASSET INVESTMENT LO	\$ 480,683	485,012	0.03	0.512	8/25/2035
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 396,065	380,000	0.02	3.625	2/7/2016
MML MANAGED BOND FD	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 539,348	475,000	0.03	5.462	2/16/2021
MML MANAGED BOND FD	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 1,256,398	1,200,000	0.07	3.992	2/16/2016
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 2,050,517	1,965,000	0.12	3.45	3/1/2016
MML MANAGED BOND FD	FIXED INCOME	CAJUN GLOBAL LLC	\$ 1,261,610	1,218,170	0.07	5.955	2/20/2041
MML MANAGED BOND FD	FIXED INCOME	ILLINOIS ST	\$ 2,407,658	2,200,000	0.14	5.365	3/1/2017
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 668,467	600,000	0.04	4.75	3/1/2021
MML MANAGED BOND FD	FIXED INCOME	GSAMP TRUST	\$ 399,018	426,099	0.02	0.582	4/25/2035
MML MANAGED BOND FD	FIXED INCOME	JUNIPER NETWORKS INC	\$ 776,374	700,000	0.04	5.95	3/15/2041
MML MANAGED BOND FD	FIXED INCOME	JUNIPER NETWORKS INC	\$ 484,299	450,000	0.03	4.6	3/15/2021
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 371146	\$ 1,161	1,018	0.00	7	9/15/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 532819	\$ 268	221	0.00	8	3/1/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 497120	\$ 464	389	0.00	7.5	8/1/2029
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 534703	\$ 4,039	3,345	0.00	8	5/1/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 529453	\$ 3,784	3,166	0.00	7.5	1/1/2030
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 500928	\$ 7,589	6,469	0.00	7	5/15/2029
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 252926	\$ 573	475	0.00	8	12/1/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 352022	\$ 16,870	14,737	0.00	7	11/15/2023
MML MANAGED BOND FD	FIXED INCOME	FIRST HORIZON NATIONAL	\$ 10,441,098	9,870,000	0.59	5.375	12/15/2015
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 508655	\$ 200	169	0.00	7	7/15/2029
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 145,740	145,709	0.01	5.468	6/11/2041
MML MANAGED BOND FD	FIXED INCOME	INDYMAC INDX MORTGAGE LOAN TRU	\$ 70,250	82,256	0.00	2.355341	8/25/2034
MML MANAGED BOND FD	FIXED INCOME	BANC OF AMERICA MORTGAGE SECUR	\$ 115,267	117,985	0.01	2.843077	8/25/2034
MML MANAGED BOND FD	FIXED INCOME	VENDEE MORTGAGE TRUST	\$ 134,154	119,470	0.01	7.75	5/15/2022
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 505558	\$ 2,037	1,726	0.00	7	9/15/2029
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 536386	\$ 670	561	0.00	7.5	4/1/2030
MML MANAGED BOND FD	FIXED INCOME	FREDDIE MAC	\$ 134,076	117,213	0.01	7	8/15/2029
MML MANAGED BOND FD	FIXED INCOME	NEW CENTURY HOME EQUITY LOAN T	\$ 176	168	0.00	6.79899	10/25/2028
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 478658	\$ 3,162	2,678	0.00	7	5/15/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 491089	\$ 40,394	34,400	0.00	7	12/15/2028
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 602008	\$ 13,159	10,867	0.00	8	8/1/2031
MML MANAGED BOND FD	FIXED INCOME	PANHANDEL PLAINS STUDENT FIN	\$ 1,820,945	1,900,000	0.10	1.499	12/1/2031
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 581417	\$ 36,737	30,952	0.00	7	7/15/2032
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 242,692	250,000	0.01	2.652	6/17/2030
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL G11431	\$ 10,963	10,413	0.00	6	2/1/2018
MML MANAGED BOND FD	FIXED INCOME	STRUCTURED ADJUSTABLE RATE MOR	\$ 56,274	56,225	0.00	2.56786	3/25/2034
MML MANAGED BOND FD	FIXED INCOME	PROCTER + GAMBLE CO/THE	\$ 219,085	175,000	0.01	5.8	8/15/2034
MML MANAGED BOND FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 24,630	24,684	0.00	0.432	8/25/2045
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY MORTGAGE LOAN T	\$ 266	264	0.00	2.37502	2/25/2034
MML MANAGED BOND FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 33,032	34,003	0.00	2.7455	6/25/2032
MML MANAGED BOND FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 510,001	504,254	0.03	0.952	4/25/2046
MML MANAGED BOND FD	FIXED INCOME	STRUCTURED RECEIVABLES FINANCE	\$ 443,222	423,955	0.03	3.73	8/15/2036
MML MANAGED BOND FD	FIXED INCOME	CALIFORNIA ST	\$ 4,777,572	3,160,000	0.27	7.6	11/1/2040
MML MANAGED BOND FD	FIXED INCOME	WYNN LAS VEGAS LLC/CORP	\$ 2,616,000	2,400,000	0.15	7.75	8/15/2020
MML MANAGED BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 1,046,965	1,025,000	0.06	2.2	12/1/2015
MML MANAGED BOND FD	FIXED INCOME	INCITEC PIVOT LTD	\$ 2,469,225	2,377,000	0.14	4	12/7/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	AMERICAN TOWER CORP	\$ 1,498,189	1,375,000	0.09	4.5	1/15/2018
MML MANAGED BOND FD	FIXED INCOME	KINDER MORGAN FIN CO LLC	\$ 2,949,750	2,700,000	0.17	6	1/15/2018
MML MANAGED BOND FD	FIXED INCOME	CHURCH + DWIGHT CO INC	\$ 674,617	650,000	0.04	3.35	12/15/2015
MML MANAGED BOND FD	FIXED INCOME	TIMKEN CO	\$ 2,182,116	2,160,000	0.12	6	9/15/2014
MML MANAGED BOND FD	FIXED INCOME	CENTURYLINK INC	\$ 610,400	560,000	0.03	6.15	9/15/2019
MML MANAGED BOND FD	FIXED INCOME	NEWMONT MINING CORP	\$ 1,059,071	960,000	0.06	5.125	10/1/2019
MML MANAGED BOND FD	FIXED INCOME	CABOT CORP	\$ 2,393,088	2,215,000	0.14	5	10/1/2016
MML MANAGED BOND FD	FIXED INCOME	ARROW ELECTRONICS INC	\$ 812,179	725,000	0.05	6	4/1/2020
MML MANAGED BOND FD	FIXED INCOME	VOLVO TREASURY AB	\$ 2,803,451	2,700,000	0.16	5.95	4/1/2015
MML MANAGED BOND FD	FIXED INCOME	REGIONS FINANCIAL CORP	\$ 578,089	564,000	0.03	7.75	11/10/2014
MML MANAGED BOND FD	FIXED INCOME	ICICI BANK LTD/BAHRAIN	\$ 2,639,259	2,570,000	0.15	5.5	3/25/2015
MML MANAGED BOND FD	FIXED INCOME	MOTIVA ENTERPRISES LLC	\$ 932,001	820,000	0.05	5.75	1/15/2020
MML MANAGED BOND FD	FIXED INCOME	MOTIVA ENTERPRISES LLC	\$ 859,605	655,000	0.05	6.85	1/15/2040
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91074	\$ 14,403	12,850	0.00	5.5	8/1/2027
MML MANAGED BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 1,702,686	1,525,000	0.10	6.140047	2/15/2051
MML MANAGED BOND FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 874,411	889,748	0.05	0.482	11/25/2035
MML MANAGED BOND FD	FIXED INCOME	DOMTAR CORP	\$ 183,570	160,000	0.01	9.5	8/1/2016
MML MANAGED BOND FD	FIXED INCOME	BNC MORTGAGE LOAN TRUST	\$ 400,186	402,133	0.02	0.212	3/25/2037
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL 554904	\$ 65	60	0.00	9	3/1/2017
MML MANAGED BOND FD	FIXED INCOME	WASTE MANAGEMENT INC	\$ 103,895	90,000	0.01	6.1	3/15/2018
MML MANAGED BOND FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 180,657	181,159	0.01	0.402	1/25/2036
MML MANAGED BOND FD	FIXED INCOME	WYETH LLC	\$ 451,460	360,000	0.03	6	2/15/2036
MML MANAGED BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 1,048,982	1,075,000	0.06	1.651	6/15/2043
MML MANAGED BOND FD	FIXED INCOME	AEGIS ASSET BACKED SECURITIES	\$ 489,955	501,997	0.03	0.572	6/25/2035
MML MANAGED BOND FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 1,122,126	1,241,466	0.06	0.4826	6/25/2041
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 2,081,512	2,400,000	0.12	0.37875	1/25/2028
MML MANAGED BOND FD	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 2,031,561	1,870,000	0.12	6.2	11/15/2016
MML MANAGED BOND FD	FIXED INCOME	BURLINGTN NORTH SANTA FE	\$ 898,510	720,000	0.05	6.15	5/1/2037
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91026	\$ 155,868	139,112	0.01	5.5	4/1/2027
MML MANAGED BOND FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 305,973	325,000	0.02	1.041	3/22/2032
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 577,890	490,000	0.03	5.875	5/29/2037
MML MANAGED BOND FD	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 6,660	6,000	0.00	6	12/1/2016
MML MANAGED BOND FD	FIXED INCOME	WAMU MORTGAGE PASS THROUGH CER	\$ 131,005	127,755	0.01	1.522693	4/25/2044
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL E85032	\$ 4,469	4,279	0.00	6.5	9/1/2016
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL E85409	\$ 29,032	27,792	0.00	6.5	9/1/2016
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 523499	\$ 624	533	0.00	8	11/1/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 488634	\$ 3,402	2,890	0.00	7	5/15/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 499410	\$ 1,825	1,544	0.00	7	7/15/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 516706	\$ 214	191	0.00	7	8/15/2029
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 192796	\$ 678	630	0.00	7.5	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 226163	\$ 8,437	7,825	0.00	7.5	7/15/2017
MML MANAGED BOND FD	FIXED INCOME	TYCO ELECTRONICS GROUP S	\$ 439,970	335,000	0.02	7.125	10/1/2037
MML MANAGED BOND FD	FIXED INCOME	HARTFORD FINL SVCS GRP	\$ 1,637,763	1,385,000	0.09	8.125	6/15/2068
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 510083	\$ 3,299	2,806	0.00	7	7/15/2029
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 537033	\$ 5,828	4,810	0.00	8	4/1/2030
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91217	\$ 45,939	40,950	0.00	5.5	11/1/2028
MML MANAGED BOND FD	FIXED INCOME	DCP MIDSTREAM LLC	\$ 45,128	35,000	0.00	9.75	3/15/2019
MML MANAGED BOND FD	FIXED INCOME	AVON PRODUCTS INC	\$ 885,178	790,000	0.05	6.5	3/1/2019
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91239	\$ 23,947	21,960	0.00	4.5	3/1/2029
MML MANAGED BOND FD	FIXED INCOME	CONAGRA FOODS INC	\$ 559,055	465,000	0.03	7	4/15/2019
MML MANAGED BOND FD	FIXED INCOME	OWENS CORNING	\$ 741,885	590,000	0.04	9	6/15/2019
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91251	\$ 166,818	152,978	0.01	4.5	6/1/2029

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	MERCK SHARP + DOHME CORP	\$ 221,851	180,000	0.01	5.85	6/30/2039
MML MANAGED BOND FD	FIXED INCOME	CYTEC INDUSTRIES INC	\$ 302,195	250,000	0.02	8.95	7/1/2017
MML MANAGED BOND FD	FIXED INCOME	MACK CALI REALTY LP	\$ 613,295	515,000	0.03	7.75	8/15/2019
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91176	\$ 104,468	93,174	0.01	5.5	5/1/2028
MML MANAGED BOND FD	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 264,826	200,000	0.02	9.375	5/15/2019
MML MANAGED BOND FD	FIXED INCOME	FREMONT HOME LOAN TRUST	\$ 471,898	487,389	0.03	0.392	1/25/2036
MML MANAGED BOND FD	FIXED INCOME	QWEST CORP	\$ 3,347,698	2,960,000	0.19	8.375	5/1/2016
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 669,545	687,640	0.04	0.602	8/25/2035
MML MANAGED BOND FD	FIXED INCOME	NOVA CHEMICALS CORP	\$ 1,148,100	1,075,000	0.07	8.625	11/1/2019
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 1,484,353	1,335,000	0.08	5.65	12/10/2049
MML MANAGED BOND FD	FIXED INCOME	DDR CORP	\$ 1,088,330	1,000,000	0.06	4.75	4/15/2018
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 966,163	925,000	0.05	3.625	3/17/2016
MML MANAGED BOND FD	FIXED INCOME	WILLIS GROUP HOLDING PLC	\$ 475,748	455,000	0.03	4.125	3/15/2016
MML MANAGED BOND FD	FIXED INCOME	ASSOC BANC CORP	\$ 1,491,155	1,400,000	0.08	5.125	3/28/2016
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO + COMPANY	\$ 233,677	210,000	0.01	4.6	4/1/2021
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 530299	\$ 609	514	0.00	7.5	3/1/2030
MML MANAGED BOND FD	FIXED INCOME	GNMA II POOL 008746	\$ 8,739	8,518	0.00	1.625	11/20/2025
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 253481	\$ 227	188	0.00	8	10/1/2030
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C01079	\$ 4,212	3,523	0.00	7.5	10/1/2030
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C01135	\$ 12,314	10,309	0.00	7.5	2/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 575667	\$ 16,844	14,424	0.00	7	3/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 535996	\$ 17,680	14,811	0.00	7.5	6/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 253880	\$ 18,327	17,573	0.00	6.5	7/1/2016
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 190317	\$ 8,502	7,042	0.00	8	8/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 597220	\$ 9,050	7,453	0.00	8	9/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 596656	\$ 4,022	3,513	0.00	8	8/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 587994	\$ 5,720	5,501	0.00	6	6/1/2016
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 591581	\$ 19,204	16,152	0.00	7	8/15/2032
MML MANAGED BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 5,338	5,303	0.00	2.533814	7/25/2033
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 200,000	200,000	0.01	0.302	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 106,790	107,392	0.01	0.562	12/25/2033
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 28,201	28,599	0.00	2.65873	2/25/2034
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 629,956	600,000	0.04	3.8	4/29/2016
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC SERVICES INC	\$ 637,441	595,000	0.04	3.8	5/15/2018
MML MANAGED BOND FD	FIXED INCOME	SONIC CAPITAL LLC	\$ 1,784,840	1,671,950	0.10	5.438	5/20/2041
MML MANAGED BOND FD	FIXED INCOME	FNMA TBA JUL 15 SINGLE FAMILY	\$ 20,373,994	19,225,000	1.16	3.5	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	QBE CAP FUNDING III LTD	\$ 1,406,138	1,305,000	0.08	7.25	5/24/2041
MML MANAGED BOND FD	FIXED INCOME	NORFOLK SOUTHERN CORP	\$ 446,729	375,000	0.03	6	5/23/2111
MML MANAGED BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 1,077,560	1,100,000	0.06	1.652	6/15/2043
MML MANAGED BOND FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 5,079,868	4,742,000	0.29	5.75	5/15/2016
MML MANAGED BOND FD	FIXED INCOME	ICICI BANK LTD/DUBAI	\$ 1,343,735	1,276,000	0.08	4.75	11/25/2016
MML MANAGED BOND FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 37,053	37,051	0.00	2.06	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	GNMA TBA 30YR	\$ 27,009,943	25,975,000	1.53	3.5	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 1,345,442	1,220,000	0.08	5	6/1/2021
MML MANAGED BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 467,422	450,000	0.03	3.3412	7/15/2046
MML MANAGED BOND FD	FIXED INCOME	HFG HEALTHCO 4 LLC	\$ 1,446,926	1,425,000	0.08	2.4009	6/2/2017
MML MANAGED BOND FD	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 780,068	750,000	0.04	3.24	3/15/2044
MML MANAGED BOND FD	FIXED INCOME	APPLIED MATERIALS INC	\$ 1,168,783	1,000,000	0.07	5.85	6/15/2041
MML MANAGED BOND FD	FIXED INCOME	HOME DEPOT INC	\$ 751,966	600,000	0.04	5.95	4/1/2041
MML MANAGED BOND FD	FIXED INCOME	PUGET ENERGY INC	\$ 1,904,815	1,580,000	0.11	6.5	12/15/2020
MML MANAGED BOND FD	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 991,499	950,000	0.06	3.386	7/10/2044
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY REREMIC TRUST	\$ 77,846	77,555	0.00	2.5	3/23/2051

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	DEVON ENERGY CORPORATION	\$ 810,218	700,000	0.05	5.6	7/15/2041
MML MANAGED BOND FD	FIXED INCOME	MARSH + MCLENNAN COS INC	\$ 944,070	850,000	0.05	4.8	7/15/2021
MML MANAGED BOND FD	FIXED INCOME	CAPITAL ONE FINANCIAL CO	\$ 550,375	550,000	0.03	2.125	7/15/2014
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 1,319,415	1,125,000	0.07	5.6	7/15/2041
MML MANAGED BOND FD	FIXED INCOME	RENTAL CAR FINANCE CORP	\$ 815,596	810,000	0.05	2.51	2/25/2016
MML MANAGED BOND FD	FIXED INCOME	NBCUNIVERSAL MEDIA LLC	\$ 83,333	65,000	0.00	6.4	4/30/2040
MML MANAGED BOND FD	FIXED INCOME	CENTERPOINT ENERGY RESOU	\$ 521,831	475,000	0.03	4.5	1/15/2021
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA0625	\$ 270,689	258,183	0.02	3.5	1/1/2031
MML MANAGED BOND FD	FIXED INCOME	STEELCASE INC	\$ 114,953	100,000	0.01	6.375	2/15/2021
MML MANAGED BOND FD	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 674,137	650,000	0.04	3.791	2/15/2044
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 662,782	550,000	0.04	6	3/1/2041
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 852,430	865,891	0.05	0.662	10/25/2035
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91344	\$ 339,031	323,368	0.02	3.5	11/1/2030
MML MANAGED BOND FD	FIXED INCOME	CMS ENERGY CORP	\$ 1,382,465	1,250,000	0.08	5.05	2/15/2018
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA0629	\$ 54,134	51,066	0.00	3.5	1/1/2021
MML MANAGED BOND FD	FIXED INCOME	EXPORT IMPORT BK KOREA	\$ 693,902	650,000	0.04	4	1/11/2017
MML MANAGED BOND FD	FIXED INCOME	PERNOD RICARD SA	\$ 1,455,899	1,400,000	0.08	2.95	1/15/2017
MML MANAGED BOND FD	FIXED INCOME	SABMILLER HOLDINGS INC	\$ 5,035,165	5,000,000	0.29	1.85	1/15/2015
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 1,040,952	950,000	0.06	4.5	1/24/2022
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 1,099,325	950,000	0.06	5.75	1/24/2022
MML MANAGED BOND FD	FIXED INCOME	CITIGROUP INC	\$ 568,253	475,000	0.03	5.875	1/30/2042
MML MANAGED BOND FD	FIXED INCOME	AMPHENOL CORP	\$ 489,124	475,000	0.03	4	2/1/2022
MML MANAGED BOND FD	FIXED INCOME	GS MORTGAGE SECURITIES TRUST	\$ 543,759	488,000	0.03	4.948	1/10/2045
MML MANAGED BOND FD	FIXED INCOME	VENTAS REALTY LP/CAP CRP	\$ 504,580	475,000	0.03	4.25	3/1/2022
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 558,167	470,000	0.03	5.875	2/7/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AA3980	\$ 217,711	198,795	0.01	4.5	4/1/2028
MML MANAGED BOND FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 114,452	114,206	0.01	1.96	11/15/2017
MML MANAGED BOND FD	FIXED INCOME	METHANEX CORP	\$ 386,967	350,000	0.02	5.25	3/1/2022
MML MANAGED BOND FD	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 363,537	350,000	0.02	2.95	3/1/2017
MML MANAGED BOND FD	FIXED INCOME	BRAMBLES USA INC	\$ 1,031,544	1,010,000	0.06	3.95	4/1/2015
MML MANAGED BOND FD	FIXED INCOME	GENERAL MILLS INC	\$ 78,837	70,000	0.00	5.4	6/15/2040
MML MANAGED BOND FD	FIXED INCOME	BAYVIEW FINANCIAL ACQUISITION	\$ 1,260,503	1,340,000	0.07	0.6495	6/28/2044
MML MANAGED BOND FD	FIXED INCOME	UNION PACIFIC CORP	\$ 545,033	500,000	0.03	4	2/1/2021
MML MANAGED BOND FD	FIXED INCOME	ARCELORMITTAL	\$ 3,951,063	3,850,000	0.22	4.25	8/5/2015
MML MANAGED BOND FD	FIXED INCOME	CHOICE HOTELS INTL INC	\$ 1,183,875	1,100,000	0.07	5.7	8/28/2020
MML MANAGED BOND FD	FIXED INCOME	ASCIANO FINANCE	\$ 944,023	925,000	0.05	3.125	9/23/2015
MML MANAGED BOND FD	FIXED INCOME	BROCADE COMMUNICATIONS	\$ 84,400	80,000	0.00	6.875	1/15/2020
MML MANAGED BOND FD	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 353,076	378,000	0.02	0.52645	7/15/2036
MML MANAGED BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 654,737	664,608	0.04	0.622	12/25/2035
MML MANAGED BOND FD	FIXED INCOME	CENTERPOINT ENERGY RESOU	\$ 519,409	425,000	0.03	5.85	1/15/2041
MML MANAGED BOND FD	FIXED INCOME	TIME WARNER INC	\$ 252,704	210,000	0.01	6.25	3/29/2041
MML MANAGED BOND FD	FIXED INCOME	BRANDYWINE OPER PARTNERS	\$ 871,273	800,000	0.05	4.95	4/15/2018
MML MANAGED BOND FD	FIXED INCOME	ASCIANO FINANCE	\$ 1,252,204	1,150,000	0.07	5	4/7/2018
MML MANAGED BOND FD	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 392,522	405,000	0.02	2.75	2/15/2023
MML MANAGED BOND FD	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 327,883	350,000	0.02	3.95	10/15/2042
MML MANAGED BOND FD	FIXED INCOME	RPM INTERNATIONAL INC	\$ 1,385,904	1,425,000	0.08	3.45	11/15/2022
MML MANAGED BOND FD	FIXED INCOME	ORACLE CORP	\$ 1,423,093	1,425,000	0.08	1.2	10/15/2017
MML MANAGED BOND FD	FIXED INCOME	GLENORE FINANCE CANADA	\$ 1,238,877	1,225,000	0.07	2.05	10/23/2015
MML MANAGED BOND FD	FIXED INCOME	RACE POINT CLO LTD	\$ 1,201,129	1,200,000	0.07	1.65685	11/8/2024
MML MANAGED BOND FD	FIXED INCOME	KENAMETAL INC	\$ 798,813	800,000	0.05	2.65	11/1/2019
MML MANAGED BOND FD	FIXED INCOME	TRAFIGURA SECURITISATION FINAN	\$ 2,159,318	2,137,000	0.12	2.55175	10/15/2015
MML MANAGED BOND FD	FIXED INCOME	ROWAN COMPANIES INC	\$ 1,981,642	1,850,000	0.11	4.875	6/1/2022

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	GNMA TBA JULY SINGLE FAMILY	\$ 13,550,875	13,450,000	0.77	3	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	FNMA TBA	\$ 53,567,668	54,220,000	3.04	3	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	GNMA II SINGLE FAMILY TBA	\$ 23,543,672	23,325,000	1.34	3	12/1/2099
MML MANAGED BOND FD	FIXED INCOME	GATX CORP	\$ 997,562	925,000	0.06	4.75	6/15/2022
MML MANAGED BOND FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 1,304,063	1,250,000	0.07	3	6/12/2017
MML MANAGED BOND FD	FIXED INCOME	GEORGIA POWER COMPANY	\$ 474,522	473,000	0.03	4.3	3/15/2042
MML MANAGED BOND FD	FIXED INCOME	UNITED MEXICAN STATES	\$ 1,994,100	1,955,000	0.11	4.75	3/8/2044
MML MANAGED BOND FD	FIXED INCOME	DOMINOS PIZZA MASTER ISSUER LL	\$ 3,109,558	2,879,425	0.18	5.216	1/25/2042
MML MANAGED BOND FD	FIXED INCOME	BERKLEY (WR) CORPORATION	\$ 2,792,925	2,600,000	0.16	4.625	3/15/2022
MML MANAGED BOND FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 280,575	275,797	0.02	2.84	11/20/2028
MML MANAGED BOND FD	FIXED INCOME	WEATHERFORD BERMUDA	\$ 538,693	475,000	0.03	5.95	4/15/2042
MML MANAGED BOND FD	FIXED INCOME	WEATHERFORD BERMUDA	\$ 691,116	650,000	0.04	4.5	4/15/2022
MML MANAGED BOND FD	FIXED INCOME	HARTFORD FINL SVCS GRP	\$ 242,789	225,000	0.01	4	10/15/2017
MML MANAGED BOND FD	FIXED INCOME	KAISER FOUNDATION HOSPIT	\$ 378,387	375,000	0.02	3.5	4/1/2022
MML MANAGED BOND FD	FIXED INCOME	GLOBO COMMUNICACOES PART	\$ 1,365,000	1,300,000	0.08	4.875	4/11/2022
MML MANAGED BOND FD	FIXED INCOME	VENTAS REALTY LP/CAP CRP	\$ 1,423,556	1,325,000	0.08	4	4/30/2019
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 919,989	900,000	0.05	3.3	5/3/2015
MML MANAGED BOND FD	FIXED INCOME	ERICSSON LM	\$ 727,586	700,000	0.04	4.125	5/15/2022
MML MANAGED BOND FD	FIXED INCOME	WPP FINANCE 2010	\$ 837,252	763,000	0.05	4.75	11/21/2021
MML MANAGED BOND FD	FIXED INCOME	NEWELL RUBBERMAID INC	\$ 678,539	670,000	0.04	2	6/15/2015
MML MANAGED BOND FD	FIXED INCOME	BUNGE LIMITED FINANCE CO	\$ 1,251,162	1,200,000	0.07	3.2	6/15/2017
MML MANAGED BOND FD	FIXED INCOME	LG+E AND KU ENERGY LLC	\$ 1,178,085	1,100,000	0.07	4.375	10/1/2021
MML MANAGED BOND FD	FIXED INCOME	HEATHROW FUNDING LTD	\$ 1,153,533	1,135,000	0.07	2.5	6/25/2017
MML MANAGED BOND FD	FIXED INCOME	XYLEM INC	\$ 842,806	800,000	0.05	3.55	9/20/2016
MML MANAGED BOND FD	FIXED INCOME	EXELIS INC	\$ 1,898,571	1,790,000	0.11	4.25	10/1/2016
MML MANAGED BOND FD	FIXED INCOME	GLOBAL SC FINANCE SRL	\$ 817,886	808,333	0.05	4.11	7/19/2027
MML MANAGED BOND FD	FIXED INCOME	CAPITAL AUTOMOTIVE REIT	\$ 1,244,676	1,210,527	0.07	4.7	7/15/2042
MML MANAGED BOND FD	FIXED INCOME	GNMA II POOL 082488	\$ 1,170,586	1,129,706	0.07	1.625	3/20/2040
MML MANAGED BOND FD	FIXED INCOME	NEW YORK CITY TAX LIEN	\$ 286,295	286,238	0.02	1.23	11/10/2025
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 20,135,140	22,515,000	1.14	2.75	8/15/2042
MML MANAGED BOND FD	FIXED INCOME	ALTRIA GROUP INC	\$ 962,286	1,000,000	0.05	2.85	8/9/2022
MML MANAGED BOND FD	FIXED INCOME	ALTRIA GROUP INC	\$ 479,818	515,000	0.03	4.25	8/9/2042
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO REREMIC TRUST	\$ 757,307	757,004	0.04	1.75	8/20/2021
MML MANAGED BOND FD	FIXED INCOME	ICICI BANK LTD/DUBAI	\$ 1,322,073	1,250,000	0.08	4.7	2/21/2018
MML MANAGED BOND FD	FIXED INCOME	RYDER SYSTEM INC	\$ 3,060,925	2,980,000	0.17	2.5	3/1/2018
MML MANAGED BOND FD	FIXED INCOME	SESI LLC	\$ 5,478,523	4,859,000	0.31	7.125	12/15/2021
MML MANAGED BOND FD	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 1,330,053	1,345,000	0.08	3.25	9/15/2022
MML MANAGED BOND FD	FIXED INCOME	TECH DATA CORP	\$ 927,247	885,000	0.05	3.75	9/21/2017
MML MANAGED BOND FD	FIXED INCOME	WESTGATE RESORTS	\$ 452,961	451,060	0.03	3	1/20/2025
MML MANAGED BOND FD	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 3,520,643	3,425,000	0.20	2.5	3/15/2016
MML MANAGED BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 686,159	680,000	0.04	1.625	10/2/2015
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELECTRIC CO	\$ 1,412,340	1,430,000	0.08	4.125	10/9/2042
MML MANAGED BOND FD	FIXED INCOME	REALTY INCOME CORP	\$ 2,456,558	2,445,000	0.14	2	1/31/2018
MML MANAGED BOND FD	FIXED INCOME	SVO VOI MORTGAGE CORP	\$ 718,636	719,620	0.04	2	9/20/2029
MML MANAGED BOND FD	FIXED INCOME	CVS PASS THROUGH TRUST	\$ 1,507,502	1,319,440	0.09	5.926	1/10/2034
MML MANAGED BOND FD	FIXED INCOME	ERP OPERATING LP	\$ 412,776	375,000	0.02	4.625	12/15/2021
MML MANAGED BOND FD	FIXED INCOME	SESI LLC	\$ 3,362,625	3,150,000	0.19	6.375	5/1/2019
MML MANAGED BOND FD	FIXED INCOME	STRPS 2012 1 LTD	\$ 1,226,354	1,238,741	0.07	1.5	12/25/2044
MML MANAGED BOND FD	FIXED INCOME	HERCULES CAPITAL FUNDING TRUST	\$ 787,241	784,788	0.04	3.32	12/16/2017
MML MANAGED BOND FD	FIXED INCOME	PHILLIPS 66	\$ 539,133	450,000	0.03	5.875	5/1/2042
MML MANAGED BOND FD	EQUITY	ALLSTATE CORP	\$ 2,387,350	95,000	0.14	0	
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF TURKEY	\$ 373,410	405,000	0.02	3.25	3/23/2023

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	KFW	\$ 3,232,392	3,340,000	0.18	2.125	1/17/2023
MML MANAGED BOND FD	FIXED INCOME	LEAR CORP	\$ 437,800	440,000	0.02	4.75	1/15/2023
MML MANAGED BOND FD	FIXED INCOME	FIRSTMERIT CORPORATION	\$ 479,196	460,000	0.03	4.35	2/4/2023
MML MANAGED BOND FD	FIXED INCOME	JOBSONHO BEVERAGE SYS STWD LIQ	\$ 4,077,783	3,950,000	0.23	4.532	1/1/2035
MML MANAGED BOND FD	FIXED INCOME	QVC INC	\$ 580,239	545,000	0.03	5.125	7/2/2022
MML MANAGED BOND FD	FIXED INCOME	PROVINCE OF QUEBEC	\$ 2,450,183	2,515,000	0.14	2.625	2/13/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA1368	\$ 469,162	474,032	0.03	3	3/1/2043
MML MANAGED BOND FD	FIXED INCOME	ARROW ELECTRONICS INC	\$ 689,798	660,000	0.04	4.5	3/1/2023
MML MANAGED BOND FD	FIXED INCOME	NATIONAL FUEL GAS CO	\$ 701,385	710,000	0.04	3.75	3/1/2023
MML MANAGED BOND FD	FIXED INCOME	DISCOVER BANK	\$ 1,393,250	1,385,000	0.08	2	2/21/2018
MML MANAGED BOND FD	FIXED INCOME	SPRINGLEAF FUNDING TRUST	\$ 1,460,626	1,450,000	0.08	2.58	9/15/2021
MML MANAGED BOND FD	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 1,177,712	1,160,000	0.07	2.5	3/1/2018
MML MANAGED BOND FD	FIXED INCOME	EXPORT IMPORT BK KOREA	\$ 501,691	505,000	0.03	1.75	2/27/2018
MML MANAGED BOND FD	FIXED INCOME	WHIRLPOOL CORP	\$ 636,220	630,000	0.04	3.7	3/1/2023
MML MANAGED BOND FD	FIXED INCOME	WHIRLPOOL CORP	\$ 308,528	290,000	0.02	5.15	3/1/2043
MML MANAGED BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 366,543	359,465	0.02	3.68	9/17/2018
MML MANAGED BOND FD	FIXED INCOME	WARNER CHILCOTT CO LLC	\$ 1,340,395	1,275,000	0.08	7.75	9/15/2018
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 585,581	555,000	0.03	3.35	10/17/2016
MML MANAGED BOND FD	FIXED INCOME	TORONTO DOMINION BANK	\$ 1,045,326	1,010,000	0.06	2.375	10/19/2016
MML MANAGED BOND FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 1,445,439	1,420,000	0.08	3.875	1/15/2015
MML MANAGED BOND FD	FIXED INCOME	EQT CORP	\$ 546,457	500,000	0.03	4.875	11/15/2021
MML MANAGED BOND FD	FIXED INCOME	BOSTON PROPERTIES LP	\$ 507,079	475,000	0.03	3.7	11/15/2018
MML MANAGED BOND FD	FIXED INCOME	GLENORE FINANCE CANADA	\$ 1,005,731	1,000,000	0.06	2.85	11/10/2014
MML MANAGED BOND FD	FIXED INCOME	CIGNA CORP	\$ 830,810	800,000	0.05	2.75	11/15/2016
MML MANAGED BOND FD	FIXED INCOME	PFS FINANCING CORP	\$ 1,102,883	1,100,000	0.06	1.65175	10/17/2016
MML MANAGED BOND FD	FIXED INCOME	SPRINT COMMUNICATIONS	\$ 3,152,500	2,600,000	0.18	9	11/15/2018
MML MANAGED BOND FD	FIXED INCOME	AMGEN INC	\$ 1,019,382	950,000	0.06	5.15	11/15/2041
MML MANAGED BOND FD	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 468,633	425,000	0.03	4.75	2/15/2022
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AD0836	\$ 286,932	255,931	0.02	5.5	11/1/2028
MML MANAGED BOND FD	FIXED INCOME	NISOURCE FINANCE CORP	\$ 1,088,391	950,000	0.06	5.8	2/1/2042
MML MANAGED BOND FD	FIXED INCOME	TRANSOCEAN INC	\$ 8,386,406	7,720,000	0.48	5.05	12/15/2016
MML MANAGED BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 1,197,691	1,120,000	0.07	4	6/8/2017
MML MANAGED BOND FD	FIXED INCOME	ECOLAB INC	\$ 411,211	375,000	0.02	4.35	12/8/2021
MML MANAGED BOND FD	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 2,364,513	2,215,000	0.13	5	5/1/2018
MML MANAGED BOND FD	FIXED INCOME	APPLE INC	\$ 565,695	615,000	0.03	3.85	5/4/2043
MML MANAGED BOND FD	FIXED INCOME	APPLE INC	\$ 1,284,777	1,360,000	0.07	2.4	5/3/2023
MML MANAGED BOND FD	FIXED INCOME	APPLE INC	\$ 1,916,794	1,960,000	0.11	1	5/3/2018
MML MANAGED BOND FD	FIXED INCOME	ERAC USA FINANCE LLC	\$ 407,968	395,000	0.02	2.8	11/1/2018
MML MANAGED BOND FD	FIXED INCOME	TRANSELEC SA	\$ 1,103,192	1,075,000	0.06	4.625	7/26/2023
MML MANAGED BOND FD	FIXED INCOME	BAIDU INC	\$ 1,746,049	1,690,000	0.10	3.25	8/6/2018
MML MANAGED BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 668,919	655,000	0.04	3.625	4/15/2018
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 32,824,377	32,630,000	1.86	2.5	8/15/2023
MML MANAGED BOND FD	FIXED INCOME	HILTON GRAND VACATIONS TRUST	\$ 2,108,008	2,083,930	0.12	2.28	1/25/2026
MML MANAGED BOND FD	FIXED INCOME	ALLSTATE CORP	\$ 2,217,924	2,065,000	0.13	5.75	8/15/2053
MML MANAGED BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 823,142	800,000	0.05	2.875	8/9/2018
MML MANAGED BOND FD	FIXED INCOME	ABBVIE INC	\$ 485,403	500,000	0.03	4.4	11/6/2042
MML MANAGED BOND FD	FIXED INCOME	HOSPIRA INC	\$ 985,061	900,000	0.06	5.2	8/12/2020
MML MANAGED BOND FD	FIXED INCOME	VOYA FINANCIAL INC	\$ 687,191	600,000	0.04	5.5	7/15/2022
MML MANAGED BOND FD	FIXED INCOME	PROLOGIS LP	\$ 539,994	530,000	0.03	2.75	2/15/2019
MML MANAGED BOND FD	FIXED INCOME	CA INC	\$ 746,840	730,000	0.04	2.875	8/15/2018
MML MANAGED BOND FD	FIXED INCOME	HORNBECK OFFSHORE SERV	\$ 1,348,453	1,115,000	0.08	1.5	9/1/2019
MML MANAGED BOND FD	FIXED INCOME	VOYA FINANCIAL INC	\$ 1,195,563	1,175,000	0.07	5.65	5/15/2053

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	AMERICAN TOWER CORP	\$ 1,150,771	1,100,000	0.07	3.4	2/15/2019
MML MANAGED BOND FD	FIXED INCOME	BROADRIDGE FINANCIAL SOL	\$ 685,636	655,000	0.04	3.95	9/1/2020
MML MANAGED BOND FD	FIXED INCOME	QVC INC	\$ 848,191	835,000	0.05	4.375	3/15/2023
MML MANAGED BOND FD	FIXED INCOME	DBRR TRUST	\$ 1,817,648	1,804,117	0.10	1.636	12/18/2049
MML MANAGED BOND FD	FIXED INCOME	O REILLY AUTOMOTIVE INC	\$ 621,849	609,000	0.04	3.85	6/15/2023
MML MANAGED BOND FD	FIXED INCOME	HORIZON FUNDING TRUST	\$ 1,109,942	1,107,864	0.06	3	5/15/2018
MML MANAGED BOND FD	FIXED INCOME	HOWARD HUGHES MEDICAL IN	\$ 906,016	880,000	0.05	3.5	9/1/2023
MML MANAGED BOND FD	FIXED INCOME	TSY INFL IX N/B	\$ 14,017,528	13,751,100	0.80	0.375	7/15/2023
MML MANAGED BOND FD	FIXED INCOME	POST APARTMENT HOMES LP	\$ 388,805	400,000	0.02	3.375	12/1/2022
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 1,062,471	1,060,000	0.06	3.703	10/15/2045
MML MANAGED BOND FD	FIXED INCOME	INTERPUBLIC GROUP COS	\$ 1,068,064	1,050,000	0.06	2.25	11/15/2017
MML MANAGED BOND FD	FIXED INCOME	AIR LEASE CORP	\$ 586,494	535,000	0.03	5.625	4/1/2017
MML MANAGED BOND FD	FIXED INCOME	HCP INC	\$ 970,503	970,000	0.06	2.625	2/1/2020
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 1,797,062	1,680,000	0.10	5.625	6/15/2043
MML MANAGED BOND FD	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 1,388,548	1,380,000	0.08	1.6	11/20/2017
MML MANAGED BOND FD	FIXED INCOME	TTX CO	\$ 860,966	900,000	0.05	3.05	11/15/2022
MML MANAGED BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 1,626,705	1,610,000	0.09	1.6	11/23/2015
MML MANAGED BOND FD	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 1,026,970	1,017,438	0.06	4.229	1/25/2043
MML MANAGED BOND FD	FIXED INCOME	ASHLAND INC	\$ 9,668,100	9,620,000	0.55	4.75	8/15/2022
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 2,435,083	1,935,000	0.14	6.55	9/15/2043
MML MANAGED BOND FD	FIXED INCOME	ECOPETROL SA	\$ 272,850	255,000	0.02	4.25	9/18/2018
MML MANAGED BOND FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 1,552,875	1,515,000	0.09	3.875	4/15/2018
MML MANAGED BOND FD	FIXED INCOME	AVON PRODUCTS INC	\$ 364,382	360,000	0.02	5	3/15/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR4109	\$ 211,836	214,035	0.01	3	2/1/2043
MML MANAGED BOND FD	FIXED INCOME	DCP MIDSTREAM OPERATING	\$ 192,361	190,000	0.01	3.875	3/15/2023
MML MANAGED BOND FD	FIXED INCOME	GATX CORP	\$ 872,564	865,000	0.05	2.375	7/30/2018
MML MANAGED BOND FD	FIXED INCOME	GATX CORP	\$ 538,784	530,000	0.03	3.9	3/30/2023
MML MANAGED BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 4,050,156	4,025,000	0.23	3.25	3/15/2016
MML MANAGED BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 1,836,000	1,800,000	0.10	5.2	3/15/2044
MML MANAGED BOND FD	FIXED INCOME	CKE RESTAURANTS HOLDINGS INC	\$ 360,396	353,250	0.02	4.474	3/20/2043
MML MANAGED BOND FD	FIXED INCOME	AVERY DENNISON CORP	\$ 394,651	410,000	0.02	3.35	4/15/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AT0998	\$ 6,928,159	6,774,670	0.39	3.5	4/1/2043
MML MANAGED BOND FD	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 831,431	815,000	0.05	4.5	4/15/2023
MML MANAGED BOND FD	FIXED INCOME	REPUBLIC OF TURKEY	\$ 445,560	474,000	0.03	4.875	4/16/2043
MML MANAGED BOND FD	FIXED INCOME	NISOURCE FINANCE CORP	\$ 1,147,484	1,135,000	0.07	4.8	2/15/2044
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AT0976	\$ 3,984,962	4,049,340	0.23	3	4/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AT2911	\$ 4,876,651	4,955,434	0.28	3	4/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AT4050	\$ 1,860,840	1,819,615	0.11	3.5	5/1/2043
MML MANAGED BOND FD	FIXED INCOME	QBE INSURANCE GROUP LTD	\$ 653,919	655,000	0.04	2.4	5/1/2018
MML MANAGED BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 1,084,579	1,105,000	0.06	3.375	5/1/2023
MML MANAGED BOND FD	FIXED INCOME	ADT CORP	\$ 1,747,875	1,770,000	0.10	2.25	7/15/2017
MML MANAGED BOND FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 9,951,778	10,000,000	0.57	0.715	3/6/2015
MML MANAGED BOND FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 10,723,928	10,723,000	0.61	0.6	7/7/2014
MML MANAGED BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 1,532,775	1,535,783	0.09	1.21	8/15/2018
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 4,552,288	4,440,000	0.26	3.25	3/17/2017
MML MANAGED BOND FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 672,470	671,197	0.04	1.29	10/16/2017
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR8708	\$ 1,358,106	1,328,018	0.08	3.5	4/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB8756	\$ 4,253,294	4,322,007	0.24	3	3/1/2043
MML MANAGED BOND FD	FIXED INCOME	FOMENTO ECONOMICO MEX	\$ 476,345	500,000	0.03	2.875	5/10/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA1463	\$ 4,483,099	4,383,779	0.25	3.5	6/1/2043
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 8,316,312	9,100,000	0.47	2.875	5/15/2043
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 628,256	640,000	0.04	3	1/15/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 1,161,675	1,160,000	0.07	2	5/20/2016
MML MANAGED BOND FD	FIXED INCOME	STATE GRID OVERSEAS INV	\$ 1,150,648	1,170,000	0.07	1.75	5/22/2018
MML MANAGED BOND FD	FIXED INCOME	CF INDUSTRIES INC	\$ 362,775	366,000	0.02	3.45	6/1/2023
MML MANAGED BOND FD	FIXED INCOME	PPL CAPITAL FUNDING INC	\$ 319,762	320,000	0.02	1.9	6/1/2018
MML MANAGED BOND FD	FIXED INCOME	HIGHER EDUCATION FUNDING	\$ 374,342	450,000	0.02	1.634	1/1/2044
MML MANAGED BOND FD	FIXED INCOME	HIGHER EDUCATION FUNDING	\$ 378,720	450,000	0.02	1.65	1/1/2044
MML MANAGED BOND FD	FIXED INCOME	GLENCORE FUNDING LLC	\$ 1,468,254	1,472,000	0.08	2.5	1/15/2019
MML MANAGED BOND FD	FIXED INCOME	GLENCORE FUNDING LLC	\$ 1,936,467	1,919,000	0.11	1.7	5/27/2016
MML MANAGED BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 815,805	830,144	0.05	0.412	9/25/2035
MML MANAGED BOND FD	FIXED INCOME	EMC CORP/MA	\$ 1,785,066	1,764,000	0.10	3.375	6/1/2023
MML MANAGED BOND FD	FIXED INCOME	AFLAC INC	\$ 1,394,186	1,366,000	0.08	3.625	6/15/2023
MML MANAGED BOND FD	FIXED INCOME	LIBERTY MUTUAL GROUP INC	\$ 586,640	566,000	0.03	4.25	6/15/2023
MML MANAGED BOND FD	FIXED INCOME	EATON VANCE CORP	\$ 577,819	567,000	0.03	3.625	6/15/2023
MML MANAGED BOND FD	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 1,069,964	1,058,574	0.06	4.352	1/25/2043
MML MANAGED BOND FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 2,199,722	2,200,000	0.12	0.35	7/14/2014
MML MANAGED BOND FD	FIXED INCOME	ICAHN ENTERPRISES/FIN	\$ 1,082,038	1,070,000	0.06	3.5	3/15/2017
MML MANAGED BOND FD	FIXED INCOME	TRANSALTA CORP	\$ 1,430,576	1,425,000	0.08	1.9	6/3/2017
MML MANAGED BOND FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 2,499,250	2,500,000	0.14	0.36	7/31/2014
MML MANAGED BOND FD	FIXED INCOME	BAIDU INC	\$ 406,577	405,000	0.02	2.75	6/9/2019
MML MANAGED BOND FD	FIXED INCOME	PENNSYLVANIA ELEC CO	\$ 1,863,895	1,860,000	0.11	4.15	4/15/2025
MML MANAGED BOND FD	FIXED INCOME	METROPOLITAN EDISON CO	\$ 1,357,134	1,345,000	0.08	4	4/15/2025
MML MANAGED BOND FD	CASH EQUIVALENT	CANADIAN NATURAL RESOU	\$ 3,349,766	3,350,000	0.19	0.28	7/10/2014
MML MANAGED BOND FD	CASH EQUIVALENT	HYUNDAI CAPITAL AMERICA	\$ 9,993,456	10,000,000	0.57	0.31	9/15/2014
MML MANAGED BOND FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 2,895,499	2,900,000	0.16	0.447	11/5/2014
MML MANAGED BOND FD	FIXED INCOME	QVC INC	\$ 976,330	960,000	0.06	3.125	4/1/2019
MML MANAGED BOND FD	FIXED INCOME	JARDEN CORP	\$ 163,097	135,000	0.01	1.5	6/15/2019
MML MANAGED BOND FD	CASH EQUIVALENT	TESCO TREAS SVCS PLC	\$ 4,998,063	5,000,000	0.28	0.314	8/15/2014
MML MANAGED BOND FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 7,963,522	8,000,000	0.45	0.499	6/1/2015
MML MANAGED BOND FD	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 1,808,330	1,805,000	0.10	2.5	6/15/2019
MML MANAGED BOND FD	CASH EQUIVALENT	FMC CORP	\$ 5,499,444	5,500,000	0.31	0.28	7/14/2014
MML MANAGED BOND FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 1,999,910	2,000,000	0.11	0.270001	7/7/2014
MML MANAGED BOND FD	CASH EQUIVALENT	WPP CP LLC	\$ 21,880,545	21,900,000	1.24	0.41	9/17/2014
MML MANAGED BOND FD	FIXED INCOME	GNMA POOL 783896	\$ 6,590,865	6,330,000	0.37	3.5	5/15/2044
MML MANAGED BOND FD	CASH EQUIVALENT	ERAC USA FINANCE LLC	\$ 9,493,120	9,500,000	0.54	0.33	9/18/2014
MML MANAGED BOND FD	CASH EQUIVALENT	AGRIUM INC	\$ 4,995,819	5,000,000	0.28	0.35	9/25/2014
MML MANAGED BOND FD	FIXED INCOME	MARTIN MARIETTA MATERIAL	\$ 1,364,200	1,365,000	0.08	1	6/30/2017
MML MANAGED BOND FD	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 1,998,206	2,000,000	0.11	0.38	9/24/2014
MML MANAGED BOND FD	CASH EQUIVALENT	WESTAR ENERGY INC	\$ 9,548,568	9,550,000	0.54	0.27	7/21/2014
MML MANAGED BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 1,518,525	1,530,000	0.09	3.375	7/15/2019
MML MANAGED BOND FD	FIXED INCOME	AVERY POINT CLO LTD	\$ 2,200,000	2,200,000	0.12	1	7/17/2026
MML MANAGED BOND FD	CASH EQUIVALENT	AMEREN CORP	\$ 2,947,276	2,948,000	0.17	0.26	8/4/2014
MML MANAGED BOND FD	CASH EQUIVALENT	ENBRIDGE ENERGY PRNTS	\$ 4,298,997	4,300,000	0.24	0.28	7/31/2014
MML MANAGED BOND FD	CASH EQUIVALENT	PACIFIC GAS & ELEC CO	\$ 19,999,878	20,000,000	1.14	0.22	7/2/2014
MML MANAGED BOND FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 4,765,418	4,765,418	0.27	0	7/1/2014
MML MANAGED BOND FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 2,995,508	3,000,000	0.17	0.55	10/7/2014
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91128	\$ 7,408	6,601	0.00	5.5	12/1/2027
MML MANAGED BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 1,494,962	1,310,000	0.08	6.46125	2/10/2051
MML MANAGED BOND FD	FIXED INCOME	FEDERAL REALTY INVS TRST	\$ 386,625	330,000	0.02	5.9	4/1/2020
MML MANAGED BOND FD	FIXED INCOME	BRAMBLES USA INC	\$ 554,504	490,000	0.03	5.35	4/1/2020
MML MANAGED BOND FD	FIXED INCOME	MASTR ASSET BACKED SECURITIES	\$ 1,647,869	1,785,000	0.09	0.872	3/25/2035
MML MANAGED BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 8,989	9,004	0.00	0.492	9/25/2035
MML MANAGED BOND FD	FIXED INCOME	VULCAN MATERIALS CO	\$ 80,848	73,000	0.00	6.5	12/1/2016

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	TRIP RAIL MASTER FUNDING LLC	\$ 515,546	488,082	0.03	4.37	7/15/2041
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL D97258	\$ 165,847	147,976	0.01	5.5	4/1/2027
MML MANAGED BOND FD	FIXED INCOME	NIAGARA MOHAWK POWER	\$ 1,038,948	1,070,000	0.06	2.721	11/28/2022
MML MANAGED BOND FD	FIXED INCOME	AVNET INC	\$ 695,079	653,000	0.04	4.875	12/1/2022
MML MANAGED BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 1,345,400	1,240,000	0.08	6.25	11/1/2016
MML MANAGED BOND FD	FIXED INCOME	NEWELL RUBBERMAID INC	\$ 859,257	850,000	0.05	2.05	12/1/2017
MML MANAGED BOND FD	FIXED INCOME	CARNIVAL CORP	\$ 754,338	750,000	0.04	1.875	12/15/2017
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AQ0546	\$ 491,148	476,625	0.03	3.5	11/1/2042
MML MANAGED BOND FD	FIXED INCOME	CLIFFS NATURAL RESOURCES	\$ 1,038,662	1,025,000	0.06	3.95	1/15/2018
MML MANAGED BOND FD	FIXED INCOME	ARL FIRST LLC	\$ 2,301,995	2,247,208	0.13	1.90175	12/15/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB7397	\$ 269,086	271,879	0.02	3	12/1/2042
MML MANAGED BOND FD	FIXED INCOME	WILLIAMS COMPANIES INC	\$ 548,304	570,000	0.03	3.7	1/15/2023
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR1975	\$ 75,495	76,278	0.00	3	12/1/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR2174	\$ 461,383	466,319	0.03	3	4/1/2043
MML MANAGED BOND FD	FIXED INCOME	EDUCATIONAL FUNDING OF THE SOU	\$ 688,364	625,000	0.04	3.92875	4/25/2046
MML MANAGED BOND FD	FIXED INCOME	GOLDENTREE LOAN OPPORTUNITIES	\$ 1,979,236	2,000,000	0.11	1.37875	4/25/2025
MML MANAGED BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 1,405,150	1,420,000	0.08	1.652	6/25/2043
MML MANAGED BOND FD	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 793,114	840,787	0.05	0.552	2/25/2036
MML MANAGED BOND FD	FIXED INCOME	ASHLAND INC	\$ 1,295,155	1,202,000	0.07	6.875	5/15/2043
MML MANAGED BOND FD	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 2,427,643	2,325,000	0.14	3.591	3/15/2046
MML MANAGED BOND FD	CASH EQUIVALENT	CENTRICA PLC	\$ 7,397,260	7,400,000	0.42	0.43	8/1/2014
MML MANAGED BOND FD	CASH EQUIVALENT	DAIMLER FIN NORTH AMERICA	\$ 9,958,000	10,000,000	0.57	0.6	3/10/2015
MML MANAGED BOND FD	FIXED INCOME	BM1036144 IRS USD R V 03MLIBOR	\$ 33,320,000	33,320,000	1.89	0.2266	4/29/2024
MML MANAGED BOND FD	FIXED INCOME	BM1036144 IRS USD P F 2.76500	\$ (33,827,315)	(33,320,000)	1.92	2.765	4/29/2024
MML MANAGED BOND FD	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 4,998,442	5,000,000	0.28	0.335	8/4/2014
MML MANAGED BOND FD	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 7,997,044	8,000,000	0.45	0.38	8/5/2014
MML MANAGED BOND FD	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 5,997,635	6,000,000	0.34	0.335	8/13/2014
MML MANAGED BOND FD	CASH EQUIVALENT	FMC CORP	\$ 7,999,938	8,000,000	0.45	0.28	7/2/2014
MML MANAGED BOND FD	CASH EQUIVALENT	ENBRIDGE ENERGY PRTNS	\$ 11,183,391	11,184,000	0.64	0.28	7/8/2014
MML MANAGED BOND FD	FIXED INCOME	GALAXY CLO LTD	\$ 998,314	1,000,000	0.06	1.62585	5/19/2023
MML MANAGED BOND FD	CASH EQUIVALENT	NBCUNIVERSAL ENTERPRISE INC	\$ 2,999,962	3,000,000	0.17	1	7/3/2014
MML MANAGED BOND FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 4,977,675	5,000,000	0.28	0.47	6/8/2015
MML MANAGED BOND FD	CASH EQUIVALENT	PEARSON HOLDINGS	\$ 9,200,000	9,200,000	0.52	0.27	7/1/2014
MML MANAGED BOND FD	CASH EQUIVALENT	PEARSON HOLDINGS	\$ 9,499,261	9,500,000	0.54	0.28	7/11/2014
MML MANAGED BOND FD	CASH EQUIVALENT	PALL CORPORATION	\$ 6,998,833	7,000,000	0.40	0.25	7/25/2014
MML MANAGED BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 1,470,949	1,325,000	0.08	5.2	6/15/2044
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL D97417	\$ 98,689	87,967	0.01	5.5	10/1/2027
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AP8668	\$ 324,650	328,020	0.02	3	12/1/2042
MML MANAGED BOND FD	FIXED INCOME	RACE POINT CLO LTD	\$ 696,393	700,000	0.04	1.4786	2/20/2025
MML MANAGED BOND FD	FIXED INCOME	CYTEC INDUSTRIES INC	\$ 373,486	380,000	0.02	3.5	4/1/2023
MML MANAGED BOND FD	FIXED INCOME	BLUEMOUNTAIN CLO LTD	\$ 650,281	650,000	0.04	1.6266	10/29/2025
MML MANAGED BOND FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 8,999,898	9,000,000	0.51	0.41	7/2/2014
MML MANAGED BOND FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 1,998,925	2,000,000	0.11	0.436	8/15/2014
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 890328	\$ 1,538,519	1,473,930	0.09	3	9/1/2020
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB7401	\$ 264,975	267,726	0.02	3	12/1/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB8809	\$ 135,673	137,082	0.01	3	3/1/2043
MML MANAGED BOND FD	CASH EQUIVALENT	XCEL ENERGY INC	\$ 9,998,556	10,000,000	0.57	0.4	7/14/2014
MML MANAGED BOND FD	OPTIONS	BM1036094 BCM SWAPTION USD PAY	\$ 2,791,101	110,730,000	0.16	0	4/25/2016
MML MANAGED BOND FD	FIXED INCOME	JARDEN CORP	\$ 502,455	492,000	0.03	1.125	3/15/2034
MML MANAGED BOND FD	FIXED INCOME	SKANDINAVISKA ENSKILDA	\$ 685,916	680,000	0.04	2.375	3/25/2019
MML MANAGED BOND FD	FIXED INCOME	UNITED AIR 2014 1 A PTT	\$ 821,138	810,000	0.05	4	10/11/2027
MML MANAGED BOND FD	FIXED INCOME	CARLYLE GLOBAL MARKET STRATEGI	\$ 3,422,305	3,415,000	0.19	1.7561	4/17/2025

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	FREDDIE MAC	\$ 3,243,067	3,118,650	0.18	3.5	12/15/2038
MML MANAGED BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 2,331,913	2,285,000	0.13	4	4/1/2024
MML MANAGED BOND FD	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 3,250,059	3,250,000	0.18	1.48645	4/15/2022
MML MANAGED BOND FD	FUTURE	US LONG BOND(CBT) SEP14	\$ -	(3,300,000)	0.00	0	9/19/2014
MML MANAGED BOND FD	CASH EQUIVALENT	B A T INTL FIN	\$ 11,459,185	11,460,000	0.65	0.32	7/9/2014
MML MANAGED BOND FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 4,978,535	5,000,000	0.28	0.55	4/8/2015
MML MANAGED BOND FD	FIXED INCOME	BCC FUNDING CORP	\$ 1,104,753	1,105,416	0.06	1.794	6/20/2020
MML MANAGED BOND FD	FUTURE	US 5YR NOTE (CBT) SEP14	\$ -	78,200,000	0.00	0	9/30/2014
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 14,232,051	14,205,000	0.81	1.625	4/30/2019
MML MANAGED BOND FD	FIXED INCOME	GLENCORE FUNDING LLC	\$ 1,137,077	1,115,000	0.06	3.125	4/29/2019
MML MANAGED BOND FD	FIXED INCOME	CITRIX SYSTEMS INC	\$ 2,212,788	2,090,000	0.13	0.5	4/15/2019
MML MANAGED BOND FD	FUTURE	US 2YR NOTE (CBT) SEP14	\$ -	95,600,000	0.00	0	9/30/2014
MML MANAGED BOND FD	FIXED INCOME	US TREASURY N/B	\$ 3,221,563	3,200,000	0.18	3.375	5/15/2044
MML MANAGED BOND FD	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 9,997,572	10,000,000	0.57	0.386	7/24/2014
MML MANAGED BOND FD	FIXED INCOME	AERCAP IRELAND CAP LTD/A	\$ 4,817,863	4,735,000	0.27	4.5	5/15/2021
MML MANAGED BOND FD	FIXED INCOME	MADISON PARK FUNDING LTD	\$ 2,904,631	2,900,000	0.16	1.72335	7/20/2026
MML MANAGED BOND FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 6,324,132	6,325,000	0.36	0.38	7/14/2014
MML MANAGED BOND FD	FIXED INCOME	AIMCO	\$ 2,249,975	2,250,000	0.13	1.76335	7/20/2026
MML MANAGED BOND FD	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 2,851,197	2,850,000	0.16	1.75771	7/15/2026
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL J13972	\$ 152,836	144,473	0.01	3.5	1/1/2026
MML MANAGED BOND FD	FIXED INCOME	DAIMLER FINANCE NA LLC	\$ 929,893	900,000	0.05	2.625	9/15/2016
MML MANAGED BOND FD	FIXED INCOME	BOSTON GAS COMPANY	\$ 461,319	450,000	0.03	4.487	2/15/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AL1382	\$ 745,731	716,914	0.04	3	2/1/2027
MML MANAGED BOND FD	FIXED INCOME	DRUG ROYALTY CORPORATION, INC.	\$ 632,842	609,231	0.04	5.8	7/15/2024
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA1084	\$ 2,766,093	2,641,844	0.16	3.5	6/1/2032
MML MANAGED BOND FD	FIXED INCOME	TALISMAN ENERGY	\$ 650,545	600,000	0.04	5.5	5/15/2042
MML MANAGED BOND FD	FIXED INCOME	MARRIOTT VACATION CLUB OWNER T	\$ 607,168	596,177	0.03	2.51	5/20/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB1485	\$ 171,138	163,232	0.01	3.5	9/1/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL MA1138	\$ 45,771	43,715	0.00	3.5	8/1/2032
MML MANAGED BOND FD	FIXED INCOME	XYLEM INC	\$ 407,824	375,000	0.02	4.875	10/1/2021
MML MANAGED BOND FD	FIXED INCOME	ING INVESTMENT MANAGEMENT CLO	\$ 701,142	700,000	0.04	1.67645	10/15/2022
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AP9736	\$ 1,971,479	1,912,896	0.11	3.5	10/1/2042
MML MANAGED BOND FD	FIXED INCOME	FAIRWAY OUTDOOR FUNDING LLC	\$ 2,218,380	2,194,699	0.13	4.212	10/15/2042
MML MANAGED BOND FD	FIXED INCOME	LEIGHTON FINANCE USA PTY	\$ 731,717	685,000	0.04	5.95	11/13/2022
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AJ3722	\$ 363,923	347,576	0.02	3.5	12/1/2031
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AB6353	\$ 3,425,000	3,271,153	0.19	3.5	10/1/2032
MML MANAGED BOND FD	FIXED INCOME	FED HM LN PC POOL C91424	\$ 224,778	214,681	0.01	3.5	1/1/2032
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR0306	\$ 21,643	21,868	0.00	3	1/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AO8180	\$ 60,504	61,113	0.00	3	9/1/2042
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR5391	\$ 187,721	189,669	0.01	3	1/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AL3215	\$ 253,917	256,552	0.01	3	2/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AR4432	\$ 91,065	92,010	0.01	3	3/1/2043
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL AT0169	\$ 424,947	429,358	0.02	3	3/1/2043
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 876,974	820,000	0.05	3.65	9/14/2018
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 767,904	745,000	0.04	2.5	9/15/2016
MML MANAGED BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 1,482,798	1,325,000	0.08	5.15	9/15/2023
MML MANAGED BOND FD	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 1,587,756	1,480,000	0.09	4.7	9/15/2023
MML MANAGED BOND FD	FIXED INCOME	MUFG UNION BANK NA	\$ 514,202	500,000	0.03	2.625	9/26/2018
MML MANAGED BOND FD	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 1,337,493	1,290,000	0.08	3.375	10/15/2020
MML MANAGED BOND FD	FIXED INCOME	GENERAL MOTORS CO	\$ 1,303,688	1,275,000	0.07	3.5	10/2/2018
MML MANAGED BOND FD	FIXED INCOME	VALLEY NATIONAL BANCORP	\$ 1,248,004	1,185,000	0.07	5.125	9/27/2023
MML MANAGED BOND FD	FIXED INCOME	CONAGRA FOODS INC	\$ 437,861	350,000	0.02	6.625	8/15/2039

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	CONAGRA FOODS INC	\$ 664,959	600,000	0.04	4.95	8/15/2020
MML MANAGED BOND FD	FIXED INCOME	FREEPOR MCMORAN INC	\$ 593,721	585,000	0.03	2.375	3/15/2018
MML MANAGED BOND FD	FIXED INCOME	FREEPOR MCMORAN INC	\$ 912,989	880,000	0.05	5.45	3/15/2043
MML MANAGED BOND FD	FIXED INCOME	WM WRIGLEY JR CO	\$ 482,462	475,000	0.03	2.4	10/21/2018
MML MANAGED BOND FD	FIXED INCOME	SANDISK CORP	\$ 2,658,418	2,113,000	0.15	0.5	10/15/2020
MML MANAGED BOND FD	FIXED INCOME	EMPRESA NACIONAL DE TELE	\$ 1,301,676	1,250,000	0.07	4.875	10/30/2024
MML MANAGED BOND FD	FIXED INCOME	ZOETIS INC	\$ 440,192	445,000	0.03	3.25	2/1/2023
MML MANAGED BOND FD	FIXED INCOME	GLOBAL CONTAINER ASSET LTD	\$ 1,655,969	1,660,927	0.09	2.2	11/5/2028
MML MANAGED BOND FD	FIXED INCOME	GENERAL MOTORS FINL CO	\$ 974,400	960,000	0.06	2.75	5/15/2016
MML MANAGED BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 1,902,138	1,895,000	0.11	1.45	2/6/2017
MML MANAGED BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 1,053,354	1,045,000	0.06	2.55	2/6/2019
MML MANAGED BOND FD	FIXED INCOME	WELLS FARGO + COMPANY	\$ 2,001,897	1,890,000	0.11	4.48	1/16/2024
MML MANAGED BOND FD	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 1,393,344	1,390,000	0.08	2	2/6/2017
MML MANAGED BOND FD	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 697,634	695,000	0.04	3	2/6/2019
MML MANAGED BOND FD	FIXED INCOME	AFFILIATED MANAGERS GROU	\$ 1,367,773	1,322,000	0.08	4.25	2/15/2024
MML MANAGED BOND FD	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 1,356,861	1,350,000	0.08	1.4	2/13/2017
MML MANAGED BOND FD	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 2,171,473	2,130,000	0.12	2.5	2/13/2019
MML MANAGED BOND FD	CASH EQUIVALENT	WELLPOINT INC	\$ 9,989,267	10,000,000	0.57	0.01	10/1/2014
MML MANAGED BOND FD	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 8,695,839	8,700,000	0.49	0.4267	8/11/2014
MML MANAGED BOND FD	FIXED INCOME	MICRON TECHNOLOGY INC	\$ 3,090,266	1,018,000	0.18	2.125	2/15/2033
MML MANAGED BOND FD	FIXED INCOME	RYDER SYSTEM INC	\$ 430,227	425,000	0.02	2.55	6/1/2019
MML MANAGED BOND FD	CASH EQUIVALENT	TESCO TREAS SVCS PLC	\$ 14,991,875	15,000,000	0.85	0.39	8/20/2014
MML MANAGED BOND FD	FIXED INCOME	CNA FINANCIAL CORP	\$ 1,155,672	1,120,000	0.07	3.95	5/15/2024
MML MANAGED BOND FD	CASH EQUIVALENT	CENTRICA PLC	\$ 9,996,383	10,000,000	0.57	0.42	8/1/2014
MML MANAGED BOND FD	FIXED INCOME	ASCENTIUM EQUIPMENT RECEIVABLE	\$ 1,214,167	1,215,000	0.07	1.04	1/10/2017
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 1,450,719	1,375,000	0.08	4.199	3/10/2047
MML MANAGED BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 1,732,535	1,675,000	0.10	4.625	3/15/2024
MML MANAGED BOND FD	FIXED INCOME	AIR LEASE CORP	\$ 1,662,600	1,630,000	0.09	3.875	4/1/2021
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 656,349	625,000	0.04	4.883	3/15/2044
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 591,559	590,000	0.03	1.292	3/10/2017
MML MANAGED BOND FD	FIXED INCOME	PPL CAPITAL FUNDING INC	\$ 1,270,032	1,180,000	0.07	5	3/15/2044
MML MANAGED BOND FD	FIXED INCOME	HSBC HOLDINGS PLC	\$ 3,431,914	3,205,000	0.19	5.25	3/14/2044
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 602,105	600,000	0.03	2.284	3/15/2019
MML MANAGED BOND FD	FIXED INCOME	MCKESSON CORP	\$ 669,629	655,000	0.04	3.796	3/15/2024
MML MANAGED BOND FD	FIXED INCOME	CF INDUSTRIES INC	\$ 1,222,357	1,140,000	0.07	5.375	3/15/2044
MML MANAGED BOND FD	FIXED INCOME	AXIS SPECIALTY FINAN PLC	\$ 595,085	590,000	0.03	2.65	4/1/2019
MML MANAGED BOND FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 4,986,583	5,000,000	0.28	0.611	12/9/2014
MML MANAGED BOND FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 1,285,661	1,273,413	0.07	2.2	10/20/2030
MML MANAGED BOND FD	FIXED INCOME	FNMA POOL 890564	\$ 4,561,822	4,594,666	0.26	3	6/1/2043
MML MANAGED BOND FD	FIXED INCOME	GLOBAL SC FINANCE SRL	\$ 1,562,005	1,530,208	0.09	3.67	11/17/2028
MML MANAGED BOND FD	FIXED INCOME	LAZARD GROUP LLC	\$ 3,127,370	2,985,000	0.18	4.25	11/14/2020
MML MANAGED BOND FD	FIXED INCOME	WPP FINANCE 2010	\$ 3,058,706	2,800,000	0.17	5.625	11/15/2043
MML MANAGED BOND FD	FIXED INCOME	SEACOR HOLDINGS INC	\$ 152,288	155,000	0.01	3	11/15/2028
MML MANAGED BOND FD	FIXED INCOME	MICRON TECHNOLOGY INC	\$ 662,096	514,000	0.04	3	11/15/2043
MML MANAGED BOND FD	FIXED INCOME	AIR LEASE CORP	\$ 2,335,263	2,270,000	0.13	3.375	1/15/2019
MML MANAGED BOND FD	FIXED INCOME	WELLPOINT INC	\$ 995,719	650,000	0.06	2.75	10/15/2042
MML MANAGED BOND FD	FIXED INCOME	EATON CORP	\$ 715,886	715,000	0.04	1.5	11/2/2017
MML MANAGED BOND FD	FIXED INCOME	FIVE CORNERS FUNDING TRS	\$ 1,386,447	1,315,000	0.08	4.419	11/15/2023
MML MANAGED BOND FD	FIXED INCOME	ING INVESTMENT MANAGEMENT CLO	\$ 1,851,106	1,850,000	0.11	1.68585	1/18/2026
MML MANAGED BOND FD	FIXED INCOME	TTX CO	\$ 1,620,352	1,565,000	0.09	4.15	1/15/2024
MML MANAGED BOND FD	FIXED INCOME	VNO MORTGAGE TRUST	\$ 1,540,738	1,450,000	0.09	3.808	12/13/2029
MML MANAGED BOND FD	FIXED INCOME	ENERGY TRANSFER PARTNERS	\$ 1,263,625	1,375,000	0.07	3.24285	11/1/2066

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MANAGED BOND FD	FIXED INCOME	ARCH CAPITAL GRP US INC	\$ 1,125,277	1,040,000	0.06	5.144	11/1/2043
MML MANAGED BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 1,633,919	1,628,950	0.09	1.54	7/16/2018
MML MANAGED BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 1,515,373	1,410,000	0.09	4.236	2/10/2047
MML MANAGED BOND FD	FIXED INCOME	PETROLEOS MEXICANOS	\$ 690,944	595,000	0.04	6.375	1/23/2045
MML MANAGED BOND FD	FIXED INCOME	PETROLEOS MEXICANOS	\$ 336,213	325,000	0.02	3.125	1/23/2019
MML MANAGED BOND FD	FIXED INCOME	LEGG MASON INC	\$ 1,739,154	1,600,000	0.10	5.625	1/15/2044
MML MANAGED BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 1,672,688	1,650,000	0.10	3.25	2/1/2017
MML MANAGED BOND FD	FIXED INCOME	AMPHENOL CORP	\$ 1,338,554	1,320,000	0.08	2.55	1/30/2019
MML MANAGED BOND FD	FIXED INCOME	DBCCRE MORTGAGE TRUST	\$ 1,051,723	995,000	0.06	4.2382	1/10/2034
MML MONEY MARKET FD	CASH EQUIVALENT	UNITED HEALTHCARE CO	\$ 6,500,000	6,500,000	2.53	0.15	7/1/2014
MML MONEY MARKET FD	CASH EQUIVALENT	ABB TREASURY CENTRE	\$ 6,499,903	6,500,000	2.53	0.09	7/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	AMERICAN HONDA FINAN	\$ 4,499,843	4,500,000	1.75	0.09	7/15/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BASIN ELEC PWR COOP	\$ 3,999,547	4,000,000	1.56	0.12	8/4/2014
MML MONEY MARKET FD	CASH EQUIVALENT	L'OREAL USA INC.	\$ 3,782,832	3,783,000	1.47	0.08	7/21/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PARKER-HANNIFIN CORP	\$ 1,574,969	1,575,000	0.61	0.07	7/11/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BROWN-FORMAN CORP.	\$ 6,499,980	6,500,000	2.53	0.11	7/2/2014
MML MONEY MARKET FD	CASH EQUIVALENT	NSTAR ELEC CO	\$ 1,374,992	1,375,000	0.54	0.11	7/3/2014
MML MONEY MARKET FD	CASH EQUIVALENT	NATL RURAL UTIL COOP	\$ 2,149,887	2,150,000	0.84	0.09	7/22/2014
MML MONEY MARKET FD	CASH EQUIVALENT	WISCONSIN GAS CO	\$ 3,424,933	3,425,000	1.33	0.1	7/8/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BP CAPITAL MARKETS PLC	\$ 6,499,626	6,500,000	2.53	0.09	7/24/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PARKER-HANNIFIN CORP	\$ 2,499,888	2,500,000	0.97	0.07	7/24/2014
MML MONEY MARKET FD	CASH EQUIVALENT	ROCKWELL AUTOM INC	\$ 3,999,893	4,000,000	1.56	0.12	7/9/2014
MML MONEY MARKET FD	CASH EQUIVALENT	NSTAR ELEC CO	\$ 5,124,875	5,125,000	2.00	0.11	7/9/2014
MML MONEY MARKET FD	CASH EQUIVALENT	JOHN DEERE CAPITAL C	\$ 1,674,892	1,675,000	0.65	0.08	7/30/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CATERPLR FIN SRV CO.	\$ 3,998,961	4,000,000	1.56	0.11	9/24/2014
MML MONEY MARKET FD	CASH EQUIVALENT	NESTLE CAP CORP	\$ 2,998,915	3,000,000	1.17	0.142	10/2/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED HOME LN DISCOUNT NT	\$ 314,966	315,000	0.12	0.13	7/31/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED HOME LN DISCOUNT NT	\$ 2,999,963	3,000,000	1.17	0.055	7/9/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BERKSHIRE HATHAWAY INC	\$ 4,278,210	4,274,000	1.67	0.92385	8/15/2014
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 2,505,487	2,500,000	0.98	0.375	4/15/2015
MML MONEY MARKET FD	CASH EQUIVALENT	CONOCOPHILLIPS QATAR F	\$ 1,725,501	1,726,000	0.67	0.13	9/19/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PACCAR FINANCIAL COR	\$ 1,199,949	1,200,000	0.47	0.07	7/23/2014
MML MONEY MARKET FD	CASH EQUIVALENT	MCDONALD'S CORPORATI	\$ 1,699,669	1,700,000	0.66	0.09	9/17/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CARGILL GBL FUNDING	\$ 6,499,978	6,500,000	2.53	0.06	7/3/2014
MML MONEY MARKET FD	CASH EQUIVALENT	EMERSON ELECTRIC CO	\$ 4,998,986	5,000,000	1.95	0.1	9/12/2014
MML MONEY MARKET FD	CASH EQUIVALENT	UNION BANK NA	\$ 6,499,798	6,500,000	2.53	0.07	7/17/2014
MML MONEY MARKET FD	CASH EQUIVALENT	HENKEL CORPORATION	\$ 6,499,350	6,500,000	2.53	0.12	7/31/2014
MML MONEY MARKET FD	CASH EQUIVALENT	KIMBERLY CLARK WW IN	\$ 5,474,886	5,475,000	2.13	0.05	7/16/2014
MML MONEY MARKET FD	CASH EQUIVALENT	WISCONSIN GAS CO	\$ 1,999,953	2,000,000	0.78	0.14	7/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 12,355	12,355	0.00	0	7/1/2014
MML MONEY MARKET FD	CASH EQUIVALENT	RECKITT BENCKISER TREAS	\$ 3,744,896	3,750,000	1.46	0.25	1/13/2015
MML MONEY MARKET FD	CASH EQUIVALENT	FREDDIE MAC DISCOUNT NT	\$ 999,990	1,000,000	0.39	0.05	7/8/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FREDDIE MAC DISCOUNT NT	\$ 649,938	650,000	0.25	0.07	8/19/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED HOME LN DISCOUNT NT	\$ 699,939	700,000	0.27	0.07	8/15/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED HOME LN DISCOUNT NT	\$ 1,014,986	1,015,000	0.40	0.05	7/11/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FANNIE DISCOUNT NOTE	\$ 399,983	400,000	0.16	0.055	7/29/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED FARM CRD DISCOUNT NT	\$ 1,999,047	2,000,000	0.78	0.12	11/21/2014
MML MONEY MARKET FD	CASH EQUIVALENT	FED HOME LN DISCOUNT NT	\$ 2,822,859	2,825,000	1.10	0.11	3/6/2015
MML MONEY MARKET FD	CASH EQUIVALENT	GENERAL ELEC CAP CORP	\$ 1,584,000	1,583,000	0.62	0.4906	9/15/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BANK OF NOVA SCOTIA	\$ 2,577,869	2,563,000	1.00	1.26705	1/12/2015
MML MONEY MARKET FD	CASH EQUIVALENT	COCA-COLA COMPANY	\$ 2,499,563	2,500,000	0.97	0.173	8/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CATERPLR FIN SRV CO.	\$ 822,000	822,000	0.32	0.101	7/1/2014

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML MONEY MARKET FD	CASH EQUIVALENT	CATERPLR FIN SRV CO.	\$ 1,499,996	1,500,000	0.58	0.101	7/2/2014
MML MONEY MARKET FD	CASH EQUIVALENT	GOOGLE INC	\$ 3,999,548	4,000,000	1.56	0.112	8/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	HONEYWELL INTERNATN'	\$ 1,499,750	1,500,000	0.58	0.122	8/20/2014
MML MONEY MARKET FD	CASH EQUIVALENT	TOYOTA MOTOR CREDIT	\$ 3,374,810	3,375,000	1.31	0.071	7/30/2014
MML MONEY MARKET FD	CASH EQUIVALENT	AIR PRODUCTS & CHEMI	\$ 1,399,981	1,400,000	0.55	0.08	7/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	MICROSOFT CORP	\$ 6,499,301	6,500,000	2.53	0.09	8/13/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PRECISION CASTPARTS CORP	\$ 3,999,922	4,000,000	1.56	0.101	7/8/2014
MML MONEY MARKET FD	CASH EQUIVALENT	EXPORT-IMPORT BANK	\$ 6,498,635	6,500,000	2.53	0.18	8/12/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PACCAR FINANCIAL COR	\$ 2,274,722	2,275,000	0.89	0.101	8/14/2014
MML MONEY MARKET FD	CASH EQUIVALENT	WESTPAC SECS NZ LTD	\$ 6,498,646	6,500,000	2.53	0.15	8/20/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CDP FINANCIAL INC	\$ 3,999,144	4,000,000	1.56	0.14	8/25/2014
MML MONEY MARKET FD	CASH EQUIVALENT	ROCHE HOLDING INC	\$ 6,424,750	6,425,000	2.50	0.07	7/21/2014
MML MONEY MARKET FD	CASH EQUIVALENT	TREASURY BILL	\$ 1,998,262	2,000,000	0.78	0.0945	5/28/2015
MML MONEY MARKET FD	CASH EQUIVALENT	CDP FINANCIAL INC	\$ 2,499,446	2,500,000	0.97	0.14	8/27/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PACCAR FINANCIAL COR	\$ 2,999,458	3,000,000	1.17	0.1	9/4/2014
MML MONEY MARKET FD	CASH EQUIVALENT	DANAHER CORPORATION	\$ 2,803,930	2,804,000	1.09	0.1	7/10/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BMW US CAPITAL LLC	\$ 3,999,870	4,000,000	1.56	0.09	7/14/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BMW US CAPITAL LLC	\$ 2,499,694	2,500,000	0.97	0.1	8/14/2014
MML MONEY MARKET FD	CASH EQUIVALENT	ROCKWELL AUTOM INC	\$ 2,499,992	2,500,000	0.97	0.12	7/2/2014
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 5,000,197	5,000,000	1.95	0.125	7/31/2014
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 6,076,128	6,075,000	2.37	0.25	8/31/2014
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 2,500,833	2,500,000	0.97	0.25	9/30/2014
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 1,525,658	1,525,000	0.59	0.25	10/31/2014
MML MONEY MARKET FD	CASH EQUIVALENT	GENERAL ELEC CAP CORP	\$ 1,052,255	1,050,000	0.41	0.60935	1/9/2015
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 2,475,376	2,475,000	0.96	0.125	4/30/2015
MML MONEY MARKET FD	CASH EQUIVALENT	US TREASURY N/B	\$ 3,003,983	3,000,000	1.17	0.25	5/31/2015
MML MONEY MARKET FD	CASH EQUIVALENT	NESTLE CAP CORP	\$ 2,498,956	2,500,000	0.97	0.16	10/3/2014
MML MONEY MARKET FD	CASH EQUIVALENT	EMERSON ELECTRIC CO	\$ 1,499,931	1,500,000	0.58	0.11	7/16/2014
MML MONEY MARKET FD	CASH EQUIVALENT	AMERICAN HONDA FINAN	\$ 1,999,878	2,000,000	0.78	0.11	7/21/2014
MML MONEY MARKET FD	CASH EQUIVALENT	INTL BUS MACH CORP	\$ 6,499,529	6,500,000	2.53	0.091	7/30/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CONOCOPHILLIPS QATAR F	\$ 2,699,633	2,700,000	1.05	0.142	8/5/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PRECISION CASTPARTS CORP	\$ 2,499,938	2,500,000	0.97	0.1	7/10/2014
MML MONEY MARKET FD	CASH EQUIVALENT	BASIN ELEC PWR COOP	\$ 1,999,811	2,000,000	0.78	0.1	8/4/2014
MML MONEY MARKET FD	CASH EQUIVALENT	PROCTOR GAMBLE AND CO	\$ 1,499,610	1,500,000	0.58	0.132	9/11/2014
MML MONEY MARKET FD	CASH EQUIVALENT	HONEYWELL INTERNATN'	\$ 4,998,617	5,000,000	1.95	0.122	9/22/2014
MML MONEY MARKET FD	CASH EQUIVALENT	AIR PRODUCTS & CHEMI	\$ 1,774,973	1,775,000	0.69	0.09	7/7/2014
MML MONEY MARKET FD	CASH EQUIVALENT	NATL RURAL UTIL COOP	\$ 4,349,989	4,350,000	1.69	0.09	7/2/2014
MML MONEY MARKET FD	CASH EQUIVALENT	CONOCOPHILLIPS QATAR F	\$ 1,999,523	2,000,000	0.78	0.13	9/5/2014
MML BLEND-EQUITY	EQUITY	CINTAS CORP	\$ 62,142	978	0.01	0	
MML BLEND-EQUITY	EQUITY	ROBERT HALF INTL INC	\$ 87,173	1,826	0.02	0	
MML BLEND-EQUITY	EQUITY	FASTENAL CO	\$ 4,058	82	0.00	0	
MML BLEND-EQUITY	EQUITY	L 3 COMMUNICATIONS HOLDINGS	\$ 345,345	2,860	0.07	0	
MML BLEND-EQUITY	EQUITY	EBAY INC	\$ 1,315,427	26,277	0.28	0	
MML BLEND-EQUITY	EQUITY	BROWN FORMAN CORP CLASS B	\$ 565	6	0.00	0	
MML BLEND-EQUITY	EQUITY	BORGWARNER INC	\$ 306,393	4,700	0.07	0	
MML BLEND-EQUITY	EQUITY	EOG RESOURCES INC	\$ 1,538,812	13,168	0.33	0	
MML BLEND-EQUITY	EQUITY	EDISON INTERNATIONAL	\$ 483,824	8,326	0.10	0	
MML BLEND-EQUITY	EQUITY	LINCOLN NATIONAL CORP	\$ 933,687	18,151	0.20	0	
MML BLEND-EQUITY	EQUITY	LOEWS CORP	\$ 82,871	1,883	0.02	0	
MML BLEND-EQUITY	EQUITY	NISOURCE INC	\$ 28,049	713	0.01	0	
MML BLEND-EQUITY	EQUITY	ONEOK INC	\$ 326,784	4,800	0.07	0	
MML BLEND-EQUITY	EQUITY	PINNACLE WEST CAPITAL	\$ 86,529	1,496	0.02	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	SOUTHERN CO/THE	\$ 1,262,562	27,822	0.27	0	
MML BLEND-EQUITY	EQUITY	TECO ENERGY INC	\$ 1,756	95	0.00	0	
MML BLEND-EQUITY	EQUITY	UNUM GROUP	\$ 713,658	20,531	0.15	0	
MML BLEND-EQUITY	EQUITY	SOUTHWESTERN ENERGY CO	\$ 163,764	3,600	0.04	0	
MML BLEND-EQUITY	EQUITY	DARDEN RESTAURANTS INC	\$ 2,499	54	0.00	0	
MML BLEND-EQUITY	EQUITY	PERKINELMER INC	\$ 937	20	0.00	0	
MML BLEND-EQUITY	EQUITY	ROPER INDUSTRIES INC	\$ 384,444	2,633	0.08	0	
MML BLEND-EQUITY	EQUITY	CELGENE CORP	\$ 279,625	3,256	0.06	0	
MML BLEND-EQUITY	EQUITY	CERNER CORP	\$ 41,264	800	0.01	0	
MML BLEND-EQUITY	EQUITY	COGNIZANT TECH SOLUTIONS A	\$ 809,754	16,556	0.18	0	
MML BLEND-EQUITY	EQUITY	FLIR SYSTEMS INC	\$ 946,462	27,252	0.20	0	
MML BLEND-EQUITY	EQUITY	GOODYEAR TIRE + RUBBER CO	\$ 1,215,403	43,751	0.26	0	
MML BLEND-EQUITY	EQUITY	HELMERICH + PAYNE	\$ 355,297	3,060	0.08	0	
MML BLEND-EQUITY	EQUITY	HUMANA INC	\$ 669,764	5,244	0.14	0	
MML BLEND-EQUITY	EQUITY	INTERNATIONAL PAPER CO	\$ 615,078	12,187	0.13	0	
MML BLEND-EQUITY	EQUITY	KEYCORP	\$ 760,407	53,064	0.16	0	
MML BLEND-EQUITY	EQUITY	LAM RESEARCH CORP	\$ 278,632	4,123	0.06	0	
MML BLEND-EQUITY	EQUITY	LOCKHEED MARTIN CORP	\$ 1,947,244	12,115	0.42	0	
MML BLEND-EQUITY	EQUITY	NORFOLK SOUTHERN CORP	\$ 1,041,942	10,113	0.23	0	
MML BLEND-EQUITY	EQUITY	NORTHEAST UTILITIES	\$ 38,383	812	0.01	0	
MML BLEND-EQUITY	EQUITY	NORTHROP GRUMMAN CORP	\$ 1,388,665	11,608	0.30	0	
MML BLEND-EQUITY	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 2,023,350	19,715	0.44	0	
MML BLEND-EQUITY	EQUITY	OWENS ILLINOIS INC	\$ 180,682	5,216	0.04	0	
MML BLEND-EQUITY	EQUITY	P G + E CORP	\$ 149,630	3,116	0.03	0	
MML BLEND-EQUITY	EQUITY	PPL CORPORATION	\$ 593,991	16,718	0.13	0	
MML BLEND-EQUITY	EQUITY	PIONEER NATURAL RESOURCES CO	\$ 230	1	0.00	0	
MML BLEND-EQUITY	EQUITY	PUBLIC SERVICE ENTERPRISE GP	\$ 763,752	18,724	0.17	0	
MML BLEND-EQUITY	EQUITY	PULTEGROUP INC	\$ 188,960	9,373	0.04	0	
MML BLEND-EQUITY	EQUITY	RYDER SYSTEM INC	\$ 523,078	5,938	0.11	0	
MML BLEND-EQUITY	EQUITY	SCANA CORP	\$ 201,626	3,747	0.04	0	
MML BLEND-EQUITY	EQUITY	AMPHENOL CORP CL A	\$ 3,083	32	0.00	0	
MML BLEND-EQUITY	EQUITY	APARTMENT INVT + MGMT CO A	\$ 2,743	85	0.00	0	
MML BLEND-EQUITY	EQUITY	BALL CORP	\$ 1,222,385	19,502	0.26	0	
MML BLEND-EQUITY	EQUITY	DENTSPLY INTERNATIONAL INC	\$ 64,207	1,356	0.01	0	
MML BLEND-EQUITY	EQUITY	GILEAD SCIENCES INC	\$ 2,360,448	28,470	0.51	0	
MML BLEND-EQUITY	EQUITY	HEALTH CARE REIT INC	\$ 4,512	72	0.00	0	
MML BLEND-EQUITY	EQUITY	MACERICH CO/THE	\$ 160,200	2,400	0.03	0	
MML BLEND-EQUITY	EQUITY	NVIDIA CORP	\$ 979,394	52,826	0.21	0	
MML BLEND-EQUITY	EQUITY	SANDISK CORP	\$ 969,424	9,283	0.21	0	
MML BLEND-EQUITY	EQUITY	SYMANTEC CORP	\$ 431,780	18,855	0.09	0	
MML BLEND-EQUITY	EQUITY	BECTON DICKINSON AND CO	\$ 471,544	3,986	0.10	0	
MML BLEND-EQUITY	EQUITY	CENTURYLINK INC	\$ 848,094	23,428	0.18	0	
MML BLEND-EQUITY	EQUITY	CLOROX COMPANY	\$ 177,590	1,943	0.04	0	
MML BLEND-EQUITY	EQUITY	HUDSON CITY BANCORP INC	\$ 61,241	6,230	0.01	0	
MML BLEND-EQUITY	EQUITY	DENBURY RESOURCES INC	\$ 189,658	10,274	0.04	0	
MML BLEND-EQUITY	EQUITY	CONSOL ENERGY INC	\$ 326,222	7,081	0.07	0	
MML BLEND-EQUITY	EQUITY	TOTAL SYSTEM SERVICES INC	\$ 81,886	2,607	0.02	0	
MML BLEND-EQUITY	EQUITY	VENTAS INC	\$ 1,603	25	0.00	0	
MML BLEND-EQUITY	EQUITY	RED HAT INC	\$ 1,161	21	0.00	0	
MML BLEND-EQUITY	EQUITY	F5 NETWORKS INC	\$ 766,707	6,880	0.17	0	
MML BLEND-EQUITY	EQUITY	PLUM CREEK TIMBER CO	\$ 2,841	63	0.00	0	
MML BLEND-EQUITY	EQUITY	INTUIT INC	\$ 277,829	3,450	0.06	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	WHOLE FOODS MARKET INC	\$ 164,178	4,250	0.04		0
MML BLEND-EQUITY	EQUITY	LEUCADIA NATIONAL CORP	\$ 328,720	12,537	0.07		0
MML BLEND-EQUITY	EQUITY	HUNTINGTON BANCSHARES INC	\$ 603,882	63,300	0.13		0
MML BLEND-EQUITY	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 767,118	6,501	0.17		0
MML BLEND-EQUITY	EQUITY	MARATHON OIL CORP	\$ 1,007,062	25,227	0.22		0
MML BLEND-EQUITY	EQUITY	UNION PACIFIC CORP	\$ 2,036,097	20,412	0.44		0
MML BLEND-EQUITY	EQUITY	VALERO ENERGY CORP	\$ 1,072,140	21,400	0.23		0
MML BLEND-EQUITY	EQUITY	WISCONSIN ENERGY CORP	\$ 210,295	4,482	0.05		0
MML BLEND-EQUITY	EQUITY	AIRGAS INC	\$ 7,842	72	0.00		0
MML BLEND-EQUITY	EQUITY	CHESAPEAKE ENERGY CORP	\$ 792,229	25,490	0.17		0
MML BLEND-EQUITY	EQUITY	HARMAN INTERNATIONAL	\$ 200,787	1,869	0.04		0
MML BLEND-EQUITY	EQUITY	PETSMART INC	\$ 107,640	1,800	0.02		0
MML BLEND-EQUITY	EQUITY	PRECISION CASTPARTS CORP	\$ 41,898	166	0.01		0
MML BLEND-EQUITY	EQUITY	QUEST DIAGNOSTICS INC	\$ 194,205	3,309	0.04		0
MML BLEND-EQUITY	EQUITY	RANGE RESOURCES CORP	\$ 8,608	99	0.00		0
MML BLEND-EQUITY	EQUITY	REGENERON PHARMACEUTICALS	\$ 161,008	570	0.03		0
MML BLEND-EQUITY	EQUITY	TESORO CORP	\$ 5,104	87	0.00		0
MML BLEND-EQUITY	EQUITY	AFFILIATED MANAGERS GROUP	\$ 267,020	1,300	0.06		0
MML BLEND-EQUITY	EQUITY	ALEXION PHARMACEUTICALS INC	\$ 354,688	2,270	0.08		0
MML BLEND-EQUITY	EQUITY	AMETEK INC	\$ 308,452	5,900	0.07		0
MML BLEND-EQUITY	EQUITY	APPLIED MATERIALS INC	\$ 291,774	12,939	0.06		0
MML BLEND-EQUITY	EQUITY	CABOT OIL + GAS CORP	\$ 1,639	48	0.00		0
MML BLEND-EQUITY	EQUITY	CONAGRA FOODS INC	\$ 106,076	3,574	0.02		0
MML BLEND-EQUITY	EQUITY	STRYKER CORP	\$ 1,142,536	13,550	0.25		0
MML BLEND-EQUITY	EQUITY	ESTEE LAUDER COMPANIES CL A	\$ 386,895	5,210	0.08		0
MML BLEND-EQUITY	EQUITY	CITRIX SYSTEMS INC	\$ 342,586	5,477	0.07		0
MML BLEND-EQUITY	EQUITY	NORTHERN TRUST CORP	\$ 247,786	3,859	0.05		0
MML BLEND-EQUITY	EQUITY	NORDSTROM INC	\$ 272,263	4,008	0.06		0
MML BLEND-EQUITY	EQUITY	KELLOGG CO	\$ 599,710	9,128	0.13		0
MML BLEND-EQUITY	EQUITY	M + T BANK CORP	\$ 168,088	1,355	0.04		0
MML BLEND-EQUITY	EQUITY	EXPEDITORS INTL WASH INC	\$ 1,148	26	0.00		0
MML BLEND-EQUITY	EQUITY	NEWMONT MINING CORP	\$ 95,909	3,770	0.02		0
MML BLEND-EQUITY	EQUITY	FIFTH THIRD BANCORP	\$ 297,213	13,921	0.06		0
MML BLEND-EQUITY	EQUITY	FREEMONT MCMORAN INC	\$ 819,936	22,464	0.18		0
MML BLEND-EQUITY	EQUITY	BB+T CORP	\$ 925,264	23,466	0.20		0
MML BLEND-EQUITY	EQUITY	COMERICA INC	\$ 221,757	4,421	0.05		0
MML BLEND-EQUITY	EQUITY	SEMPRA ENERGY	\$ 132,039	1,261	0.03		0
MML BLEND-EQUITY	EQUITY	LEGG MASON INC	\$ 596,530	11,626	0.13		0
MML BLEND-EQUITY	EQUITY	PROGRESSIVE CORP	\$ 380,755	15,014	0.08		0
MML BLEND-EQUITY	EQUITY	AMAZON.COM INC	\$ 71,452	220	0.02		0
MML BLEND-EQUITY	EQUITY	MCKESSON CORP	\$ 1,795,995	9,645	0.39		0
MML BLEND-EQUITY	EQUITY	BEMIS COMPANY	\$ 77,091	1,896	0.02		0
MML BLEND-EQUITY	EQUITY	AGL RESOURCES INC	\$ 1,588,276	28,862	0.34		0
MML BLEND-EQUITY	EQUITY	ALLSTATE CORP	\$ 783,031	13,335	0.17		0
MML BLEND-EQUITY	EQUITY	AMEREN CORPORATION	\$ 259,997	6,360	0.06		0
MML BLEND-EQUITY	EQUITY	AMERICAN ELECTRIC POWER	\$ 1,136,871	20,385	0.25		0
MML BLEND-EQUITY	EQUITY	APACHE CORP	\$ 1,229,677	12,221	0.27		0
MML BLEND-EQUITY	EQUITY	ARCHER DANIELS MIDLAND CO	\$ 1,891,966	42,892	0.41		0
MML BLEND-EQUITY	EQUITY	AUTONATION INC	\$ 5,908	99	0.00		0
MML BLEND-EQUITY	EQUITY	CMS ENERGY CORP	\$ 246,178	7,903	0.05		0
MML BLEND-EQUITY	EQUITY	CSX CORP	\$ 758,142	24,607	0.16		0
MML BLEND-EQUITY	EQUITY	CINCINNATI FINANCIAL CORP	\$ 289,153	6,019	0.06		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	CONSOLIDATED EDISON INC	\$ 160,633	2,782	0.03	0	
MML BLEND-EQUITY	EQUITY	CUMMINS INC	\$ 608,674	3,945	0.13	0	
MML BLEND-EQUITY	EQUITY	DR HORTON INC	\$ 106,849	4,347	0.02	0	
MML BLEND-EQUITY	EQUITY	DTE ENERGY COMPANY	\$ 394,022	5,060	0.09	0	
MML BLEND-EQUITY	EQUITY	DEVON ENERGY CORPORATION	\$ 1,004,172	12,647	0.22	0	
MML BLEND-EQUITY	EQUITY	DOMINION RESOURCES INC/VA	\$ 473,176	6,616	0.10	0	
MML BLEND-EQUITY	EQUITY	EASTMAN CHEMICAL CO	\$ 364,250	4,170	0.08	0	
MML BLEND-EQUITY	EQUITY	ENTERGY CORP	\$ 1,543,128	18,798	0.33	0	
MML BLEND-EQUITY	EQUITY	FIRSTENERGY CORP	\$ 127,770	3,680	0.03	0	
MML BLEND-EQUITY	EQUITY	PEPSICO INC	\$ 2,506,880	28,060	0.54	0	
MML BLEND-EQUITY	EQUITY	UNITED PARCEL SERVICE CL B	\$ 193,001	1,880	0.04	0	
MML BLEND-EQUITY	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 126,836	613	0.03	0	
MML BLEND-EQUITY	EQUITY	NEWELL RUBBERMAID INC	\$ 177,821	5,738	0.04	0	
MML BLEND-EQUITY	EQUITY	SNAP ON INC	\$ 198,047	1,671	0.04	0	
MML BLEND-EQUITY	EQUITY	ANADARKO PETROLEUM CORP	\$ 2,098,321	19,168	0.45	0	
MML BLEND-EQUITY	EQUITY	DEERE + CO	\$ 928,138	10,250	0.20	0	
MML BLEND-EQUITY	EQUITY	KIMCO REALTY CORP	\$ 176,188	7,667	0.04	0	
MML BLEND-EQUITY	EQUITY	TIFFANY + CO	\$ 110,476	1,102	0.02	0	
MML BLEND-EQUITY	EQUITY	AVON PRODUCTS INC	\$ 1,269,492	86,892	0.27	0	
MML BLEND-EQUITY	EQUITY	VORNADO REALTY TRUST	\$ 39,810	373	0.01	0	
MML BLEND-EQUITY	EQUITY	ZIONS BANCORPORATION	\$ 63,095	2,141	0.01	0	
MML BLEND-EQUITY	EQUITY	AVALONBAY COMMUNITIES INC	\$ 142	1	0.00	0	
MML BLEND-EQUITY	EQUITY	BOSTON PROPERTIES INC	\$ 185,897	1,573	0.04	0	
MML BLEND-EQUITY	EQUITY	EQUITY RESIDENTIAL	\$ 3,528	56	0.00	0	
MML BLEND-EQUITY	EQUITY	HOST HOTELS + RESORTS INC	\$ 350,773	15,937	0.08	0	
MML BLEND-EQUITY	EQUITY	PUBLIC STORAGE	\$ 24,503	143	0.01	0	
MML BLEND-EQUITY	EQUITY	SIMON PROPERTY GROUP INC	\$ 831	5	0.00	0	
MML BLEND-EQUITY	EQUITY	AIR PRODUCTS + CHEMICALS INC	\$ 396,793	3,085	0.09	0	
MML BLEND-EQUITY	EQUITY	AUTOMATIC DATA PROCESSING	\$ 167,202	2,109	0.04	0	
MML BLEND-EQUITY	EQUITY	CIGNA CORP	\$ 1,084,510	11,792	0.23	0	
MML BLEND-EQUITY	EQUITY	CATERPILLAR INC	\$ 3,626,861	33,375	0.78	0	
MML BLEND-EQUITY	EQUITY	COLGATE PALMOLIVE CO	\$ 1,619,684	23,756	0.35	0	
MML BLEND-EQUITY	EQUITY	ECOLAB INC	\$ 80,387	722	0.02	0	
MML BLEND-EQUITY	EQUITY	GENERAL MILLS INC	\$ 717,801	13,662	0.16	0	
MML BLEND-EQUITY	EQUITY	GOLDMAN SACHS GROUP INC	\$ 2,340,811	13,980	0.51	0	
MML BLEND-EQUITY	EQUITY	PAYCHEX INC	\$ 214,616	5,164	0.05	0	
MML BLEND-EQUITY	EQUITY	ROSS STORES INC	\$ 488,833	7,392	0.11	0	
MML BLEND-EQUITY	EQUITY	SCHLUMBERGER LTD	\$ 1,696,593	14,384	0.37	0	
MML BLEND-EQUITY	EQUITY	AUTOZONE INC	\$ 533,023	994	0.12	0	
MML BLEND-EQUITY	EQUITY	AVERY DENNISON CORP	\$ 292,894	5,715	0.06	0	
MML BLEND-EQUITY	EQUITY	BAKER HUGHES INC	\$ 1,550,868	20,831	0.34	0	
MML BLEND-EQUITY	EQUITY	BOEING CO/THE	\$ 3,037,235	23,872	0.66	0	
MML BLEND-EQUITY	EQUITY	CORNING INC	\$ 978,246	44,567	0.21	0	
MML BLEND-EQUITY	EQUITY	DOVER CORP	\$ 406,819	4,473	0.09	0	
MML BLEND-EQUITY	EQUITY	EQUIFAX INC	\$ 126,365	1,742	0.03	0	
MML BLEND-EQUITY	EQUITY	FEDEX CORP	\$ 993,053	6,560	0.21	0	
MML BLEND-EQUITY	EQUITY	FISERV INC	\$ 601,752	9,976	0.13	0	
MML BLEND-EQUITY	EQUITY	FLOWSERVE CORP	\$ 161,340	2,170	0.03	0	
MML BLEND-EQUITY	EQUITY	IRON MOUNTAIN INC	\$ 1,595	45	0.00	0	
MML BLEND-EQUITY	EQUITY	STERICYCLE INC	\$ 11,487	97	0.00	0	
MML BLEND-EQUITY	EQUITY	URBAN OUTFITTERS INC	\$ 23,702	700	0.01	0	
MML BLEND-EQUITY	EQUITY	VARIAN MEDICAL SYSTEMS INC	\$ 307,369	3,697	0.07	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 9,468	100	0.00		0
MML BLEND-EQUITY	EQUITY	WESTERN DIGITAL CORP	\$ 1,093,940	11,852	0.24		0
MML BLEND-EQUITY	EQUITY	FORD MOTOR CO	\$ 2,006,960	116,413	0.43		0
MML BLEND-EQUITY	EQUITY	UNITED STATES STEEL CORP	\$ 579,182	22,242	0.13		0
MML BLEND-EQUITY	EQUITY	MEADWESTVACO CORP	\$ 17,129	387	0.00		0
MML BLEND-EQUITY	EQUITY	3M CO	\$ 1,449,875	10,122	0.31		0
MML BLEND-EQUITY	EQUITY	NOBLE ENERGY INC	\$ 4,338	56	0.00		0
MML BLEND-EQUITY	EQUITY	YUM BRANDS INC	\$ 213,962	2,635	0.05		0
MML BLEND-EQUITY	EQUITY	NETFLIX INC	\$ 713,331	1,619	0.15		0
MML BLEND-EQUITY	EQUITY	JM SMUCKER CO/THE	\$ 205,147	1,925	0.04		0
MML BLEND-EQUITY	EQUITY	NABORS INDUSTRIES LTD	\$ 1,455,724	49,565	0.31		0
MML BLEND-EQUITY	EQUITY	PEPCO HOLDINGS INC	\$ 550,782	20,043	0.12		0
MML BLEND-EQUITY	EQUITY	CONOCOPHILLIPS	\$ 5,395,760	62,939	1.17		0
MML BLEND-EQUITY	EQUITY	CENTERPOINT ENERGY INC	\$ 271,516	10,631	0.06		0
MML BLEND-EQUITY	EQUITY	CIMAREX ENERGY CO	\$ 213,755	1,490	0.05		0
MML BLEND-EQUITY	EQUITY	CARMAX INC	\$ 270,452	5,200	0.06		0
MML BLEND-EQUITY	EQUITY	WYNN RESORTS LTD	\$ 489,426	2,358	0.11		0
MML BLEND-EQUITY	EQUITY	COMCAST CORP CLASS A	\$ 3,930,020	73,212	0.85		0
MML BLEND-EQUITY	EQUITY	ALTRIA GROUP INC	\$ 2,892,140	68,959	0.63		0
MML BLEND-EQUITY	EQUITY	CARNIVAL CORP	\$ 439,150	11,664	0.10		0
MML BLEND-EQUITY	EQUITY	PRICELINE GROUP INC/THE	\$ 1,324,503	1,101	0.29		0
MML BLEND-EQUITY	EQUITY	INTUITIVE SURGICAL INC	\$ 18,943	46	0.00		0
MML BLEND-EQUITY	EQUITY	BIOGEN IDEC INC	\$ 394,768	1,252	0.09		0
MML BLEND-EQUITY	EQUITY	NRG ENERGY INC	\$ 1,190,400	32,000	0.26		0
MML BLEND-EQUITY	EQUITY	ASSURANT INC	\$ 2,503,748	38,196	0.54		0
MML BLEND-EQUITY	EQUITY	HOSPIRA INC	\$ 154,983	3,017	0.03		0
MML BLEND-EQUITY	EQUITY	GENWORTH FINANCIAL INC CL A	\$ 1,702,225	97,829	0.37		0
MML BLEND-EQUITY	EQUITY	SALESFORCE.COM INC	\$ 670,476	11,544	0.15		0
MML BLEND-EQUITY	EQUITY	REGIONS FINANCIAL CORP	\$ 676,653	63,715	0.15		0
MML BLEND-EQUITY	EQUITY	PATTERSON COS INC	\$ 3,398	86	0.00		0
MML BLEND-EQUITY	EQUITY	REYNOLDS AMERICAN INC	\$ 122,752	2,034	0.03		0
MML BLEND-EQUITY	EQUITY	GOOGLE INC CL A	\$ 1,485,062	2,540	0.32		0
MML BLEND-EQUITY	EQUITY	WELLPOINT INC	\$ 1,610,491	14,966	0.35		0
MML BLEND-EQUITY	EQUITY	MOLSON COORS BREWING CO B	\$ 699,551	9,433	0.15		0
MML BLEND-EQUITY	EQUITY	CF INDUSTRIES HOLDINGS INC	\$ 1,332,055	5,538	0.29		0
MML BLEND-EQUITY	EQUITY	AMERIPRISE FINANCIAL INC	\$ 837,120	6,976	0.18		0
MML BLEND-EQUITY	EQUITY	GAMESTOP CORP CLASS A	\$ 163,944	4,051	0.04		0
MML BLEND-EQUITY	EQUITY	C.H. ROBINSON WORLDWIDE INC	\$ 14,034	220	0.00		0
MML BLEND-EQUITY	EQUITY	AT+T INC	\$ 3,995,998	113,009	0.86		0
MML BLEND-EQUITY	EQUITY	VIACOM INC CLASS B	\$ 1,319,163	15,210	0.29		0
MML BLEND-EQUITY	EQUITY	HALLIBURTON CO	\$ 1,815,513	25,567	0.39		0
MML BLEND-EQUITY	EQUITY	HERSHEY CO/THE	\$ 160,368	1,647	0.03		0
MML BLEND-EQUITY	EQUITY	KLA TENCOR CORPORATION	\$ 100,897	1,389	0.02		0
MML BLEND-EQUITY	EQUITY	XEROX CORP	\$ 799,208	64,245	0.17		0
MML BLEND-EQUITY	EQUITY	COSTCO WHOLESALE CORP	\$ 529,275	4,596	0.11		0
MML BLEND-EQUITY	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 743,398	11,360	0.16		0
MML BLEND-EQUITY	EQUITY	INTEL CORP	\$ 4,224,741	136,723	0.91		0
MML BLEND-EQUITY	EQUITY	JOHNSON + JOHNSON	\$ 9,542,599	91,212	2.06		0
MML BLEND-EQUITY	EQUITY	JOHNSON CONTROLS INC	\$ 228,280	4,572	0.05		0
MML BLEND-EQUITY	EQUITY	ELI LILLY + CO	\$ 753,127	12,114	0.16		0
MML BLEND-EQUITY	EQUITY	MCDONALD S CORP	\$ 1,114,184	11,060	0.24		0
MML BLEND-EQUITY	EQUITY	STATE STREET CORP	\$ 549,918	8,176	0.12		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	TARGET CORP	\$ 1,175,574	20,286	0.25	0	
MML BLEND-EQUITY	EQUITY	UNITED TECHNOLOGIES CORP	\$ 2,257,048	19,550	0.49	0	
MML BLEND-EQUITY	EQUITY	WASTE MANAGEMENT INC	\$ 361,105	8,073	0.08	0	
MML BLEND-EQUITY	EQUITY	WHIRLPOOL CORP	\$ 390,234	2,803	0.08	0	
MML BLEND-EQUITY	EQUITY	AMERICAN EXPRESS CO	\$ 1,465,647	15,449	0.32	0	
MML BLEND-EQUITY	EQUITY	COCA COLA CO/THE	\$ 3,275,699	77,330	0.71	0	
MML BLEND-EQUITY	EQUITY	MARRIOTT INTERNATIONAL CL A	\$ 427,483	6,669	0.09	0	
MML BLEND-EQUITY	EQUITY	NIKE INC CL B	\$ 766,349	9,882	0.17	0	
MML BLEND-EQUITY	EQUITY	ANALOG DEVICES INC	\$ 397,631	7,354	0.09	0	
MML BLEND-EQUITY	EQUITY	BED BATH + BEYOND INC	\$ 1,260,294	21,964	0.27	0	
MML BLEND-EQUITY	EQUITY	CARDINAL HEALTH INC	\$ 1,362,836	19,878	0.29	0	
MML BLEND-EQUITY	EQUITY	COMPUTER SCIENCES CORP	\$ 2,137,803	33,826	0.46	0	
MML BLEND-EQUITY	EQUITY	HARLEY DAVIDSON INC	\$ 370,345	5,302	0.08	0	
MML BLEND-EQUITY	EQUITY	TEXTRON INC	\$ 439,263	11,472	0.10	0	
MML BLEND-EQUITY	EQUITY	KROGER CO	\$ 1,617,794	32,729	0.35	0	
MML BLEND-EQUITY	EQUITY	SCHWAB (CHARLES) CORP	\$ 404,273	15,012	0.09	0	
MML BLEND-EQUITY	EQUITY	STAPLES INC	\$ 1,484,701	136,965	0.32	0	
MML BLEND-EQUITY	EQUITY	SIGMA ALDRICH	\$ 369,996	3,646	0.08	0	
MML BLEND-EQUITY	EQUITY	ADOBE SYSTEMS INC	\$ 958,046	13,240	0.21	0	
MML BLEND-EQUITY	EQUITY	CR BARD INC	\$ 522,273	3,652	0.11	0	
MML BLEND-EQUITY	EQUITY	FOREST LABORATORIES INC	\$ 594	6	0.00	0	
MML BLEND-EQUITY	EQUITY	HORMEL FOODS CORP	\$ 82,217	1,666	0.02	0	
MML BLEND-EQUITY	EQUITY	MCCORMICK + CO NON VTG SHRS	\$ 11,526	161	0.00	0	
MML BLEND-EQUITY	EQUITY	MURPHY OIL CORP	\$ 439,499	6,611	0.10	0	
MML BLEND-EQUITY	EQUITY	UNITEDHEALTH GROUP INC	\$ 904,482	11,064	0.20	0	
MML BLEND-EQUITY	EQUITY	ST JUDE MEDICAL INC	\$ 664,177	9,591	0.14	0	
MML BLEND-EQUITY	EQUITY	AUTODESK INC	\$ 340,366	6,037	0.07	0	
MML BLEND-EQUITY	EQUITY	JACOBS ENGINEERING GROUP INC	\$ 75,658	1,420	0.02	0	
MML BLEND-EQUITY	EQUITY	LABORATORY CRP OF AMER HLDGS	\$ 188,621	1,842	0.04	0	
MML BLEND-EQUITY	EQUITY	CAMPBELL SOUP CO	\$ 74,395	1,624	0.02	0	
MML BLEND-EQUITY	EQUITY	PARKER HANNIFIN CORP	\$ 508,955	4,048	0.11	0	
MML BLEND-EQUITY	EQUITY	BROADCOM CORP CL A	\$ 533,192	14,364	0.12	0	
MML BLEND-EQUITY	EQUITY	CROWN CASTLE INTL CORP	\$ 51,982	700	0.01	0	
MML BLEND-EQUITY	EQUITY	VF CORP	\$ 144,900	2,300	0.03	0	
MML BLEND-EQUITY	EQUITY	TYSON FOODS INC CL A	\$ 1,223,842	32,601	0.26	0	
MML BLEND-EQUITY	EQUITY	DANAHER CORP	\$ 1,020,026	12,956	0.22	0	
MML BLEND-EQUITY	EQUITY	SEALED AIR CORP	\$ 70,151	2,053	0.02	0	
MML BLEND-EQUITY	EQUITY	REPUBLIC SERVICES INC	\$ 12,796	337	0.00	0	
MML BLEND-EQUITY	EQUITY	AKAMAI TECHNOLOGIES INC	\$ 13,800	226	0.00	0	
MML BLEND-EQUITY	EQUITY	BLACKROCK INC	\$ 1,070,660	3,350	0.23	0	
MML BLEND-EQUITY	EQUITY	AGILENT TECHNOLOGIES INC	\$ 227,635	3,963	0.05	0	
MML BLEND-EQUITY	EQUITY	PACCAR INC	\$ 158,457	2,522	0.03	0	
MML BLEND-EQUITY	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 225,551	4,621	0.05	0	
MML BLEND-EQUITY	EQUITY	ALLERGAN INC	\$ 943,740	5,577	0.20	0	
MML BLEND-EQUITY	EQUITY	DIAMOND OFFSHORE DRILLING	\$ 708,617	14,278	0.15	0	
MML BLEND-EQUITY	EQUITY	NATIONAL OILWELL VARCO INC	\$ 1,242,991	15,094	0.27	0	
MML BLEND-EQUITY	EQUITY	STARBUCKS CORP	\$ 52,386	677	0.01	0	
MML BLEND-EQUITY	EQUITY	LEGGETT + PLATT INC	\$ 126,356	3,686	0.03	0	
MML BLEND-EQUITY	EQUITY	VERIZON COMMUNICATIONS INC	\$ 4,714,650	96,355	1.02	0	
MML BLEND-EQUITY	EQUITY	JUNIPER NETWORKS INC	\$ 704,028	28,689	0.15	0	
MML BLEND-EQUITY	EQUITY	NEWFIELD EXPLORATION CO	\$ 446,420	10,100	0.10	0	
MML BLEND-EQUITY	EQUITY	CBS CORP CLASS B NON VOTING	\$ 177,534	2,857	0.04	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	FIDELITY NATIONAL INFORMATIO	\$ 290,122	5,300	0.06		0
MML BLEND-EQUITY	EQUITY	CA INC	\$ 1,640,278	57,073	0.35		0
MML BLEND-EQUITY	EQUITY	STARWOOD HOTELS + RESORTS	\$ 550,788	6,815	0.12		0
MML BLEND-EQUITY	EQUITY	XCEL ENERGY INC	\$ 176,363	5,472	0.04		0
MML BLEND-EQUITY	EQUITY	MOODY S CORP	\$ 291,908	3,330	0.06		0
MML BLEND-EQUITY	EQUITY	CONSTELLATION BRANDS INC A	\$ 335,952	3,812	0.07		0
MML BLEND-EQUITY	EQUITY	NASDAQ OMX GROUP/THE	\$ 125,322	3,245	0.03		0
MML BLEND-EQUITY	EQUITY	DUN + BRADSTREET CORP	\$ 711,451	6,456	0.15		0
MML BLEND-EQUITY	EQUITY	COACH INC	\$ 134,025	3,920	0.03		0
MML BLEND-EQUITY	EQUITY	DAVITA HEALTHCARE PARTNERS I	\$ 269,754	3,730	0.06		0
MML BLEND-EQUITY	EQUITY	MONSANTO CO	\$ 109,023	874	0.02		0
MML BLEND-EQUITY	EQUITY	EXELON CORP	\$ 1,055,731	28,940	0.23		0
MML BLEND-EQUITY	EQUITY	FLUOR CORP	\$ 223,702	2,909	0.05		0
MML BLEND-EQUITY	EQUITY	AETNA INC	\$ 1,303,523	16,077	0.28		0
MML BLEND-EQUITY	EQUITY	T ROWE PRICE GROUP INC	\$ 414,115	4,906	0.09		0
MML BLEND-EQUITY	EQUITY	JPMORGAN CHASE + CO	\$ 4,478,342	77,722	0.97		0
MML BLEND-EQUITY	EQUITY	US BANCORP	\$ 1,750,215	40,402	0.38		0
MML BLEND-EQUITY	EQUITY	RAYTHEON COMPANY	\$ 900,268	9,759	0.19		0
MML BLEND-EQUITY	EQUITY	PEABODY ENERGY CORP	\$ 872,698	53,376	0.19		0
MML BLEND-EQUITY	EQUITY	FMC TECHNOLOGIES INC	\$ 2,443	40	0.00		0
MML BLEND-EQUITY	EQUITY	ROCKWELL COLLINS INC	\$ 177,222	2,268	0.04		0
MML BLEND-EQUITY	EQUITY	JOY GLOBAL INC	\$ 1,570,290	25,500	0.34		0
MML BLEND-EQUITY	EQUITY	ZIMMER HOLDINGS INC	\$ 479,314	4,615	0.10		0
MML BLEND-EQUITY	EQUITY	AMERISOURCEBERGEN CORP	\$ 182,159	2,507	0.04		0
MML BLEND-EQUITY	EQUITY	CHEVRON CORP	\$ 5,777,882	44,258	1.25		0
MML BLEND-EQUITY	EQUITY	QUANTA SERVICES INC	\$ 159,518	4,613	0.03		0
MML BLEND-EQUITY	EQUITY	PRUDENTIAL FINANCIAL INC	\$ 1,671,273	18,827	0.36		0
MML BLEND-EQUITY	EQUITY	SCRIPPS NETWORKS INTER CL A	\$ 143,780	1,772	0.03		0
MML BLEND-EQUITY	EQUITY	ACE LTD	\$ 1,411,357	13,610	0.31		0
MML BLEND-EQUITY	EQUITY	FRONTIER COMMUNICATIONS CORP	\$ 963,343	164,956	0.21		0
MML BLEND-EQUITY	EQUITY	DISCOVERY COMMUNICATIONS A	\$ 44,568	600	0.01		0
MML BLEND-EQUITY	EQUITY	TRANSOCEAN LTD	\$ 652,935	14,500	0.14		0
MML BLEND-EQUITY	EQUITY	EQT CORP	\$ 331,069	3,097	0.07		0
MML BLEND-EQUITY	EQUITY	MEAD JOHNSON NUTRITION CO	\$ 271,311	2,912	0.06		0
MML BLEND-EQUITY	EQUITY	TIME WARNER CABLE	\$ 1,188,122	8,066	0.26		0
MML BLEND-EQUITY	EQUITY	TIME WARNER INC	\$ 2,171,779	30,915	0.47		0
MML BLEND-EQUITY	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 4,849,215	88,846	1.05		0
MML BLEND-EQUITY	EQUITY	INGERSOLL RAND PLC	\$ 937,650	15,000	0.20		0
MML BLEND-EQUITY	EQUITY	AVAGO TECHNOLOGIES LTD	\$ 209,003	2,900	0.05		0
MML BLEND-EQUITY	EQUITY	CAREFUSION CORP	\$ 265,657	5,990	0.06		0
MML BLEND-EQUITY	EQUITY	ACCENTURE PLC CL A	\$ 129,344	1,600	0.03		0
MML BLEND-EQUITY	EQUITY	MERCK + CO. INC.	\$ 4,065,872	70,283	0.88		0
MML BLEND-EQUITY	EQUITY	DOLLAR GENERAL CORP	\$ 183,552	3,200	0.04		0
MML BLEND-EQUITY	EQUITY	BERKSHIRE HATHAWAY INC CL B	\$ 5,371,966	42,446	1.16		0
MML BLEND-EQUITY	EQUITY	STANLEY BLACK + DECKER INC	\$ 169,405	1,929	0.04		0
MML BLEND-EQUITY	EQUITY	LYONDELLBASELL INDU CL A	\$ 1,796,760	18,400	0.39		0
MML BLEND-EQUITY	EQUITY	E TRADE FINANCIAL CORP	\$ 1,304,535	61,361	0.28		0
MML BLEND-EQUITY	EQUITY	NEXTERA ENERGY INC	\$ 416,069	4,060	0.09		0
MML BLEND-EQUITY	EQUITY	QEP RESOURCES INC	\$ 3,071	89	0.00		0
MML BLEND-EQUITY	EQUITY	GARMIN LTD	\$ 1,376,340	22,600	0.30		0
MML BLEND-EQUITY	EQUITY	XL GROUP PLC	\$ 916,047	27,988	0.20		0
MML BLEND-EQUITY	EQUITY	SEAGATE TECHNOLOGY	\$ 539,790	9,500	0.12		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	COCA COLA ENTERPRISES	\$ 319,075	6,678	0.07	0	
MML BLEND-EQUITY	EQUITY	GENERAL GROWTH PROPERTIES	\$ 334,552	14,200	0.07	0	
MML BLEND-EQUITY	EQUITY	GENERAL MOTORS CO	\$ 693,330	19,100	0.15	0	
MML BLEND-EQUITY	EQUITY	MOTOROLA SOLUTIONS INC	\$ 248,772	3,737	0.05	0	
MML BLEND-EQUITY	EQUITY	O REILLY AUTOMOTIVE INC	\$ 556,166	3,693	0.12	0	
MML BLEND-EQUITY	EQUITY	NIELSEN NV	\$ 222,686	4,600	0.05	0	
MML BLEND-EQUITY	EQUITY	KINDER MORGAN INC	\$ 1,378	38	0.00	0	
MML BLEND-EQUITY	EQUITY	TE CONNECTIVITY LTD	\$ 296,832	4,800	0.06	0	
MML BLEND-EQUITY	EQUITY	COVIDIEN PLC	\$ 306,612	3,400	0.07	0	
MML BLEND-EQUITY	EQUITY	CITIGROUP INC	\$ 3,916,412	83,151	0.85	0	
MML BLEND-EQUITY	EQUITY	MOSAIC CO/THE	\$ 939,550	19,000	0.20	0	
MML BLEND-EQUITY	EQUITY	PROLOGIS INC	\$ 1,561	38	0.00	0	
MML BLEND-EQUITY	EQUITY	MARATHON PETROLEUM CORP	\$ 625,575	8,013	0.14	0	
MML BLEND-EQUITY	EQUITY	RALPH LAUREN CORP	\$ 139,800	870	0.03	0	
MML BLEND-EQUITY	EQUITY	CBRE GROUP INC A	\$ 2,787	87	0.00	0	
MML BLEND-EQUITY	EQUITY	KOHL'S CORP	\$ 923,480	17,530	0.20	0	
MML BLEND-EQUITY	EQUITY	PPG INDUSTRIES INC	\$ 863,506	4,109	0.19	0	
MML BLEND-EQUITY	EQUITY	PITNEY BOWES INC	\$ 1,877,856	67,989	0.41	0	
MML BLEND-EQUITY	EQUITY	QUALCOMM INC	\$ 2,985,840	37,700	0.65	0	
MML BLEND-EQUITY	EQUITY	ROCKWELL AUTOMATION INC	\$ 270,721	2,163	0.06	0	
MML BLEND-EQUITY	EQUITY	SOUTHWEST AIRLINES CO	\$ 1,664,863	61,983	0.36	0	
MML BLEND-EQUITY	EQUITY	SUNTRUST BANKS INC	\$ 1,089,632	27,200	0.24	0	
MML BLEND-EQUITY	EQUITY	TJX COMPANIES INC	\$ 1,042,059	19,606	0.23	0	
MML BLEND-EQUITY	EQUITY	VULCAN MATERIALS CO	\$ 233,644	3,665	0.05	0	
MML BLEND-EQUITY	EQUITY	WALGREEN CO	\$ 337,810	4,557	0.07	0	
MML BLEND-EQUITY	EQUITY	WEYERHAEUSER CO W/D	\$ 20,714	626	0.00	0	
MML BLEND-EQUITY	EQUITY	WILLIAMS COS INC	\$ 2,794	48	0.00	0	
MML BLEND-EQUITY	EQUITY	XILINX INC	\$ 348,012	7,356	0.08	0	
MML BLEND-EQUITY	EQUITY	YAHOO INC	\$ 882,782	25,129	0.19	0	
MML BLEND-EQUITY	EQUITY	ALTERA CORP	\$ 215,025	6,186	0.05	0	
MML BLEND-EQUITY	EQUITY	VERISIGN INC	\$ 2,274,107	46,591	0.49	0	
MML BLEND-EQUITY	EQUITY	HARTFORD FINANCIAL SVCS GRP	\$ 864,883	24,152	0.19	0	
MML BLEND-EQUITY	EQUITY	ELECTRONIC ARTS INC	\$ 1,389,496	38,737	0.30	0	
MML BLEND-EQUITY	EQUITY	FAMILY DOLLAR STORES	\$ 2,315	35	0.00	0	
MML BLEND-EQUITY	EQUITY	AFLAC INC	\$ 900,882	14,472	0.19	0	
MML BLEND-EQUITY	EQUITY	JABIL CIRCUIT INC	\$ 627,982	30,047	0.14	0	
MML BLEND-EQUITY	EQUITY	METLIFE INC	\$ 1,782,920	32,090	0.39	0	
MML BLEND-EQUITY	EQUITY	INTERPUBLIC GROUP OF COS INC	\$ 620,847	31,822	0.13	0	
MML BLEND-EQUITY	EQUITY	FOSSIL GROUP INC	\$ 12,542	120	0.00	0	
MML BLEND-EQUITY	EQUITY	LINEAR TECHNOLOGY CORP	\$ 546,247	11,605	0.12	0	
MML BLEND-EQUITY	EQUITY	CABLEVISION SYSTEMS NY GRP A	\$ 2,460,410	139,400	0.53	0	
MML BLEND-EQUITY	EQUITY	TWENTY FIRST CENTURY FOX A	\$ 1,176,365	33,467	0.25	0	
MML BLEND-EQUITY	EQUITY	WINDSTREAM HOLDINGS INC	\$ 910,902	91,456	0.20	0	
MML BLEND-EQUITY	EQUITY	ACTAVIS PLC	\$ 498,740	2,236	0.11	0	
MML BLEND-EQUITY	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 255,582	1,353	0.06	0	
MML BLEND-EQUITY	EQUITY	ALLEGION PLC	\$ 137,902	2,433	0.03	0	
MML BLEND-EQUITY	EQUITY	NOBLE CORP PLC	\$ 1,241,720	37,000	0.27	0	
MML BLEND-EQUITY	EQUITY	GRAHAM HOLDINGS CO CLASS B	\$ 583,105	812	0.13	0	
MML BLEND-EQUITY	EQUITY	PERRIGO CO PLC	\$ 30,610	210	0.01	0	
MML BLEND-EQUITY	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 266,665	2,140	0.06	0	
MML BLEND-EQUITY	EQUITY	GOOGLE INC CL C	\$ 1,380,672	2,400	0.30	0	
MML BLEND-EQUITY	EQUITY	NAVIENT CORP	\$ 462,072	26,091	0.10	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	PENTAIR PLC	\$ 282,927	3,923	0.06	0	
MML BLEND-EQUITY	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 10,825	10,825	0.00	0	7/1/2014
MML BLEND-EQUITY	EQUITY	FRANKLIN RESOURCES INC	\$ 525,592	9,087	0.11	0	
MML BLEND-EQUITY	EQUITY	GENERAL DYNAMICS CORP	\$ 1,284,614	11,022	0.28	0	
MML BLEND-EQUITY	EQUITY	HASBRO INC	\$ 114,641	2,161	0.02	0	
MML BLEND-EQUITY	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 574,617	6,182	0.12	0	
MML BLEND-EQUITY	EQUITY	MYLAN INC	\$ 631,455	12,247	0.14	0	
MML BLEND-EQUITY	EQUITY	PROCTER + GAMBLE CO/THE	\$ 4,426,896	56,329	0.96	0	
MML BLEND-EQUITY	EQUITY	AES CORP	\$ 1,061,863	68,287	0.23	0	
MML BLEND-EQUITY	EQUITY	ALCOA INC	\$ 543,872	36,526	0.12	0	
MML BLEND-EQUITY	EQUITY	AMGEN INC	\$ 3,181,904	26,881	0.69	0	
MML BLEND-EQUITY	EQUITY	APPLE INC	\$ 14,141,809	152,177	3.06	0	
MML BLEND-EQUITY	EQUITY	BEST BUY CO INC	\$ 2,167,351	69,892	0.47	0	
MML BLEND-EQUITY	EQUITY	BOSTON SCIENTIFIC CORP	\$ 937,369	73,404	0.20	0	
MML BLEND-EQUITY	EQUITY	CVS CAREMARK CORP	\$ 3,132,679	41,564	0.68	0	
MML BLEND-EQUITY	EQUITY	CAPITAL ONE FINANCIAL CORP	\$ 2,291,489	27,742	0.50	0	
MML BLEND-EQUITY	EQUITY	CISCO SYSTEMS INC	\$ 4,792,124	192,842	1.04	0	
MML BLEND-EQUITY	EQUITY	WALT DISNEY CO/THE	\$ 4,210,863	49,112	0.91	0	
MML BLEND-EQUITY	EQUITY	EMC CORP/MA	\$ 1,359,776	51,624	0.29	0	
MML BLEND-EQUITY	EQUITY	EXXON MOBIL CORP	\$ 10,028,433	99,607	2.17	0	
MML BLEND-EQUITY	EQUITY	GAP INC/THE	\$ 228,219	5,490	0.05	0	
MML BLEND-EQUITY	EQUITY	GENERAL ELECTRIC CO	\$ 9,421,012	358,486	2.04	0	
MML BLEND-EQUITY	EQUITY	HEWLETT PACKARD CO	\$ 2,801,300	83,174	0.61	0	
MML BLEND-EQUITY	EQUITY	HOME DEPOT INC	\$ 2,065,047	25,507	0.45	0	
MML BLEND-EQUITY	EQUITY	MCGRAW HILL FINANCIAL INC	\$ 244,772	2,948	0.05	0	
MML BLEND-EQUITY	EQUITY	MEDTRONIC INC	\$ 3,114,548	48,848	0.67	0	
MML BLEND-EQUITY	EQUITY	CAMERON INTERNATIONAL CORP	\$ 183,223	2,706	0.04	0	
MML BLEND-EQUITY	EQUITY	HESS CORP	\$ 1,357,957	13,732	0.29	0	
MML BLEND-EQUITY	EQUITY	MASTERCARD INC CLASS A	\$ 1,102,050	15,000	0.24	0	
MML BLEND-EQUITY	EQUITY	WYNDHAM WORLDWIDE CORP	\$ 1,242,489	16,409	0.27	0	
MML BLEND-EQUITY	EQUITY	WESTERN UNION CO	\$ 754,082	43,488	0.16	0	
MML BLEND-EQUITY	EQUITY	FIRST SOLAR INC	\$ 113,696	1,600	0.02	0	
MML BLEND-EQUITY	EQUITY	SPECTRA ENERGY CORP	\$ 2,719	64	0.00	0	
MML BLEND-EQUITY	EQUITY	INTEGRYS ENERGY GROUP INC	\$ 3,841	54	0.00	0	
MML BLEND-EQUITY	EQUITY	TRAVELERS COS INC/THE	\$ 1,580,094	16,797	0.34	0	
MML BLEND-EQUITY	EQUITY	PEOPLE S UNITED FINANCIAL	\$ 82,692	5,451	0.02	0	
MML BLEND-EQUITY	EQUITY	DELTA AIR LINES INC	\$ 1,994,080	51,500	0.43	0	
MML BLEND-EQUITY	EQUITY	MACY S INC	\$ 1,041,517	17,951	0.23	0	
MML BLEND-EQUITY	EQUITY	DISCOVER FINANCIAL SERVICES	\$ 891,458	14,383	0.19	0	
MML BLEND-EQUITY	EQUITY	BANK OF NEW YORK MELLON CORP	\$ 1,124,662	30,007	0.24	0	
MML BLEND-EQUITY	EQUITY	CME GROUP INC	\$ 240,521	3,390	0.05	0	
MML BLEND-EQUITY	EQUITY	HCP INC	\$ 204,210	4,935	0.04	0	
MML BLEND-EQUITY	EQUITY	TERADATA CORP	\$ 172,297	4,286	0.04	0	
MML BLEND-EQUITY	EQUITY	INVESCO LTD	\$ 302,453	8,012	0.07	0	
MML BLEND-EQUITY	EQUITY	DOLLAR TREE INC	\$ 318,046	5,840	0.07	0	
MML BLEND-EQUITY	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 4,049,915	48,036	0.88	0	
MML BLEND-EQUITY	EQUITY	VISA INC CLASS A SHARES	\$ 1,904,397	9,038	0.41	0	
MML BLEND-EQUITY	EQUITY	NETAPP INC	\$ 985,967	26,998	0.21	0	
MML BLEND-EQUITY	EQUITY	DR PEPPER SNAPPLE GROUP INC	\$ 767,632	13,104	0.17	0	
MML BLEND-EQUITY	EQUITY	PRINCIPAL FINANCIAL GROUP	\$ 884,864	17,529	0.19	0	
MML BLEND-EQUITY	EQUITY	NEWS CORP CLASS A	\$ 993,266	55,366	0.21	0	
MML BLEND-EQUITY	EQUITY	LORILLARD INC	\$ 896,991	14,712	0.19	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	MICROSOFT CORP	\$ 8,706,752	208,795	1.88	0	
MML BLEND-EQUITY	EQUITY	MICRON TECHNOLOGY INC	\$ 765,000	23,217	0.17	0	
MML BLEND-EQUITY	EQUITY	MORGAN STANLEY	\$ 1,512,947	46,797	0.33	0	
MML BLEND-EQUITY	EQUITY	OMNICOM GROUP	\$ 694,181	9,747	0.15	0	
MML BLEND-EQUITY	EQUITY	ORACLE CORP	\$ 6,438,474	158,857	1.39	0	
MML BLEND-EQUITY	EQUITY	PFIZER INC W/D	\$ 8,347,233	281,241	1.81	0	
MML BLEND-EQUITY	EQUITY	PRAXAIR INC	\$ 40,649	306	0.01	0	
MML BLEND-EQUITY	EQUITY	SAFEWAY INC	\$ 1,473,186	42,900	0.32	0	
MML BLEND-EQUITY	EQUITY	WAL MART STORES INC	\$ 744,845	9,922	0.16	0	
MML BLEND-EQUITY	EQUITY	WATERS CORP	\$ 109,662	1,050	0.02	0	
MML BLEND-EQUITY	EQUITY	WELLS FARGO + CO	\$ 6,933,505	131,916	1.50	0	
MML BLEND-EQUITY	EQUITY	BAXTER INTERNATIONAL INC	\$ 727,410	10,061	0.16	0	
MML BLEND-EQUITY	EQUITY	H+R BLOCK INC	\$ 367,480	10,963	0.08	0	
MML BLEND-EQUITY	EQUITY	CHUBB CORP	\$ 739,203	8,020	0.16	0	
MML BLEND-EQUITY	EQUITY	GENUINE PARTS CO	\$ 248,825	2,834	0.05	0	
MML BLEND-EQUITY	EQUITY	INTL FLAVORS + FRAGRANCES	\$ 56,311	540	0.01	0	
MML BLEND-EQUITY	EQUITY	KIMBERLY CLARK CORP	\$ 1,175,039	10,565	0.25	0	
MML BLEND-EQUITY	EQUITY	MASCO CORP	\$ 198,135	8,925	0.04	0	
MML BLEND-EQUITY	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 1,622,313	18,218	0.35	0	
MML BLEND-EQUITY	EQUITY	TORCHMARK CORP	\$ 545,178	6,655	0.12	0	
MML BLEND-EQUITY	EQUITY	ALLEGHENY TECHNOLOGIES INC	\$ 2,030	45	0.00	0	
MML BLEND-EQUITY	EQUITY	BANK OF AMERICA CORP	\$ 2,559,074	166,498	0.55	0	
MML BLEND-EQUITY	EQUITY	EMERSON ELECTRIC CO	\$ 1,019,887	15,369	0.22	0	
MML BLEND-EQUITY	EQUITY	VW GRAINGER INC	\$ 112,387	442	0.02	0	
MML BLEND-EQUITY	EQUITY	HARRIS CORP	\$ 474,953	6,270	0.10	0	
MML BLEND-EQUITY	EQUITY	INTL BUSINESS MACHINES CORP	\$ 4,756,525	26,240	1.03	0	
MML BLEND-EQUITY	EQUITY	PALL CORP	\$ 235,762	2,761	0.05	0	
MML BLEND-EQUITY	CASH	US DOLLAR	\$ (27)	(27)	0.00	0	
MML BLEND-EQUITY	EQUITY	EDWARDS LIFESCIENCES CORP	\$ 503,440	6,200	0.11	0	
MML BLEND-EQUITY	EQUITY	ABBOTT LABORATORIES	\$ 1,379,230	33,722	0.30	0	
MML BLEND-EQUITY	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 1,710,802	35,267	0.37	0	
MML BLEND-EQUITY	EQUITY	DOW CHEMICAL CO/THE	\$ 3,183,985	61,873	0.69	0	
MML BLEND-EQUITY	EQUITY	GANNETT CO	\$ 169,450	5,412	0.04	0	
MML BLEND-EQUITY	EQUITY	ILLINOIS TOOL WORKS	\$ 530,176	6,055	0.11	0	
MML BLEND-EQUITY	EQUITY	LOWE S COS INC	\$ 1,055,540	21,995	0.23	0	
MML BLEND-EQUITY	EQUITY	MARSH + MCLENNAN COS	\$ 301,230	5,813	0.07	0	
MML BLEND-EQUITY	EQUITY	MATTEL INC	\$ 3,507	90	0.00	0	
MML BLEND-EQUITY	EQUITY	NUCOR CORP	\$ 2,758	56	0.00	0	
MML BLEND-EQUITY	EQUITY	SYSCO CORP	\$ 91,153	2,434	0.02	0	
MML BLEND-EQUITY	EQUITY	TEXAS INSTRUMENTS INC	\$ 1,188,728	24,874	0.26	0	
MML BLEND-EQUITY	EQUITY	XYLEM INC	\$ 131,113	3,355	0.03	0	
MML BLEND-EQUITY	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 419,314	6,100	0.09	0	
MML BLEND-EQUITY	EQUITY	TRIPADVISOR INC	\$ 286,536	2,637	0.06	0	
MML BLEND-EQUITY	EQUITY	EXPEDIA INC	\$ 147,045	1,867	0.03	0	
MML BLEND-EQUITY	EQUITY	AMERICAN TOWER CORP	\$ 61,996	689	0.01	0	
MML BLEND-EQUITY	EQUITY	MONSTER BEVERAGE CORP	\$ 333,841	4,700	0.07	0	
MML BLEND-EQUITY	EQUITY	AON PLC	\$ 750,900	8,335	0.16	0	
MML BLEND-EQUITY	EQUITY	EXPRESS SCRIPTS HOLDING CO	\$ 1,268,808	18,301	0.27	0	
MML BLEND-EQUITY	EQUITY	PHILLIPS 66	\$ 2,209,332	27,469	0.48	0	
MML BLEND-EQUITY	EQUITY	ROWAN COMPANIES PLC A	\$ 613,024	19,199	0.13	0	
MML BLEND-EQUITY	EQUITY	FACEBOOK INC A	\$ 1,776,456	26,400	0.38	0	
MML BLEND-EQUITY	EQUITY	ENSCO PLC CL A	\$ 300,078	5,400	0.06	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-EQUITY	EQUITY	DUKE ENERGY CORP	\$ 1,104,689	14,890	0.24	0	
MML BLEND-EQUITY	EQUITY	DIRECTV	\$ 1,541,061	18,128	0.33	0	
MML BLEND-EQUITY	EQUITY	ADT CORP/THE	\$ 104,820	3,000	0.02	0	
MML BLEND-EQUITY	EQUITY	KRAFT FOODS GROUP INC	\$ 710,887	11,858	0.15	0	
MML BLEND-EQUITY	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 2,353,446	62,575	0.51	0	
MML BLEND-EQUITY	EQUITY	TENET HEALTHCARE CORP	\$ 2,300	49	0.00	0	
MML BLEND-EQUITY	EQUITY	EATON CORP PLC	\$ 236,634	3,066	0.05	0	
MML BLEND-EQUITY	EQUITY	ABBVIE INC	\$ 582,574	10,322	0.13	0	
MML BLEND-EQUITY	EQUITY	ZOETIS INC W/I	\$ 3,872	120	0.00	0	
MML BLEND-EQUITY	EQUITY	L BRANDS INC	\$ 17,598	300	0.00	0	
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 205884	\$ 19,749	18,508	0.01	7.5	5/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AT0976	\$ 708,642	720,090	0.25	3	4/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AT4050	\$ 321,506	314,384	0.11	3.5	5/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AR8708	\$ 242,519	237,146	0.09	3.5	4/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AB8756	\$ 752,795	764,957	0.27	3	3/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	STATE GRID OVERSEAS INV	\$ 196,692	200,000	0.07	1.75	5/22/2018
MML BLEND-FIXED INCOME	FIXED INCOME	EATON VANCE CORP	\$ 98,851	97,000	0.04	3.625	6/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	O REILLY AUTOMOTIVE INC	\$ 107,215	105,000	0.04	3.85	6/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	ERAC USA FINANCE LLC	\$ 67,134	65,000	0.02	2.8	11/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	BROADRIDGE FINANCIAL SOL	\$ 115,145	110,000	0.04	3.95	9/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	VALLEY NATIONAL BANCORP	\$ 210,634	200,000	0.07	5.125	9/27/2023
MML BLEND-FIXED INCOME	FIXED INCOME	EDLINC STUDENT LOAN FUNDING TR	\$ 298,436	270,000	0.11	4.392	11/26/2040
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 890564	\$ 757,935	763,392	0.27	3	6/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	GLOBAL SC FINANCE SRL	\$ 254,727	249,542	0.09	3.67	11/17/2028
MML BLEND-FIXED INCOME	FIXED INCOME	TTX CO	\$ 264,019	255,000	0.09	4.15	1/15/2024
MML BLEND-FIXED INCOME	FIXED INCOME	MICRON TECHNOLOGY INC	\$ 686,051	226,000	0.24	2.125	2/15/2033
MML BLEND-FIXED INCOME	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 3,480,713	3,481,000	1.23	0.33	7/10/2014
MML BLEND-FIXED INCOME	OPTIONS	BM1036128 BCM SWAPTION USD PAY	\$ 451,194	17,900,000	0.16	0	4/25/2016
MML BLEND-FIXED INCOME	FIXED INCOME	BM1036219 IRS USD R V 03MLIBOR	\$ 5,385,000	5,385,000	1.91	0.2266	4/29/2024
MML BLEND-FIXED INCOME	FIXED INCOME	BM1036219 IRS USD P F 2.76500	\$ (5,466,989)	(5,385,000)	1.94	2.765	4/29/2024
MML BLEND-FIXED INCOME	FIXED INCOME	METROPOLITAN EDISON CO	\$ 216,940	215,000	0.08	4	4/15/2025
MML BLEND-FIXED INCOME	FIXED INCOME	ARL FIRST LLC	\$ 209,916	210,000	0.07	2.92	6/15/2044
MML BLEND-FIXED INCOME	CASH EQUIVALENT	PEARSON HOLDINGS	\$ 3,999,333	4,000,000	1.42	0.3	7/21/2014
MML BLEND-FIXED INCOME	CASH EQUIVALENT	MICHELIN LUXEMBOURG SCS	\$ 2,455,000	2,455,000	0.87	0.23	7/1/2014
MML BLEND-FIXED INCOME	FIXED INCOME	AVERY POINT CLO LTD	\$ 350,000	350,000	0.12	1	7/17/2026
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 530520	\$ 16,025	13,483	0.01	7.5	3/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 92,689	70,000	0.03	9.375	5/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	FREMONT HOME LOAN TRUST	\$ 113,812	117,548	0.04	0.392	1/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	QWEST CORP	\$ 622,038	550,000	0.22	8.375	5/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 115,921	119,054	0.04	0.602	8/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	NOVA CHEMICALS CORP	\$ 186,900	175,000	0.07	8.625	11/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 207,427	200,000	0.07	3.791	2/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	GSAMP TRUST	\$ 99,755	106,525	0.04	0.582	4/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	CYTEC INDUSTRIES INC	\$ 63,886	65,000	0.02	3.5	4/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	ASHLAND INC	\$ 224,120	208,000	0.08	6.875	5/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL E85089	\$ 35,858	34,145	0.01	6.5	8/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL E85542	\$ 12,479	11,936	0.00	6	10/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 213760	\$ 4,915	4,598	0.00	7.5	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	BRAMBLES USA INC	\$ 101,848	90,000	0.04	5.35	4/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 277,538	250,000	0.10	5.2	6/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AP6609	\$ 473,580	459,508	0.17	3.5	9/1/2042
MML BLEND-FIXED INCOME	FIXED INCOME	RACE POINT CLO LTD	\$ 248,712	250,000	0.09	1.4786	2/20/2025

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 132,878	140,865	0.05	0.552	2/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 154,776	171,237	0.05	0.4826	6/25/2041
MML BLEND-FIXED INCOME	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 266,167	245,000	0.09	6.2	11/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 262,381	235,000	0.09	6.140047	2/15/2051
MML BLEND-FIXED INCOME	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 246,195	220,000	0.09	6.015091	2/10/2051
MML BLEND-FIXED INCOME	FIXED INCOME	DOMTAR CORP	\$ 34,419	30,000	0.01	9.5	8/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	SPECIALTY UNDERWRITING + RESID	\$ 33,623	33,820	0.01	0.492	3/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL 554904	\$ 232	214	0.00	9	3/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	HARTFORD FINL SVCS GRP	\$ 260,150	220,000	0.09	8.125	6/15/2068
MML BLEND-FIXED INCOME	FIXED INCOME	DCP MIDSTREAM LLC	\$ 25,787	20,000	0.01	9.75	3/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	AVON PRODUCTS INC	\$ 145,662	130,000	0.05	6.5	3/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CONAGRA FOODS INC	\$ 234,442	195,000	0.08	7	4/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	TAL ADVANTAGE LLC	\$ 235,895	238,333	0.08	0.343	4/20/2021
MML BLEND-FIXED INCOME	FIXED INCOME	OWENS CORNING	\$ 69,159	55,000	0.02	9	6/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	MERCK SHARP + DOHME CORP	\$ 55,463	45,000	0.02	5.85	6/30/2039
MML BLEND-FIXED INCOME	FIXED INCOME	CYTEC INDUSTRIES INC	\$ 90,658	75,000	0.03	8.95	7/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	TIMKEN CO	\$ 126,280	125,000	0.04	6	9/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	CENTURYLINK INC	\$ 152,600	140,000	0.05	6.15	9/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CABOT CORP	\$ 421,356	390,000	0.15	5	10/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	ARROW ELECTRONICS INC	\$ 246,454	220,000	0.09	6	4/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	VOLVO TREASURY AB	\$ 519,158	500,000	0.18	5.95	4/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	GOAL CAPITAL FUNDING TRUST	\$ 149,123	154,490	0.05	0.6326	6/25/2042
MML BLEND-FIXED INCOME	FIXED INCOME	ICICI BANK LTD/BAHRAIN	\$ 451,858	440,000	0.16	5.5	3/25/2015
MML BLEND-FIXED INCOME	FIXED INCOME	MOTIVA ENTERPRISES LLC	\$ 244,366	215,000	0.09	5.75	1/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	SKANDINAVISKA ENSKILDA	\$ 201,740	200,000	0.07	2.375	3/25/2019
MML BLEND-FIXED INCOME	FIXED INCOME	UNITED AIR 2014 1 A PTT	\$ 131,788	130,000	0.05	4	10/11/2027
MML BLEND-FIXED INCOME	FIXED INCOME	CARLYLE GLOBAL MARKET STRATEGI	\$ 556,187	555,000	0.20	1.7561	4/17/2025
MML BLEND-FIXED INCOME	FIXED INCOME	FREDDIE MAC	\$ 527,823	507,574	0.19	3.5	12/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	BANK OF AMERICA CORP	\$ 367,391	360,000	0.13	4	4/1/2024
MML BLEND-FIXED INCOME	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 500,009	500,000	0.18	1.48645	4/15/2022
MML BLEND-FIXED INCOME	FUTURE	US LONG BOND(CBT) SEP14	\$ -	(1,100,000)	0.00	0	9/19/2014
MML BLEND-FIXED INCOME	FIXED INCOME	BCC FUNDING CORP	\$ 200,073	200,193	0.07	1.794	6/20/2020
MML BLEND-FIXED INCOME	FUTURE	US 5YR NOTE (CBT) SEP14	\$ -	13,100,000	0.00	0	9/30/2014
MML BLEND-FIXED INCOME	FIXED INCOME	US TREASURY N/B	\$ 180,343	180,000	0.06	1.625	4/30/2019
MML BLEND-FIXED INCOME	FIXED INCOME	GLENCORE FUNDING LLC	\$ 147,871	145,000	0.05	3.125	4/29/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CITRIX SYSTEMS INC	\$ 365,269	345,000	0.13	0.5	4/15/2019
MML BLEND-FIXED INCOME	FUTURE	US 2YR NOTE (CBT) SEP14	\$ -	17,800,000	0.00	0	9/30/2014
MML BLEND-FIXED INCOME	FIXED INCOME	US TREASURY N/B	\$ 473,167	470,000	0.17	3.375	5/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	STEELCASE INC	\$ 114,953	100,000	0.04	6.375	2/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 125,862	110,000	0.04	5.471	11/10/2046
MML BLEND-FIXED INCOME	FIXED INCOME	CAJUN GLOBAL LLC	\$ 214,064	206,693	0.08	5.955	2/20/2041
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 150,632	125,000	0.05	6	3/1/2041
MML BLEND-FIXED INCOME	FIXED INCOME	JUNIPER NETWORKS INC	\$ 107,622	100,000	0.04	4.6	3/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	MASTR ASSET BACKED SECURITIES	\$ 272,337	295,000	0.10	0.872	3/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	VULCAN MATERIALS CO	\$ 16,613	15,000	0.01	6.5	12/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	TRIP RAIL MASTER FUNDING LLC	\$ 137,479	130,155	0.05	4.37	7/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	DAIMLER FINANCE NA LLC	\$ 206,643	200,000	0.07	2.625	9/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	BOSTON GAS COMPANY	\$ 102,515	100,000	0.04	4.487	2/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	TALISMAN ENERGY	\$ 135,530	125,000	0.05	5.5	5/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	321 HENDERSON RECEIVABLES LLC	\$ 159,585	167,370	0.06	0.38175	11/15/2040
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AO8629	\$ 1,275,991	1,238,075	0.45	3.5	7/1/2042
MML BLEND-FIXED INCOME	FIXED INCOME	XYLEM INC	\$ 108,753	100,000	0.04	4.875	10/1/2021

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 201,323	190,000	0.07	4.311	8/15/2045
MML BLEND-FIXED INCOME	FIXED INCOME	ING INVESTMENT MANAGEMENT CLO	\$ 250,408	250,000	0.09	1.67645	10/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	FAIRWAY OUTDOOR FUNDING LLC	\$ 429,208	424,627	0.15	4.212	10/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 103,278	102,681	0.04	1.87	8/20/2029
MML BLEND-FIXED INCOME	FIXED INCOME	CA INC	\$ 127,884	125,000	0.05	2.875	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	HORNBECK OFFSHORE SERV	\$ 217,688	180,000	0.08	1.5	9/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	VOYA FINANCIAL INC	\$ 208,588	205,000	0.07	5.65	5/15/2053
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICAN TOWER CORP	\$ 193,539	185,000	0.07	3.4	2/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	QVC INC	\$ 152,370	150,000	0.05	4.375	3/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	DBRR TRUST	\$ 311,597	309,277	0.11	1.636	12/18/2049
MML BLEND-FIXED INCOME	FIXED INCOME	ASHLAND INC	\$ 1,582,875	1,575,000	0.56	4.75	8/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 408,993	325,000	0.14	6.55	9/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	ECOPETROL SA	\$ 42,800	40,000	0.02	4.25	9/18/2018
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 144,380	135,000	0.05	3.65	9/14/2018
MML BLEND-FIXED INCOME	FIXED INCOME	LEIGHTON FINANCE USA PTY	\$ 128,184	120,000	0.05	5.95	11/13/2022
MML BLEND-FIXED INCOME	FIXED INCOME	AAMES MORTGAGE INVESTMENT TRUS	\$ 189,885	200,000	0.07	1.277	6/25/2035
MML BLEND-FIXED INCOME	CASH EQUIVALENT	FMC CORP	\$ 3,827,494	3,828,000	1.36	0.28	7/18/2014
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 783896	\$ 1,051,623	1,010,000	0.37	3.5	5/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	MARTIN MARIETTA MATERIAL	\$ 219,871	220,000	0.08	1	6/30/2017
MML BLEND-FIXED INCOME	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 2,497,757	2,500,000	0.89	0.38	9/24/2014
MML BLEND-FIXED INCOME	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 228,275	230,000	0.08	3.375	7/15/2019
MML BLEND-FIXED INCOME	CASH EQUIVALENT	PLAINS MIDSTREAM	\$ 4,815,930	4,816,000	1.71	0.26	7/3/2014
MML BLEND-FIXED INCOME	CASH EQUIVALENT	VOLVO GROUP TRSY NA	\$ 3,451,409	3,452,000	1.22	0.28	7/23/2014
MML BLEND-FIXED INCOME	CASH EQUIVALENT	PACIFIC GAS & ELEC CO	\$ 4,999,969	5,000,000	1.77	0.22	7/2/2014
MML BLEND-FIXED INCOME	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 17,878	17,878	0.01	0	7/1/2014
MML BLEND-FIXED INCOME	CASH EQUIVALENT	CENTRICA PLC	\$ 2,277,020	2,278,000	0.81	0.43	8/6/2014
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 524317	\$ 6,254	5,285	0.00	7.5	3/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	VENDEE MORTGAGE TRUST	\$ 223,591	199,117	0.08	7.75	5/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 536949	\$ 3,672	3,028	0.00	8	5/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 524874	\$ 779	714	0.00	7.5	2/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 602008	\$ 7,611	6,285	0.00	8	8/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	PANHANDEL PLAINS STUDENT FIN	\$ 287,518	300,000	0.10	1.499	12/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 572844	\$ 31,319	26,840	0.01	7	4/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 350,000	350,000	0.12	2.65	6/17/2030
MML BLEND-FIXED INCOME	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 48,538	50,000	0.02	2.652	6/17/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL G11431	\$ 10,845	10,300	0.00	6	2/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	STRUCTURED ADJUSTABLE RATE MOR	\$ 57,539	57,488	0.02	2.56786	3/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	PROCTER + GAMBLE CO/THE	\$ 56,336	45,000	0.02	5.8	8/15/2034
MML BLEND-FIXED INCOME	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 6,024	6,037	0.00	0.432	8/25/2045
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY MORTGAGE LOAN T	\$ 277	275	0.00	2.37502	2/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 32,786	33,750	0.01	2.7455	6/25/2032
MML BLEND-FIXED INCOME	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 2,699,345	2,700,000	0.96	0.386	7/24/2014
MML BLEND-FIXED INCOME	FIXED INCOME	AERCAP IRELAND CAP LTD/A	\$ 778,388	765,000	0.28	4.5	5/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	MADISON PARK FUNDING LTD	\$ 465,743	465,000	0.17	1.72335	7/20/2026
MML BLEND-FIXED INCOME	CASH EQUIVALENT	NOBLE CORPORATION	\$ 3,674,496	3,675,000	1.30	0.38	7/14/2014
MML BLEND-FIXED INCOME	FIXED INCOME	AIMCO	\$ 359,996	360,000	0.13	1.76335	7/20/2026
MML BLEND-FIXED INCOME	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 460,193	460,000	0.16	1.75771	7/15/2026
MML BLEND-FIXED INCOME	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 245,356	215,000	0.09	6.46125	2/10/2051
MML BLEND-FIXED INCOME	FIXED INCOME	JP MORGAN MORTGAGE ACQUISITION	\$ 126,092	127,100	0.04	0.642	7/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	FEDERAL REALTY INVS TRST	\$ 64,438	55,000	0.02	5.9	4/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	WELLPOINT INC	\$ 153,188	100,000	0.05	2.75	10/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	EATON CORP	\$ 140,173	140,000	0.05	1.5	11/2/2017

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	FIVE CORNERS FUNDING TRS	\$ 226,681	215,000	0.08	4.419	11/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	ING INVESTMENT MANAGEMENT CLO	\$ 260,155	260,000	0.09	1.68585	1/18/2026
MML BLEND-FIXED INCOME	FIXED INCOME	VNO MORTGAGE TRUST	\$ 255,019	240,000	0.09	3.808	12/13/2029
MML BLEND-FIXED INCOME	FIXED INCOME	ENERGY TRANSFER PARTNERS	\$ 229,750	250,000	0.08	3.24285	11/1/2066
MML BLEND-FIXED INCOME	FIXED INCOME	ARCH CAPITAL GRP US INC	\$ 183,939	170,000	0.07	5.144	11/1/2043
MML BLEND-FIXED INCOME	CASH EQUIVALENT	XCEL ENERGY INC	\$ 4,773,029	4,780,000	1.69	0.509	10/14/2014
MML BLEND-FIXED INCOME	FIXED INCOME	PETROLEOS MEXICANOS	\$ 92,900	80,000	0.03	6.375	1/23/2045
MML BLEND-FIXED INCOME	FIXED INCOME	PETROLEOS MEXICANOS	\$ 51,725	50,000	0.02	3.125	1/23/2019
MML BLEND-FIXED INCOME	FIXED INCOME	LEGG MASON INC	\$ 282,612	260,000	0.10	5.625	1/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 106,444	105,000	0.04	3.25	2/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	AMPHENOL CORP	\$ 218,022	215,000	0.08	2.55	1/30/2019
MML BLEND-FIXED INCOME	FIXED INCOME	DBCCRE MORTGAGE TRUST	\$ 174,406	165,000	0.06	4.2382	1/10/2034
MML BLEND-FIXED INCOME	FIXED INCOME	GENERAL MOTORS FINL CO	\$ 172,550	170,000	0.06	2.75	5/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 311,168	310,000	0.11	1.45	2/6/2017
MML BLEND-FIXED INCOME	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 171,359	170,000	0.06	2.55	2/6/2019
MML BLEND-FIXED INCOME	FIXED INCOME	WELLS FARGO + COMPANY	\$ 365,426	345,000	0.13	4.48	1/16/2024
MML BLEND-FIXED INCOME	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 225,541	225,000	0.08	2	2/6/2017
MML BLEND-FIXED INCOME	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 110,417	110,000	0.04	3	2/6/2019
MML BLEND-FIXED INCOME	FIXED INCOME	SAN DIEGO CNTY CA REFL ARPT AU	\$ 964,548	900,000	0.34	5.594	7/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	AFFILIATED MANAGERS GROU	\$ 223,479	216,000	0.08	4.25	2/15/2024
MML BLEND-FIXED INCOME	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 221,118	220,000	0.08	1.4	2/13/2017
MML BLEND-FIXED INCOME	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 351,718	345,000	0.12	2.5	2/13/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CNA FINANCIAL CORP	\$ 185,733	180,000	0.07	3.95	5/15/2024
MML BLEND-FIXED INCOME	FIXED INCOME	COMM MORTGAGE TRUST	\$ 336,041	319,000	0.12	3.961	3/10/2047
MML BLEND-FIXED INCOME	FIXED INCOME	PITNEY BOWES INC	\$ 279,274	270,000	0.10	4.625	3/15/2024
MML BLEND-FIXED INCOME	FIXED INCOME	AIR LEASE CORP	\$ 270,300	265,000	0.10	3.875	4/1/2021
MML BLEND-FIXED INCOME	FIXED INCOME	NAVIENT STUDENT LOAN TRUST	\$ 211,300	220,000	0.07	1.68757	6/25/2048
MML BLEND-FIXED INCOME	FIXED INCOME	ICAHN ENTERPRISES/FIN	\$ 176,969	175,000	0.06	3.5	3/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	TRANSALTA CORP	\$ 230,900	230,000	0.08	1.9	6/3/2017
MML BLEND-FIXED INCOME	FIXED INCOME	PENNSYLVANIA ELEC CO	\$ 295,618	295,000	0.10	4.15	4/15/2025
MML BLEND-FIXED INCOME	CASH EQUIVALENT	BELL CANADA	\$ 4,274,733	4,275,000	1.51	0.254	7/10/2014
MML BLEND-FIXED INCOME	FIXED INCOME	QVC INC	\$ 157,637	155,000	0.06	3.125	4/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	JARDEN CORP	\$ 24,163	20,000	0.01	1.5	6/15/2019
MML BLEND-FIXED INCOME	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 1,990,881	2,000,000	0.71	0.499	6/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	PENSKO TRUCK LEASING/PTL	\$ 290,535	290,000	0.10	2.5	6/15/2019
MML BLEND-FIXED INCOME	CASH EQUIVALENT	WPP CP LLC	\$ 3,996,447	4,000,000	1.42	0.41	9/17/2014
MML BLEND-FIXED INCOME	FIXED INCOME	RYDER SYSTEM INC	\$ 65,799	65,000	0.02	2.55	6/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	GLENCORE FUNDING LLC	\$ 157,420	156,000	0.06	1.7	5/27/2016
MML BLEND-FIXED INCOME	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 140,646	143,118	0.05	0.412	9/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	EMC CORP/MA	\$ 307,630	304,000	0.11	3.375	6/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	AFLAC INC	\$ 239,849	235,000	0.09	3.625	6/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	LIBERTY MUTUAL GROUP INC	\$ 100,537	97,000	0.04	4.25	6/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 166,439	164,667	0.06	4.352	1/25/2043
MML BLEND-FIXED INCOME	FIXED INCOME	HORIZON FUNDING TRUST	\$ 190,378	190,022	0.07	3	5/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	HOWARD HUGHES MEDICAL IN	\$ 154,435	150,000	0.05	3.5	9/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	TSY INFL IX N/B	\$ 2,284,338	2,240,920	0.81	0.375	7/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	TRANSELEC SA	\$ 179,589	175,000	0.06	4.625	7/26/2023
MML BLEND-FIXED INCOME	FIXED INCOME	BAIDU INC	\$ 294,452	285,000	0.10	3.25	8/6/2018
MML BLEND-FIXED INCOME	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 15,181	15,224	0.01	0.402	1/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	KEYCORP STUDENT LOAN TRUST	\$ 243,422	244,174	0.09	0.52785	10/28/2041
MML BLEND-FIXED INCOME	FIXED INCOME	MOTIVA ENTERPRISES LLC	\$ 223,104	170,000	0.08	6.85	1/15/2040
MML BLEND-FIXED INCOME	FIXED INCOME	BRAMBLES USA INC	\$ 255,333	250,000	0.09	3.95	4/1/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	REGIONS FINANCIAL CORP	\$ 271,744	260,000	0.10	5.75	6/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	UNION PACIFIC CORP	\$ 136,258	125,000	0.05	4	2/1/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ARCELORMITTAL	\$ 424,868	414,000	0.15	4.25	8/5/2015
MML BLEND-FIXED INCOME	FIXED INCOME	CHOICE HOTELS INTL INC	\$ 269,063	250,000	0.10	5.7	8/28/2020
MML BLEND-FIXED INCOME	FIXED INCOME	ASCIANO FINANCE	\$ 163,290	160,000	0.06	3.125	9/23/2015
MML BLEND-FIXED INCOME	FIXED INCOME	BROCADE COMMUNICATIONS	\$ 21,100	20,000	0.01	6.875	1/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 116,758	125,000	0.04	0.52645	7/15/2036
MML BLEND-FIXED INCOME	FIXED INCOME	GATX CORP	\$ 261,921	250,000	0.09	3.5	7/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	CMS ENERGY CORP	\$ 442,389	400,000	0.16	5.05	2/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	STRUCTURED ASSET INVESTMENT LO	\$ 94,456	95,307	0.03	0.512	8/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL MA1463	\$ 796,666	779,016	0.28	3.5	6/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	US TREASURY N/B	\$ 639,716	700,000	0.23	2.875	5/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 107,982	110,000	0.04	3	1/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 195,282	195,000	0.07	2	5/20/2016
MML BLEND-FIXED INCOME	FIXED INCOME	CF INDUSTRIES INC	\$ 62,445	63,000	0.02	3.45	6/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	PPL CAPITAL FUNDING INC	\$ 54,959	55,000	0.02	1.9	6/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	GLENCORE FUNDING LLC	\$ 251,359	252,000	0.09	2.5	1/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	COMM MORTGAGE TRUST	\$ 195,455	195,000	0.07	3.703	10/15/2045
MML BLEND-FIXED INCOME	FIXED INCOME	INTERPUBLIC GROUP COS	\$ 203,441	200,000	0.07	2.25	11/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	AIR LEASE CORP	\$ 87,700	80,000	0.03	5.625	4/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	HCP INC	\$ 180,093	180,000	0.06	2.625	2/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 262,072	245,000	0.09	5.625	6/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 293,009	290,000	0.10	1.6	11/23/2015
MML BLEND-FIXED INCOME	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 55,263	54,750	0.02	4.229	1/25/2043
MML BLEND-FIXED INCOME	FIXED INCOME	NIAGARA MOHAWK POWER	\$ 194,196	200,000	0.07	2.721	11/28/2022
MML BLEND-FIXED INCOME	FIXED INCOME	AVNET INC	\$ 130,926	123,000	0.05	4.875	12/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 238,700	220,000	0.08	6.25	11/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 63,009	60,000	0.02	4.883	3/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 95,251	95,000	0.03	1.292	3/10/2017
MML BLEND-FIXED INCOME	FIXED INCOME	PPL CAPITAL FUNDING INC	\$ 204,497	190,000	0.07	5	3/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 95,333	95,000	0.03	2.284	3/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 46,005	45,000	0.02	3.796	3/15/2024
MML BLEND-FIXED INCOME	FIXED INCOME	CF INDUSTRIES INC	\$ 198,365	185,000	0.07	5.375	3/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	AXIS SPECIALTY FINAN PLC	\$ 95,819	95,000	0.03	2.65	4/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CPS AUTO TRUST	\$ 248,680	249,168	0.09	1.21	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 574,162	560,000	0.20	3.25	3/17/2017
MML BLEND-FIXED INCOME	FIXED INCOME	JARDEN CORP	\$ 82,721	81,000	0.03	1.125	3/15/2034
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 118,535	115,000	0.04	2.5	9/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 251,796	225,000	0.09	5.15	9/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 241,382	225,000	0.09	4.7	9/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 222,915	215,000	0.08	3.375	10/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	GENERAL MOTORS CO	\$ 219,838	215,000	0.08	3.5	10/2/2018
MML BLEND-FIXED INCOME	FIXED INCOME	CONAGRA FOODS INC	\$ 93,827	75,000	0.03	6.625	8/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	CONAGRA FOODS INC	\$ 166,240	150,000	0.06	4.95	8/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	FREEMPORT MCMORAN INC	\$ 106,565	105,000	0.04	2.375	3/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	FREEMPORT MCMORAN INC	\$ 160,810	155,000	0.06	5.45	3/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	WM WRIGLEY JR CO	\$ 81,257	80,000	0.03	2.4	10/21/2018
MML BLEND-FIXED INCOME	FIXED INCOME	FLAGSHIP CREDIT AUTO TRUST	\$ 242,673	241,115	0.09	1.94	1/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	SANDISK CORP	\$ 440,344	350,000	0.16	0.5	10/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	EMPRESA NACIONAL DE TELE	\$ 208,268	200,000	0.07	4.875	10/30/2024
MML BLEND-FIXED INCOME	FIXED INCOME	ZOETIS INC	\$ 79,136	80,000	0.03	3.25	2/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GLOBAL CONTAINER ASSET LTD	\$ 268,109	268,912	0.10	2.2	11/5/2028

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	LAZARD GROUP LLC	\$ 492,417	470,000	0.17	4.25	11/14/2020
MML BLEND-FIXED INCOME	FIXED INCOME	WPP FINANCE 2010	\$ 518,888	475,000	0.18	5.625	11/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	SEACOR HOLDINGS INC	\$ 24,563	25,000	0.01	3	11/15/2028
MML BLEND-FIXED INCOME	FIXED INCOME	MICRON TECHNOLOGY INC	\$ 109,491	85,000	0.04	3	11/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	AIR LEASE CORP	\$ 385,781	375,000	0.14	3.375	1/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	NEWELL RUBBERMAID INC	\$ 151,634	150,000	0.05	2.05	12/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CARNIVAL CORP	\$ 125,723	125,000	0.04	1.875	12/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CLIFFS NATURAL RESOURCES	\$ 177,333	175,000	0.06	3.95	1/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	WILLIAMS COMPANIES INC	\$ 96,194	100,000	0.03	3.7	1/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	STRPS 2012 1 LTD	\$ 234,607	236,977	0.08	1.5	12/25/2044
MML BLEND-FIXED INCOME	FIXED INCOME	PHILLIPS 66	\$ 119,807	100,000	0.04	5.875	5/1/2042
MML BLEND-FIXED INCOME	EQUITY	ALLSTATE CORP	\$ 502,600	20,000	0.18	0	
MML BLEND-FIXED INCOME	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 118,465	116,000	0.04	3.625	4/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	US TREASURY N/B	\$ 4,109,334	4,085,000	1.46	2.5	8/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	HILTON GRAND VACATIONS TRUST	\$ 160,610	158,776	0.06	2.28	1/25/2026
MML BLEND-FIXED INCOME	FIXED INCOME	ALLSTATE CORP	\$ 343,698	320,000	0.12	5.75	8/15/2053
MML BLEND-FIXED INCOME	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 138,905	135,000	0.05	2.875	8/9/2018
MML BLEND-FIXED INCOME	FIXED INCOME	ABBVIE INC	\$ 72,810	75,000	0.03	4.4	11/6/2042
MML BLEND-FIXED INCOME	FIXED INCOME	HOSPIRA INC	\$ 164,177	150,000	0.06	5.2	8/12/2020
MML BLEND-FIXED INCOME	FIXED INCOME	VOYA FINANCIAL INC	\$ 143,165	125,000	0.05	5.5	7/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	PROLOGIS LP	\$ 91,697	90,000	0.03	2.75	2/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	DIAMOND RESORTS OWNER TRUST	\$ 347,998	346,839	0.12	2.27	5/20/2026
MML BLEND-FIXED INCOME	FIXED INCOME	XYLEM INC	\$ 210,702	200,000	0.07	3.55	9/20/2016
MML BLEND-FIXED INCOME	FIXED INCOME	EXELIS INC	\$ 334,106	315,000	0.12	4.25	10/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 77,901	75,000	0.03	2.95	3/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	GEORGIA POWER COMPANY	\$ 106,341	106,000	0.04	4.3	3/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	UNITED MEXICAN STATES	\$ 367,200	360,000	0.13	4.75	3/8/2044
MML BLEND-FIXED INCOME	FIXED INCOME	DOMINOS PIZZA MASTER ISSUER LL	\$ 485,216	449,306	0.17	5.216	1/25/2042
MML BLEND-FIXED INCOME	FIXED INCOME	CPS AUTO TRUST	\$ 83,133	81,899	0.03	2.78	6/17/2019
MML BLEND-FIXED INCOME	FIXED INCOME	US TREASURY N/B	\$ 3,255,248	3,640,000	1.15	2.75	8/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	ALTRIA GROUP INC	\$ 187,646	195,000	0.07	2.85	8/9/2022
MML BLEND-FIXED INCOME	FIXED INCOME	ALTRIA GROUP INC	\$ 97,827	105,000	0.03	4.25	8/9/2042
MML BLEND-FIXED INCOME	FIXED INCOME	WELLS FARGO REREMIC TRUST	\$ 147,877	147,817	0.05	1.75	8/20/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ICICI BANK LTD/DUBAI	\$ 417,775	395,000	0.15	4.7	2/21/2018
MML BLEND-FIXED INCOME	FIXED INCOME	SESI LLC	\$ 516,395	458,000	0.18	7.125	12/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 262,055	265,000	0.09	3.25	9/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 637,314	620,000	0.23	2.5	3/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 146,313	145,000	0.05	1.625	10/2/2015
MML BLEND-FIXED INCOME	FIXED INCOME	GENERAL ELECTRIC CO	\$ 266,666	270,000	0.09	4.125	10/9/2042
MML BLEND-FIXED INCOME	FIXED INCOME	REALTY INCOME CORP	\$ 467,198	465,000	0.17	2	1/31/2018
MML BLEND-FIXED INCOME	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 77,535	80,000	0.03	2.75	2/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 51,525	55,000	0.02	3.95	10/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	RPM INTERNATIONAL INC	\$ 243,141	250,000	0.09	3.45	11/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	GLENORE FINANCE CANADA	\$ 227,549	225,000	0.08	2.05	10/23/2015
MML BLEND-FIXED INCOME	FIXED INCOME	RACE POINT CLO LTD	\$ 250,235	250,000	0.09	1.65685	11/8/2024
MML BLEND-FIXED INCOME	FIXED INCOME	KENNAMETAL INC	\$ 149,777	150,000	0.05	2.65	11/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	LEAR CORP	\$ 74,625	75,000	0.03	4.75	1/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FIRSTMERIT CORPORATION	\$ 83,338	80,000	0.03	4.35	2/4/2023
MML BLEND-FIXED INCOME	FIXED INCOME	JOBSONIO BEVERAGE SYS STWD LIQ	\$ 335,514	325,000	0.12	4.532	1/1/2035
MML BLEND-FIXED INCOME	FIXED INCOME	QVC INC	\$ 31,940	30,000	0.01	5.125	7/2/2022
MML BLEND-FIXED INCOME	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 387,600	380,000	0.14	3.875	11/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	PROVINCE OF QUEBEC	\$ 430,609	442,000	0.15	2.625	2/13/2023

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	ARROW ELECTRONICS INC	\$ 109,741	105,000	0.04	4.5	3/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	NATIONAL FUEL GAS CO	\$ 123,483	125,000	0.04	3.75	3/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	DISCOVER BANK	\$ 251,489	250,000	0.09	2	2/21/2018
MML BLEND-FIXED INCOME	FIXED INCOME	SPRINGLEAF FUNDING TRUST	\$ 226,649	225,000	0.08	2.58	9/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	AMPHENOL CORP	\$ 102,973	100,000	0.04	4	2/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	GS MORTGAGE SECURITIES TRUST	\$ 111,426	100,000	0.04	4.948	1/10/2045
MML BLEND-FIXED INCOME	FIXED INCOME	VENTAS REALTY LP/CAP CRP	\$ 106,227	100,000	0.04	4.25	3/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	BANK OF AMERICA CORP	\$ 112,821	95,000	0.04	5.875	2/7/2042
MML BLEND-FIXED INCOME	FIXED INCOME	METHANEX CORP	\$ 22,112	20,000	0.01	5.25	3/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	AVERY DENNISON CORP	\$ 67,379	70,000	0.02	3.35	4/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AT0998	\$ 1,218,570	1,191,573	0.43	3.5	4/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 147,923	145,000	0.05	4.5	4/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC OF TURKEY	\$ 76,140	81,000	0.03	4.875	4/16/2043
MML BLEND-FIXED INCOME	FIXED INCOME	NISOURCE FINANCE CORP	\$ 202,200	200,000	0.07	4.8	2/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL AT2911	\$ 865,512	879,495	0.31	3	4/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	QBE INSURANCE GROUP LTD	\$ 114,810	115,000	0.04	2.4	5/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	JPMORGAN CHASE + CO	\$ 137,413	140,000	0.05	3.375	5/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	ADT CORP	\$ 286,375	290,000	0.10	2.25	7/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	APPLE INC	\$ 105,780	115,000	0.04	3.85	5/4/2043
MML BLEND-FIXED INCOME	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 203,054	200,000	0.07	2.5	3/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	EXPORT IMPORT BK KOREA	\$ 54,640	55,000	0.02	1.75	2/27/2018
MML BLEND-FIXED INCOME	FIXED INCOME	WHIRLPOOL CORP	\$ 111,086	110,000	0.04	3.7	3/1/2023
MML BLEND-FIXED INCOME	FIXED INCOME	WHIRLPOOL CORP	\$ 53,194	50,000	0.02	5.15	3/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 276,750	270,000	0.10	3.875	4/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	DCP MIDSTREAM OPERATING	\$ 40,497	40,000	0.01	3.875	3/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GATX CORP	\$ 96,574	95,000	0.03	3.9	3/30/2023
MML BLEND-FIXED INCOME	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 729,531	725,000	0.26	3.25	3/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 311,100	305,000	0.11	5.2	3/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	CKE RESTAURANTS HOLDINGS INC	\$ 155,170	152,094	0.05	4.474	3/20/2043
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC OF TURKEY	\$ 184,400	200,000	0.07	3.25	3/23/2023
MML BLEND-FIXED INCOME	FIXED INCOME	KFW	\$ 580,669	600,000	0.21	2.125	1/17/2023
MML BLEND-FIXED INCOME	FIXED INCOME	APPLE INC	\$ 226,725	240,000	0.08	2.4	5/3/2023
MML BLEND-FIXED INCOME	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 119,498	119,272	0.04	1.29	10/16/2017
MML BLEND-FIXED INCOME	FIXED INCOME	FOMENTO ECONOMICO MEX	\$ 80,979	85,000	0.03	2.875	5/10/2023
MML BLEND-FIXED INCOME	FIXED INCOME	EXPORT IMPORT BK KOREA	\$ 213,508	200,000	0.08	4	1/11/2017
MML BLEND-FIXED INCOME	FIXED INCOME	PERNOD RICARD SA	\$ 311,978	300,000	0.11	2.95	1/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	JPMORGAN CHASE + CO	\$ 219,148	200,000	0.08	4.5	1/24/2022
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 231,437	200,000	0.08	5.75	1/24/2022
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 119,632	100,000	0.04	5.875	1/30/2042
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY REREMIC TRUST	\$ 18,583	18,513	0.01	2.5	3/23/2051
MML BLEND-FIXED INCOME	FIXED INCOME	DEVON ENERGY CORPORATION	\$ 202,554	175,000	0.07	5.6	7/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	MARSH + MCLENNAN COS INC	\$ 222,134	200,000	0.08	4.8	7/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	CAPITAL ONE FINANCIAL CO	\$ 125,085	125,000	0.04	2.125	7/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	JPMORGAN CHASE + CO	\$ 228,699	195,000	0.08	5.6	7/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	RENTAL CAR FINANCE CORP	\$ 156,071	155,000	0.06	2.51	2/25/2016
MML BLEND-FIXED INCOME	FIXED INCOME	NBCUNIVERSAL MEDIA LLC	\$ 25,641	20,000	0.01	6.4	4/30/2040
MML BLEND-FIXED INCOME	FIXED INCOME	CENTERPOINT ENERGY RESOU	\$ 109,859	100,000	0.04	4.5	1/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	CENTERPOINT ENERGY RESOU	\$ 122,214	100,000	0.04	5.85	1/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	WARNER CHILCOTT CO LLC	\$ 220,771	210,000	0.08	7.75	9/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 926,631	865,000	0.33	5.75	5/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	ICICI BANK LTD/DUBAI	\$ 305,394	290,000	0.11	4.75	11/25/2016
MML BLEND-FIXED INCOME	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 1,196,050	1,175,000	0.42	3.875	1/15/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	EQT CORP	\$ 120,220	110,000	0.04	4.875	11/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	BOSTON PROPERTIES LP	\$ 106,753	100,000	0.04	3.7	11/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	GLENCORE FINANCE CANADA	\$ 226,289	225,000	0.08	2.85	11/10/2014
MML BLEND-FIXED INCOME	FIXED INCOME	CIGNA CORP	\$ 181,740	175,000	0.06	2.75	11/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	SPRINT COMMUNICATIONS	\$ 503,188	415,000	0.18	9	11/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	AMGEN INC	\$ 241,433	225,000	0.09	5.15	11/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 110,267	100,000	0.04	4.75	2/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	NISOURCE FINANCE CORP	\$ 200,493	175,000	0.07	5.8	2/1/2042
MML BLEND-FIXED INCOME	FIXED INCOME	TRANSOCEAN INC	\$ 217,264	200,000	0.08	5.05	12/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	ECOLAB INC	\$ 82,242	75,000	0.03	4.35	12/8/2021
MML BLEND-FIXED INCOME	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 427,000	400,000	0.15	5	5/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	CVS PASS THROUGH TRUST	\$ 349,956	306,299	0.12	5.926	1/10/2034
MML BLEND-FIXED INCOME	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 6,978	6,977	0.00	2.06	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA TBA 30YR	\$ 4,419,336	4,250,000	1.57	3.5	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 105,995	104,190	0.04	2.84	11/20/2028
MML BLEND-FIXED INCOME	FIXED INCOME	WEATHERFORD BERMUDA	\$ 113,409	100,000	0.04	5.95	4/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	WEATHERFORD BERMUDA	\$ 132,907	125,000	0.05	4.5	4/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	KAISER FOUNDATION HOSPIT	\$ 75,677	75,000	0.03	3.5	4/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	GLOBO COMMUNICACOES PART	\$ 288,750	275,000	0.10	4.875	4/11/2022
MML BLEND-FIXED INCOME	FIXED INCOME	ERICSSON LM	\$ 155,911	150,000	0.06	4.125	5/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	TRAFIGURA SECURITISATION FINAN	\$ 318,290	315,000	0.11	2.55175	10/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	ROWAN COMPANIES INC	\$ 348,126	325,000	0.12	4.875	6/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA TBA JULY SINGLE FAMILY	\$ 2,216,500	2,200,000	0.79	3	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA TBA	\$ 8,941,118	9,050,000	3.17	3	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	POST APARTMENT HOMES LP	\$ 48,601	50,000	0.02	3.375	12/1/2022
MML BLEND-FIXED INCOME	FIXED INCOME	CAPITAL AUTOMOTIVE REIT	\$ 239,938	233,355	0.09	4.7	7/15/2042
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA II POOL 082488	\$ 229,435	221,422	0.08	1.625	3/20/2040
MML BLEND-FIXED INCOME	FIXED INCOME	NEW YORK CITY TAX LIEN	\$ 56,088	56,077	0.02	1.23	11/10/2025
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA II SINGLE FAMILY TBA	\$ 3,860,859	3,825,000	1.37	3	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	GATX CORP	\$ 161,767	150,000	0.06	4.75	6/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 250,380	240,000	0.09	3	6/12/2017
MML BLEND-FIXED INCOME	FIXED INCOME	WPP FINANCE 2010	\$ 93,272	85,000	0.03	4.75	11/21/2021
MML BLEND-FIXED INCOME	FIXED INCOME	NEWELL RUBBERMAID INC	\$ 136,721	135,000	0.05	2	6/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	BUNGE LIMITED FINANCE CO	\$ 234,593	225,000	0.08	3.2	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	LG+E AND KU ENERGY LLC	\$ 294,521	275,000	0.10	4.375	10/1/2021
MML BLEND-FIXED INCOME	FIXED INCOME	HEATHROW FUNDING LTD	\$ 203,266	200,000	0.07	2.5	6/25/2017
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICAN TOWER CORP	\$ 359,565	330,000	0.13	4.5	1/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	KINDER MORGAN FIN CO LLC	\$ 163,875	150,000	0.06	6	1/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	CHURCH + DWIGHT CO INC	\$ 155,681	150,000	0.06	3.35	12/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	FIRST HORIZON NATIONAL	\$ 671,742	635,000	0.24	5.375	12/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 250,546	225,000	0.09	4.625	1/7/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ENTERPRISE PRODUCTS OPER	\$ 178,545	150,000	0.06	5.95	2/1/2041
MML BLEND-FIXED INCOME	FIXED INCOME	ENTERPRISE PRODUCTS OPER	\$ 103,883	100,000	0.04	3.2	2/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	O REILLY AUTOMOTIVE INC	\$ 164,054	150,000	0.06	4.875	1/14/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ACE SECURITIES CORP.	\$ 104,390	105,560	0.04	0.422	8/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY	\$ 133,587	115,000	0.05	5.75	1/25/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ILLINOIS ST	\$ 629,274	575,000	0.22	5.365	3/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	MCKESSON CORP	\$ 167,117	150,000	0.06	4.75	3/1/2021
MML BLEND-FIXED INCOME	FIXED INCOME	JUNIPER NETWORKS INC	\$ 194,093	175,000	0.07	5.95	3/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	COMM MORTGAGE TRUST	\$ 250,172	225,000	0.09	5.65	12/10/2049
MML BLEND-FIXED INCOME	FIXED INCOME	DDR CORP	\$ 65,300	60,000	0.02	4.75	4/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	BANK OF AMERICA CORP	\$ 208,900	200,000	0.07	3.625	3/17/2016

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	WILLIS GROUP HOLDING PLC	\$ 57,508	55,000	0.02	4.125	3/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 125,027	121,862	0.04	3.35	4/20/2026
MML BLEND-FIXED INCOME	FIXED INCOME	ASSOC BANC CORP	\$ 372,789	350,000	0.13	5.125	3/28/2016
MML BLEND-FIXED INCOME	FIXED INCOME	HOME DEPOT INC	\$ 187,992	150,000	0.07	5.95	4/1/2041
MML BLEND-FIXED INCOME	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 248,135	225,000	0.09	5	6/1/2021
MML BLEND-FIXED INCOME	FIXED INCOME	HFG HEALTHCO 4 LLC	\$ 253,847	250,000	0.09	2.4009	6/2/2017
MML BLEND-FIXED INCOME	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 182,016	175,000	0.06	3.24	3/15/2044
MML BLEND-FIXED INCOME	FIXED INCOME	APPLIED MATERIALS INC	\$ 292,196	250,000	0.10	5.85	6/15/2041
MML BLEND-FIXED INCOME	FIXED INCOME	PUGET ENERGY INC	\$ 326,712	271,000	0.12	6.5	12/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 234,829	225,000	0.08	3.386	7/10/2044
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER INC	\$ 30,084	25,000	0.01	6.25	3/29/2041
MML BLEND-FIXED INCOME	FIXED INCOME	BRANDYWINE OPER PARTNERS	\$ 217,818	200,000	0.08	4.95	4/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	ERP OPERATING LP	\$ 82,555	75,000	0.03	4.625	12/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	SESI LLC	\$ 112,088	105,000	0.04	6.375	5/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	MICROSOFT CORP	\$ 83,547	80,000	0.03	3	10/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	PETROLEOS MEXICANOS	\$ 319,913	285,000	0.11	5.5	1/21/2021
MML BLEND-FIXED INCOME	FIXED INCOME	WELLS FARGO COMMERCIAL MORTGAG	\$ 79,081	75,544	0.03	3.349	11/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 103,000	100,000	0.04	6.75	1/27/2041
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 283,539	275,000	0.10	3.875	1/27/2016
MML BLEND-FIXED INCOME	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 250,135	240,000	0.09	5.375	1/27/2021
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 73,194	60,000	0.03	6.25	2/1/2041
MML BLEND-FIXED INCOME	FIXED INCOME	ONEOK PARTNERS LP	\$ 141,714	120,000	0.05	6.125	2/1/2041
MML BLEND-FIXED INCOME	FIXED INCOME	ONEOK PARTNERS LP	\$ 103,897	100,000	0.04	3.25	2/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 125,073	120,000	0.04	3.625	2/7/2016
MML BLEND-FIXED INCOME	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 141,934	125,000	0.05	5.462	2/16/2021
MML BLEND-FIXED INCOME	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 314,099	300,000	0.11	3.992	2/16/2016
MML BLEND-FIXED INCOME	FIXED INCOME	JPMORGAN CHASE + CO	\$ 83,482	80,000	0.03	3.45	3/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER INC	\$ 158,467	135,000	0.06	6.1	7/15/2040
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER INC	\$ 138,412	125,000	0.05	4.7	1/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	ASCIANO FINANCE	\$ 272,218	250,000	0.10	5	4/7/2018
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY	\$ 157,489	150,000	0.06	3.8	4/29/2016
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC SERVICES INC	\$ 149,986	140,000	0.05	3.8	5/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	SONIC CAPITAL LLC	\$ 215,151	201,542	0.08	5.438	5/20/2041
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA TBA JUL 15 SINGLE FAMILY	\$ 3,285,273	3,100,000	1.16	3.5	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	QBE CAP FUNDING III LTD	\$ 215,500	200,000	0.08	7.25	5/24/2041
MML BLEND-FIXED INCOME	FIXED INCOME	NORFOLK SOUTHERN CORP	\$ 119,128	100,000	0.04	6	5/23/2111
MML BLEND-FIXED INCOME	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 195,920	200,000	0.07	1.652	6/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	XEROX CORPORATION	\$ 11,479	10,000	0.00	5.625	12/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	XEROX CORPORATION	\$ 153,454	150,000	0.05	4.25	2/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	INCITEC PIVOT FIN LLC	\$ 124,676	110,000	0.04	6	12/10/2019
MML BLEND-FIXED INCOME	FIXED INCOME	BLACKROCK INC	\$ 102,728	90,000	0.04	5	12/10/2019
MML BLEND-FIXED INCOME	FIXED INCOME	BOSTON SCIENTIFIC CORP	\$ 197,626	170,000	0.07	6	1/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 213,892	210,000	0.08	3.875	1/14/2015
MML BLEND-FIXED INCOME	FIXED INCOME	JPMORGAN CHASE + CO	\$ 56,302	50,000	0.02	4.95	3/25/2020
MML BLEND-FIXED INCOME	FIXED INCOME	SHELL INTERNATIONAL FIN	\$ 89,846	75,000	0.03	5.5	3/25/2040
MML BLEND-FIXED INCOME	FIXED INCOME	21ST CENTURY FOX AMERICA	\$ 130,809	100,000	0.05	6.9	8/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	HARTFORD FINL SVCS GRP	\$ 297,733	290,000	0.11	4	3/30/2015
MML BLEND-FIXED INCOME	FIXED INCOME	LEAR CORP	\$ 263,681	245,000	0.09	8.125	3/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	WAL MART STORES INC	\$ 447,837	370,000	0.16	5.625	4/1/2040
MML BLEND-FIXED INCOME	FIXED INCOME	NOMURA HOME EQUITY LOAN INC	\$ 14,312	14,392	0.01	0.622	5/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	BOSTON PROPERTIES LP	\$ 148,646	140,000	0.05	4.125	5/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 93,891	75,000	0.03	6.2	11/15/2040

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 137,777	125,000	0.05	4.5	11/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	EL PASO PIPELINE PART OP	\$ 130,039	125,000	0.05	4.1	11/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 124,054	122,657	0.04	0.952	4/25/2046
MML BLEND-FIXED INCOME	FIXED INCOME	STRUCTURED RECEIVABLES FINANCE	\$ 158,294	151,412	0.06	3.73	8/15/2036
MML BLEND-FIXED INCOME	FIXED INCOME	CALIFORNIA ST	\$ 529,162	350,000	0.19	7.6	11/1/2040
MML BLEND-FIXED INCOME	FIXED INCOME	WYNN LAS VEGAS LLC/CORP	\$ 463,250	425,000	0.16	7.75	8/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	HEWLETT PACKARD CO	\$ 255,357	250,000	0.09	2.2	12/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	INCITEC PIVOT LTD	\$ 480,964	463,000	0.17	4	12/7/2015
MML BLEND-FIXED INCOME	FIXED INCOME	GLOBO COMMUNICACOES PART	\$ 334,800	320,000	0.12	9.375	7/29/2049
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY	\$ 258,923	250,000	0.09	4	7/24/2015
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC SERVICES INC	\$ 28,487	25,000	0.01	5.25	11/15/2021
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 280,755	245,000	0.10	5.375	8/9/2020
MML BLEND-FIXED INCOME	FIXED INCOME	ARCELORMITTAL	\$ 306,375	285,000	0.11	5.75	8/5/2020
MML BLEND-FIXED INCOME	FIXED INCOME	PROLOGIS LP	\$ 189,518	175,000	0.07	4.5	8/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	DDR CORP	\$ 75,922	60,000	0.03	7.875	9/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	BAKER HUGHES INC	\$ 227,492	200,000	0.08	5.125	9/15/2040
MML BLEND-FIXED INCOME	FIXED INCOME	ROWAN COMPANIES INC	\$ 238,615	220,000	0.08	5	9/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICA MOVIL SAB DE CV	\$ 159,006	135,000	0.06	6.125	3/30/2040
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICA MOVIL SAB DE CV	\$ 144,127	130,000	0.05	5	3/30/2020
MML BLEND-FIXED INCOME	FIXED INCOME	MEDCO HEALTH SOLUTIONS	\$ 255,978	250,000	0.09	2.75	9/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	HEWLETT PACKARD CO	\$ 167,908	165,000	0.06	2.125	9/13/2015
MML BLEND-FIXED INCOME	FIXED INCOME	HARSCO CORP	\$ 1,107,608	1,098,000	0.39	2.7	10/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	SVB FINANCIAL GROUP	\$ 84,875	75,000	0.03	5.375	9/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	ASCIANO FINANCE	\$ 112,098	105,000	0.04	4.625	9/23/2020
MML BLEND-FIXED INCOME	FIXED INCOME	TRANSOCEAN INC	\$ 463,919	440,000	0.16	4.95	11/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	FED REPUBLIC OF BRAZIL	\$ 109,000	100,000	0.04	4.875	1/22/2021
MML BLEND-FIXED INCOME	FIXED INCOME	MYLAN INC	\$ 636,444	575,000	0.23	7.875	7/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 10,365	10,000	0.00	4.75	5/19/2015
MML BLEND-FIXED INCOME	FIXED INCOME	CIGNA CORP	\$ 113,077	100,000	0.04	5.125	6/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	L 3 COMMUNICATIONS CORP	\$ 27,385	25,000	0.01	4.75	7/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	LAKE COUNTRY MORTGAGE LOAN TRU	\$ 125,759	127,686	0.04	0.932	12/25/2032
MML BLEND-FIXED INCOME	FIXED INCOME	INTL GAME TECHNOLOGY	\$ 132,871	125,000	0.05	5.5	6/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	LINCOLN NATIONAL CORP	\$ 103,343	100,000	0.04	4.3	6/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 294,000	350,000	0.10	1.652	1/25/2047
MML BLEND-FIXED INCOME	FIXED INCOME	WILLIAMS PARTNERS LP	\$ 411,721	365,000	0.15	5.25	3/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	LAFARGE SA	\$ 628,500	600,000	0.22	6.2	7/9/2015
MML BLEND-FIXED INCOME	FIXED INCOME	CISCO SYSTEMS INC	\$ 64,039	55,000	0.02	5.5	1/15/2040
MML BLEND-FIXED INCOME	FIXED INCOME	TD AMERITRADE HOLDING CO	\$ 91,401	90,000	0.03	4.15	12/1/2014
MML BLEND-FIXED INCOME	FIXED INCOME	INTERNATIONAL PAPER CO	\$ 148,489	110,000	0.05	7.3	11/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	IBM CORP	\$ 167,723	140,000	0.06	5.6	11/30/2039
MML BLEND-FIXED INCOME	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 88,844	80,000	0.03	6.875	11/10/2039
MML BLEND-FIXED INCOME	FIXED INCOME	REINSURANCE GRP OF AMER	\$ 259,769	220,000	0.09	6.45	11/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	VIRGIN MEDIA FINANCE PLC	\$ 1,031,063	975,000	0.37	8.375	10/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CA INC	\$ 303,545	270,000	0.11	5.375	12/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CNA FINANCIAL CORP	\$ 222,035	180,000	0.08	7.35	11/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CVS CAREMARK CORP	\$ 217,906	175,000	0.08	6.125	9/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	HUTCHISON WHAM INT 09/19	\$ 252,799	220,000	0.09	5.75	9/11/2019
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 393,568	375,000	0.14	4.75	9/17/2015
MML BLEND-FIXED INCOME	FIXED INCOME	TEXTRON INC	\$ 187,341	180,000	0.07	6.2	3/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY	\$ 270,299	235,000	0.10	5.625	9/23/2019
MML BLEND-FIXED INCOME	FIXED INCOME	BAE SYSTEMS HOLDINGS INC	\$ 294,045	255,000	0.10	6.375	6/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA II TBA JUL 30 4.0PCT	\$ 15,280,942	14,275,000	5.42	4	12/1/2099

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	WPP FINANCE (UK)	\$ 436,408	430,000	0.15	8	9/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	DOMTAR CORP	\$ 49,795	40,000	0.02	10.75	6/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA TBA 30YR SINGLE FAMILY JU	\$ 257,383	250,000	0.09	3.5	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	VALSPAR CORP	\$ 149,408	125,000	0.05	7.25	6/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER CABLE INC	\$ 141,769	110,000	0.05	6.75	6/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	ENABLE OKLAHOMA INTRASTR	\$ 591,045	590,000	0.21	6.875	7/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC OF POLAND	\$ 272,550	230,000	0.10	6.375	7/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 135,088	90,000	0.05	8.125	7/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	FIXED MEXICAN STATES	\$ 226,600	200,000	0.08	5.125	1/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	SIMON PROPERTY GROUP LP	\$ 40,890	35,000	0.01	5.65	2/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	NEWFIELD EXPLORATION CO	\$ 212,000	200,000	0.08	6.875	2/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA II POOL 082462	\$ 191,137	180,982	0.07	3.5	1/20/2040
MML BLEND-FIXED INCOME	FIXED INCOME	GATX CORP	\$ 88,048	85,000	0.03	4.75	5/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	VALERO ENERGY CORP	\$ 236,344	200,000	0.08	6.125	2/1/2020
MML BLEND-FIXED INCOME	FIXED INCOME	MONDELEZ INTERNATIONAL	\$ 80,673	63,000	0.03	6.5	2/9/2040
MML BLEND-FIXED INCOME	FIXED INCOME	MONDELEZ INTERNATIONAL	\$ 294,440	280,000	0.10	4.125	2/9/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 254,875	225,000	0.09	5.375	3/15/2020
MML BLEND-FIXED INCOME	FIXED INCOME	BANK OF AMERICA CORP	\$ 180,220	175,000	0.06	4.5	4/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	CALIFORNIA ST	\$ 180,398	120,000	0.06	7.55	4/1/2039
MML BLEND-FIXED INCOME	FIXED INCOME	DOW CHEMICAL CO/THE	\$ 83,542	65,000	0.03	8.55	5/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	ALLSTATE CORP	\$ 22,390	18,000	0.01	7.45	5/16/2019
MML BLEND-FIXED INCOME	FIXED INCOME	ARCELORMITTAL	\$ 582,056	555,000	0.21	9.5	2/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICAN EXPRESS CO	\$ 171,554	135,000	0.06	8.125	5/20/2019
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA TBA JUL 30YR SINGLE FAM	\$ 3,953,738	3,725,000	1.40	4	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	INTEL CORP	\$ 316,213	205,000	0.11	3.25	8/1/2039
MML BLEND-FIXED INCOME	FIXED INCOME	NEXEN ENERGY ULC	\$ 33,832	25,000	0.01	7.5	7/30/2039
MML BLEND-FIXED INCOME	FIXED INCOME	JABIL CIRCUIT INC	\$ 209,281	185,000	0.07	7.75	7/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 189,251	188,000	0.07	6.375	8/12/2014
MML BLEND-FIXED INCOME	FIXED INCOME	DUKE REALTY LP	\$ 282,978	225,000	0.10	8.25	8/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 84,198	83,000	0.03	5.5	10/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	WILLIS NORTH AMERICA INC	\$ 113,837	97,000	0.04	7	9/29/2019
MML BLEND-FIXED INCOME	FIXED INCOME	FED REPUBLIC OF BRAZIL	\$ 327,875	305,000	0.12	5.625	1/7/2041
MML BLEND-FIXED INCOME	FIXED INCOME	RPM INTERNATIONAL INC	\$ 115,115	100,000	0.04	6.125	10/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	HOME EQUITY ASSET TRUST	\$ 75,835	76,286	0.03	0.812	10/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 157,217	123,000	0.06	8.5	5/22/2019
MML BLEND-FIXED INCOME	FIXED INCOME	AFLAC INC	\$ 141,832	110,000	0.05	8.5	5/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	PRINCIPAL FINANCIAL GROU	\$ 154,928	120,000	0.05	8.875	5/15/2019
MML BLEND-FIXED INCOME	FIXED INCOME	ONCOR ELECTRIC DELIVERY	\$ 17,836	15,000	0.01	6.8	9/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	TALISMAN ENERGY	\$ 253,937	205,000	0.09	7.75	6/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	ALLEGHENY TECHNOLOGIES	\$ 223,311	180,000	0.08	9.375	6/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	ONCOR ELECTRIC DELIVERY	\$ 57,718	40,000	0.02	7.5	9/1/2038
MML BLEND-FIXED INCOME	FIXED INCOME	PETROLEOS MEXICANOS	\$ 43,290	37,000	0.02	6.625	6/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	CRH AMERICA INC	\$ 270,463	220,000	0.10	8.125	7/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	E.I. DU PONT DE NEMOURS	\$ 35,050	30,000	0.01	6	7/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	ROGERS COMMUNICATIONS IN	\$ 40,544	30,000	0.01	7.5	8/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	ROGERS COMMUNICATIONS IN	\$ 23,769	20,000	0.01	6.8	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	ACCESS GROUP INC	\$ 145,454	144,325	0.05	1.52875	10/27/2025
MML BLEND-FIXED INCOME	FIXED INCOME	METLIFE INC	\$ 53,790	45,000	0.02	6.817	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	PHILIP MORRIS INTL INC	\$ 44,905	35,000	0.02	6.375	5/16/2038
MML BLEND-FIXED INCOME	FIXED INCOME	STARWOOD HOTELS + RESORT	\$ 47,073	40,000	0.02	6.75	5/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	TYCO ELECTRONICS GROUP S	\$ 231,437	200,000	0.08	6.55	10/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 43,369	45,000	0.02	2.25	12/15/2038

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 290,800	260,000	0.10	5.856	9/12/2049
MML BLEND-FIXED INCOME	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 318,838	260,000	0.11	8.875	6/15/2068
MML BLEND-FIXED INCOME	FIXED INCOME	JOHNSON + JOHNSON	\$ 51,323	40,000	0.02	5.85	7/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA II TBA JUL 30 4.5PCT	\$ 3,495,000	3,200,000	1.24	4.5	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 406,992	360,000	0.14	6.41825	2/10/2051
MML BLEND-FIXED INCOME	FIXED INCOME	JABIL CIRCUIT INC	\$ 113,050	95,000	0.04	8.25	3/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	CONOCOPHILLIPS	\$ 147,521	110,000	0.05	6.5	2/1/2039
MML BLEND-FIXED INCOME	FIXED INCOME	AT+T INC	\$ 30,985	25,000	0.01	6.55	2/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	ROCHE HLDGS INC	\$ 49,342	42,000	0.02	6	3/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER CABLE INC	\$ 57,021	45,000	0.02	8.25	4/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	RIO TINTO FIN USA LTD	\$ 334,318	255,000	0.12	9	5/1/2019
MML BLEND-FIXED INCOME	FIXED INCOME	CALIFORNIA ST	\$ 191,028	175,000	0.07	5.95	4/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 478,131	440,000	0.17	5.447	2/12/2044
MML BLEND-FIXED INCOME	FIXED INCOME	ACCESS GROUP INC	\$ 53,924	54,158	0.02	0.35715	8/25/2026
MML BLEND-FIXED INCOME	FIXED INCOME	EXPEDIA INC	\$ 504,021	425,000	0.18	7.456	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 285,543	255,000	0.10	6.85	11/15/2036
MML BLEND-FIXED INCOME	FIXED INCOME	TEXAS EASTERN TRANSMISSI	\$ 195,364	175,000	0.07	6	9/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	COMCAST CORP	\$ 223,038	175,000	0.08	6.4	5/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	BANK OF AMERICA CORP	\$ 130,503	95,000	0.05	7.75	5/14/2038
MML BLEND-FIXED INCOME	FIXED INCOME	REGIONS BANK	\$ 154,728	130,000	0.05	7.5	5/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	UNITED TECHNOLOGIES CORP	\$ 102,736	80,000	0.04	6.125	7/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	INGERSOLL RAND GL HLD CO	\$ 214,452	180,000	0.08	6.875	8/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 247,569	195,000	0.09	8.75	11/1/2018
MML BLEND-FIXED INCOME	FIXED INCOME	TIME WARNER CABLE INC	\$ 83,361	65,000	0.03	8.75	2/14/2019
MML BLEND-FIXED INCOME	FIXED INCOME	GENERAL ELEC CAP CORP	\$ 349,252	260,000	0.12	6.875	1/10/2039
MML BLEND-FIXED INCOME	FIXED INCOME	CHUBB CORP	\$ 272,256	245,000	0.10	6.375	3/29/2067
MML BLEND-FIXED INCOME	FIXED INCOME	IMPAC SECURED ASSETS CORP.	\$ 238,091	365,789	0.08	0.262	5/25/2037
MML BLEND-FIXED INCOME	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 137,018	150,000	0.05	1.88	6/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 458,267	425,000	0.16	5.513	1/12/2045
MML BLEND-FIXED INCOME	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 275,489	289,387	0.10	0.947	2/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	TRAVELERS COS INC	\$ 161,201	125,000	0.06	6.25	6/15/2037
MML BLEND-FIXED INCOME	FIXED INCOME	MACYS RETAIL HLDGS INC	\$ 129,152	110,000	0.05	7.45	7/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	PROGRESSIVE CORP	\$ 396,050	356,000	0.14	6.7	6/15/2067
MML BLEND-FIXED INCOME	FIXED INCOME	ACCESS GROUP INC	\$ 331,844	358,774	0.12	1.23	7/1/2038
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 208,063	190,000	0.07	6.140047	2/15/2051
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICAN EXPRESS CO	\$ 263,179	230,000	0.09	6.15	8/28/2017
MML BLEND-FIXED INCOME	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 328,726	296,572	0.12	5.948091	2/10/2051
MML BLEND-FIXED INCOME	FIXED INCOME	WISCONSIN PUBLIC SERVICE	\$ 248,150	225,000	0.09	5.65	11/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 189,953	190,000	0.07	2.64	3/15/2028
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 306,118	275,000	0.11	5.7	6/11/2050
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 205,279	180,000	0.07	6.45439	1/11/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 725692	\$ 127,240	120,574	0.05	2.269	10/1/2033
MML BLEND-FIXED INCOME	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 140,186	142,613	0.05	0.4	11/25/2037
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL E85301	\$ 21,311	20,329	0.01	6.5	9/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	AAMES MORTGAGE INVESTMENT TRUS	\$ 359,581	382,562	0.13	1.877	1/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	PITNEY BOWES INC	\$ 21,451	20,000	0.01	4.75	5/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 346,083	365,997	0.12	0.977	6/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 90,127	90,272	0.03	0.43935	5/28/2026
MML BLEND-FIXED INCOME	FIXED INCOME	TRW AUTOMOTIVE INC	\$ 164,938	145,000	0.06	7.25	3/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 591581	\$ 18,734	15,756	0.01	7	8/15/2032
MML BLEND-FIXED INCOME	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 5,665	5,627	0.00	2.533814	7/25/2033
MML BLEND-FIXED INCOME	FIXED INCOME	TRI STATE 2003 SERIES A	\$ 162,723	151,141	0.06	6.04	1/31/2018

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 25,935	26,081	0.01	0.562	12/25/2033
MML BLEND-FIXED INCOME	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 29,910	30,332	0.01	2.65873	2/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	WAMU MORTGAGE PASS THROUGH CER	\$ 129,966	126,742	0.05	1.522693	4/25/2044
MML BLEND-FIXED INCOME	FIXED INCOME	INDYMAC INDX MORTGAGE LOAN TRU	\$ 71,978	84,279	0.03	2.355341	8/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	TENASKA OKLAHOMA	\$ 33,957	33,958	0.01	6.528	12/30/2014
MML BLEND-FIXED INCOME	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 6,346	6,353	0.00	0.342	3/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 243,794	225,000	0.09	5.243	12/11/2038
MML BLEND-FIXED INCOME	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 759,017	763,686	0.27	0.39645	7/15/2036
MML BLEND-FIXED INCOME	FIXED INCOME	ANIXTER INC	\$ 524,663	510,000	0.19	5.95	3/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	FLORIDA POWER + LIGHT CO	\$ 141,148	125,000	0.05	4.95	6/1/2035
MML BLEND-FIXED INCOME	FIXED INCOME	MASCO CORP	\$ 579,667	560,000	0.21	4.8	6/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 9,602	10,302	0.00	2.225027	2/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 135,720	138,122	0.05	0.652	3/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	GSR MORTGAGE LOAN TRUST	\$ 21,592	22,777	0.01	2.544331	8/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	HOME EQUITY ASSET TRUST	\$ 94,720	97,099	0.03	0.322	8/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 362,909	369,403	0.13	0.8845	6/28/2035
MML BLEND-FIXED INCOME	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 195,636	220,000	0.07	0.9145	6/28/2035
MML BLEND-FIXED INCOME	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 75,493	81,948	0.03	0.402	8/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL INC	\$ 236,493	239,592	0.08	0.902	7/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 151,343	154,140	0.05	0.532	8/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 53,736	53,858	0.02	0.3906	12/15/2022
MML BLEND-FIXED INCOME	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 74,458	70,000	0.03	5.81	11/10/2015
MML BLEND-FIXED INCOME	FIXED INCOME	BAYVIEW FINANCIAL ACQUISITION	\$ 223,558	230,000	0.08	0.5995	4/28/2039
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 430,264	400,000	0.15	5.93693	9/11/2038
MML BLEND-FIXED INCOME	FIXED INCOME	GOAL CAPITAL FUNDING TRUST	\$ 195,234	195,928	0.07	0.34715	11/25/2026
MML BLEND-FIXED INCOME	FIXED INCOME	GCCFC COMMERCIAL MORTGAGE TRUS	\$ 232,854	215,000	0.08	6.01461	7/10/2038
MML BLEND-FIXED INCOME	FIXED INCOME	WELLS FARGO BANK NA	\$ 67,555	50,000	0.02	6.6	1/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	METLIFE CAPITAL TRUST IV	\$ 428,663	345,000	0.15	7.875	12/15/2067
MML BLEND-FIXED INCOME	FIXED INCOME	CON WAY INC	\$ 87,456	75,000	0.03	7.25	1/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	SOUTHERN CAL EDISON	\$ 132,699	105,000	0.05	5.95	2/1/2038
MML BLEND-FIXED INCOME	FIXED INCOME	AES CORP/VA	\$ 84,728	79,000	0.03	7.75	10/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	UNITEDHEALTH GROUP INC	\$ 311,421	230,000	0.11	6.875	2/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	RPM INTERNATIONAL INC	\$ 234,580	205,000	0.08	6.5	2/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 888586	\$ 217,320	205,324	0.08	2.342	10/1/2034
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL E85389	\$ 5,234	5,006	0.00	6	9/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WEATHERFORD BERMUDA	\$ 85,337	75,000	0.03	6	3/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 58,334	58,724	0.02	0.642	12/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 93,876	97,205	0.03	0.582	7/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 283,586	295,878	0.10	0.602	7/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 255,036	267,669	0.09	0.582	11/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	CLI FUNDING LLC	\$ 78,468	78,658	0.03	0.334	8/18/2021
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 267,045	283,177	0.09	0.352	11/25/2045
MML BLEND-FIXED INCOME	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 7,036	7,805	0.00	3.01081	9/25/2033
MML BLEND-FIXED INCOME	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 496,875	500,000	0.18	1.651	6/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	ASSET BACKED SECURITIES CORP H	\$ 79,541	80,476	0.03	0.827	2/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	ASSET BACKED FUNDING CERTIFICA	\$ 115,424	116,829	0.04	0.812	6/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 292,926	275,000	0.10	5.646861	3/12/2044
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 337539	\$ 1,228	1,071	0.00	7	7/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 499386	\$ 2,928	2,461	0.00	7.5	9/1/2029
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 530299	\$ 414	349	0.00	7.5	3/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 253265	\$ 4,918	4,150	0.00	7.5	5/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL G00924	\$ 38,258	32,173	0.01	8	3/1/2028

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 253183	\$ 6,772	5,685	0.00	7.5	4/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 252981	\$ 15,333	12,883	0.01	7.5	1/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 522769	\$ 90	75	0.00	7.5	12/1/2029
MML BLEND-FIXED INCOME	FIXED INCOME	CSX CORP	\$ 62,527	50,000	0.02	7.25	5/1/2027
MML BLEND-FIXED INCOME	FIXED INCOME	DEUTSCHE TELEKOM INT FIN	\$ 87,750	60,000	0.03	8.75	6/15/2030
MML BLEND-FIXED INCOME	FIXED INCOME	PITNEY BOWES INC	\$ 132,277	125,000	0.05	4.75	1/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	HSI ASSET SECURITIZATION CORPO	\$ 15,630	15,827	0.01	0.512	7/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 8,975	8,986	0.00	0.602	9/25/2035
MML BLEND-FIXED INCOME	FIXED INCOME	KANSAS GAS + ELECTRIC CO	\$ 193,439	179,985	0.07	5.647	3/29/2021
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 564594	\$ 14,579	12,526	0.01	7	1/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	R.R. DONNELLEY + SONS	\$ 58,853	57,000	0.02	5.5	5/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	AMERIQUEST MORTGAGE SECURITIES	\$ 35,512	35,568	0.01	0.892	11/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL E85346	\$ 9,101	8,682	0.00	6	9/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 305,200	280,000	0.11	7.25	4/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 362651	\$ 24,944	22,020	0.01	7	10/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 363066	\$ 14,978	13,084	0.01	7	8/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 526380	\$ 8,161	6,743	0.00	8	5/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 359587	\$ 764	674	0.00	7	6/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 371967	\$ 1,272	1,106	0.00	7	11/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	MEAD CORP	\$ 309,721	260,000	0.11	7.55	3/1/2047
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL C00470	\$ 30,649	25,747	0.01	8	8/1/2026
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 368814	\$ 5,750	5,043	0.00	7	10/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 354674	\$ 12,218	10,715	0.00	7	10/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 253481	\$ 4,929	4,075	0.00	8	10/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL C01079	\$ 15,052	12,590	0.01	7.5	10/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	BRITISH TELECOM PLC	\$ 87,601	55,000	0.03	9.625	12/15/2030
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 183,156	181,424	0.06	5.61	4/15/2049
MML BLEND-FIXED INCOME	FIXED INCOME	OWENS CORNING	\$ 234,203	210,000	0.08	6.5	12/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	JANUS CAPITAL GROUP INC	\$ 424,478	375,000	0.15	6.7	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	KINDER MORGAN ENER PART	\$ 12,329	10,000	0.00	6.95	1/15/2038
MML BLEND-FIXED INCOME	FIXED INCOME	BERKSHIRE HATHAWAY ENERG	\$ 402,731	330,000	0.14	5.95	5/15/2037
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL C01135	\$ 43,899	36,749	0.02	7.5	2/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 253795	\$ 118,236	101,490	0.04	7	5/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 190317	\$ 1,983	1,643	0.00	8	8/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 596656	\$ 1,935	1,690	0.00	8	8/1/2031
MML BLEND-FIXED INCOME	FIXED INCOME	FED HM LN PC POOL C55867	\$ 112,932	95,808	0.04	7.5	2/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 587994	\$ 15,281	14,695	0.01	6	6/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 313,835	295,000	0.11	5.466	1/15/2045
MML BLEND-FIXED INCOME	FIXED INCOME	TYSON FOODS INC	\$ 240,981	220,000	0.09	6.6	4/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	INTEL CORP	\$ 248,625	200,000	0.09	2.95	12/15/2035
MML BLEND-FIXED INCOME	FIXED INCOME	EMBARQ CORP	\$ 122,394	110,000	0.04	7.082	6/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 102,383	93,000	0.04	6.421	6/20/2016
MML BLEND-FIXED INCOME	FIXED INCOME	MARRIOTT INTERNATIONAL	\$ 175,772	160,000	0.06	6.2	6/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GCCFC COMMERCIAL MORTGAGE TRUS	\$ 519,474	482,650	0.18	6.01461	7/10/2038
MML BLEND-FIXED INCOME	FIXED INCOME	LAFARGE SA	\$ 208,050	190,000	0.07	6.5	7/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	AMERICAN EXPRESS CO	\$ 22,000	20,000	0.01	6.8	9/1/2066
MML BLEND-FIXED INCOME	FIXED INCOME	ANADARKO PETROLEUM CORP	\$ 172,158	135,000	0.06	6.45	9/15/2036
MML BLEND-FIXED INCOME	FIXED INCOME	TIAA SEASONED COMMERCIAL MORTG	\$ 209,629	200,000	0.07	5.564473	8/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	COMM MORTGAGE TRUST	\$ 532,811	476,000	0.19	5.98761	12/10/2049
MML BLEND-FIXED INCOME	FIXED INCOME	LAZARD GROUP LLC	\$ 258,671	228,000	0.09	6.85	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	AT+T INC	\$ 370,821	300,000	0.13	6.5	9/1/2037
MML BLEND-FIXED INCOME	FIXED INCOME	HSBC HOLDINGS PLC	\$ 154,132	125,000	0.05	6.5	9/15/2037

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	PITNEY BOWES INC	\$ 34,778	31,000	0.01	5.75	9/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	BLACKROCK INC	\$ 259,092	225,000	0.09	6.25	9/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 261,509	235,000	0.09	5.694	6/11/2050
MML BLEND-FIXED INCOME	FIXED INCOME	CANADIAN NATL RAILWAY	\$ 159,366	140,000	0.06	5.85	11/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CENTURYLINK INC	\$ 45,169	45,000	0.02	7.6	9/15/2039
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC OF TURKEY	\$ 163,705	145,000	0.06	6.75	4/3/2018
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 90,228	75,000	0.03	6.75	10/1/2037
MML BLEND-FIXED INCOME	FIXED INCOME	EATON VANCE CORP	\$ 18,382	16,000	0.01	6.5	10/2/2017
MML BLEND-FIXED INCOME	FIXED INCOME	DELHAIZE GROUP SA	\$ 236,801	210,000	0.08	6.5	6/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	TRANS CANADA PIPELINES	\$ 158,210	125,000	0.06	6.2	10/15/2037
MML BLEND-FIXED INCOME	FIXED INCOME	PACIFIC GAS + ELECTRIC	\$ 144,717	120,000	0.05	5.8	3/1/2037
MML BLEND-FIXED INCOME	FIXED INCOME	SOUTHERN NATURAL GAS	\$ 281,033	250,000	0.10	5.9	4/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 492,775	460,000	0.17	2.5	5/15/2037
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 810,788	750,000	0.29	5.509	4/15/2047
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 219,703	200,000	0.08	5.591	4/15/2047
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 216,392	200,000	0.08	5.37	12/15/2043
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 500,746	455,000	0.18	5.625	1/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY	\$ 291,923	265,000	0.10	5.45	1/9/2017
MML BLEND-FIXED INCOME	FIXED INCOME	KINDER MORGAN ENER PART	\$ 140,940	120,000	0.05	6.5	2/1/2037
MML BLEND-FIXED INCOME	FIXED INCOME	KINDER MORGAN ENER PART	\$ 145,014	130,000	0.05	6	2/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	CITIGROUP INC	\$ 549,882	500,000	0.19	5.5	2/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	WESTERN UNION CO/THE	\$ 197,585	180,000	0.07	5.93	10/1/2016
MML BLEND-FIXED INCOME	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 326,796	300,000	0.12	5.478	2/12/2044
MML BLEND-FIXED INCOME	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 289,049	265,000	0.10	5.466	6/12/2047
MML BLEND-FIXED INCOME	FIXED INCOME	REPUBLIC OF PERU	\$ 119,368	95,000	0.04	6.55	3/14/2037
MML BLEND-FIXED INCOME	FIXED INCOME	COMMERCIAL METALS CO	\$ 139,219	125,000	0.05	6.5	7/15/2017
MML BLEND-FIXED INCOME	FIXED INCOME	NEVADA POWER CO	\$ 181,615	135,000	0.06	6.65	4/1/2036
MML BLEND-FIXED INCOME	FIXED INCOME	VIACOM INC	\$ 214,151	195,000	0.08	6.25	4/30/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GLENORE FINANCE CANADA	\$ 214,566	195,000	0.08	5.8	11/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 782,393	725,000	0.28	5.429	12/12/2043
MML BLEND-FIXED INCOME	FIXED INCOME	BOARDWALK PIPELINES LLC	\$ 428,659	390,000	0.15	5.875	11/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 341,295	305,000	0.12	6.25	1/23/2017
MML BLEND-FIXED INCOME	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 265,124	283,048	0.09	0.572	5/25/2036
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 379,885	350,000	0.13	5.201	12/11/2038
MML BLEND-FIXED INCOME	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.04	0.303	12/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 292,528	270,000	0.10	5.339	11/15/2048
MML BLEND-FIXED INCOME	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 172,510	155,000	0.06	5.835	9/11/2042
MML BLEND-FIXED INCOME	FIXED INCOME	MCDONALD S CORP	\$ 129,236	100,000	0.05	6.3	10/15/2037
MML BLEND-FIXED INCOME	FUTURE	90DAY EUR FUTR SEP14	\$ -	(32,500,000)	-	0	9/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	VIRGINIA ELEC + POWER CO	\$ 198,304	150,000	0.07	6.35	11/30/2037
MML BLEND-FIXED INCOME	FIXED INCOME	UNITED MEXICAN STATES	\$ 207,200	160,000	0.07	6.75	9/27/2034
MML BLEND-FIXED INCOME	FIXED INCOME	GULF SOUTH PIPELINE	\$ 153,317	150,000	0.05	5.05	2/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	DDR CORP	\$ 404,859	390,000	0.14	5.5	5/1/2015
MML BLEND-FIXED INCOME	FIXED INCOME	ALLSTATE CORP	\$ 178,409	150,000	0.06	5.55	5/9/2035
MML BLEND-FIXED INCOME	FIXED INCOME	BOARDWALK PIPELINES LLC	\$ 190,627	175,000	0.07	5.5	2/1/2017
MML BLEND-FIXED INCOME	FIXED INCOME	TELECOM ITALIA CAPITAL	\$ 45,113	45,000	0.02	6	9/30/2034
MML BLEND-FIXED INCOME	FIXED INCOME	TEVA PHARM FIN CO LLC	\$ 96,729	80,000	0.03	6.15	2/1/2036
MML BLEND-FIXED INCOME	FIXED INCOME	CBS CORP	\$ 282,194	210,000	0.10	7.875	7/30/2030
MML BLEND-FIXED INCOME	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 205,713	150,000	0.07	7.75	12/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	ANHEUSER BUSCH COS LLC	\$ 33,293	25,000	0.01	6.5	2/1/2043
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA TBA JUL 30 SINGLE FAM	\$ 6,579,984	6,075,000	2.33	4.5	12/1/2099
MML BLEND-FIXED INCOME	FIXED INCOME	MARSH + MCLENNAN COS INC	\$ 117,766	100,000	0.04	5.875	8/1/2033

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BLEND-FIXED INCOME	FIXED INCOME	ZIONS BANCORP	\$ 7,389	7,000	0.00	6	9/15/2015
MML BLEND-FIXED INCOME	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.04	0.301	12/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	GOLDMAN SACHS CAPITAL I	\$ 85,680	75,000	0.03	6.345	2/15/2034
MML BLEND-FIXED INCOME	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 42,029	42,294	0.01	0.612	9/25/2034
MML BLEND-FIXED INCOME	FIXED INCOME	ERAC USA FINANCE LLC	\$ 97,626	78,000	0.03	6.7	6/1/2034
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 349496	\$ 3,423	2,983	0.00	7	5/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	GNMA POOL 352021	\$ 10,093	8,784	0.00	7	11/15/2023
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 536999	\$ 166	139	0.00	8	3/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 531196	\$ 1,380	1,155	0.00	7.5	2/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 521006	\$ 1,548	1,298	0.00	7.5	12/1/2029
MML BLEND-FIXED INCOME	FIXED INCOME	FNMA POOL 535351	\$ 6,499	5,385	0.00	8	6/1/2030
MML BLEND-FIXED INCOME	FIXED INCOME	PROVINCE OF QUEBEC	\$ 128,013	90,000	0.05	7.5	9/15/2029
MML BLEND-FIXED INCOME	FIXED INCOME	BURLINGTN NORTH SANTA FE	\$ 241,854	190,000	0.09	6.75	3/15/2029
MML BLEND-FIXED INCOME	CASH	US DOLLAR	\$ 166,081	166,081	0.06	0	
MML BLEND-FIXED INCOME	FIXED INCOME	HIGHWOODS REALTY LP	\$ 312,992	265,000	0.11	7.5	4/15/2018
MML BLEND-FIXED INCOME	FIXED INCOME	PIONEER NATURAL RESOURCE	\$ 262,626	240,000	0.09	5.875	7/15/2016
MML BLEND-FIXED INCOME	FIXED INCOME	WASHINGTON MUTUAL BANK F	\$ 78	775,000	0.00	5.65	8/15/2014
MML BLEND-FIXED INCOME	FIXED INCOME	TRINITY RAIL LEASING L.P.	\$ 115,025	107,338	0.04	5.27	8/14/2027
MML BLEND-SHORT TERM	CASH	US DOLLAR	\$ 11	11	0.00	0	
MML BLEND-SHORT TERM	CASH EQUIVALENT	STATE STREET REPO	\$ 767,218	767,218	54.14	0.01	7/1/2014
MML BLEND-SHORT TERM	CASH EQUIVALENT	TREASURY BILL	\$ 649,982	650,000	45.86	0.01	7/17/2014
MML EQUITY-OPPENHEIMER	EQUITY	NEWELL RUBBERMAID INC	\$ 2,215,165	71,480	0.51	0	
MML EQUITY-OPPENHEIMER	EQUITY	ANADARKO PETROLEUM CORP	\$ 7,922,344	72,370	1.82	0	
MML EQUITY-OPPENHEIMER	EQUITY	PUBLIC STORAGE	\$ 4,259,761	24,860	0.98	0	
MML EQUITY-OPPENHEIMER	EQUITY	CATERPILLAR INC	\$ 4,528,279	41,670	1.04	0	
MML EQUITY-OPPENHEIMER	EQUITY	GOLDMAN SACHS GROUP INC	\$ 8,346,884	49,850	1.92	0	
MML EQUITY-OPPENHEIMER	EQUITY	SCHLUMBERGER LTD	\$ 5,990,681	50,790	1.38	0	
MML EQUITY-OPPENHEIMER	EQUITY	MAXIM INTEGRATED PRODUCTS	\$ 1,798,692	53,200	0.41	0	
MML EQUITY-OPPENHEIMER	EQUITY	QUALCOMM INC	\$ 2,844,072	35,910	0.65	0	
MML EQUITY-OPPENHEIMER	EQUITY	WALGREEN CO	\$ 5,389,251	72,700	1.24	0	
MML EQUITY-OPPENHEIMER	EQUITY	AFLAC INC	\$ 3,205,253	51,490	0.74	0	
MML EQUITY-OPPENHEIMER	EQUITY	ENBRIDGE INC	\$ 5,838,810	123,000	1.34	0	
MML EQUITY-OPPENHEIMER	EQUITY	ROCHE HOLDINGS LTD SPONS ADR	\$ 7,210,836	193,320	1.66	0	
MML EQUITY-OPPENHEIMER	EQUITY	APOLLO EDUCATION GROUP INC	\$ 2,567,813	82,170	0.59	0	
MML EQUITY-OPPENHEIMER	EQUITY	SUN LIFE FINANCIAL INC	\$ 1,799,157	49,010	0.41	0	
MML EQUITY-OPPENHEIMER	EQUITY	CITRIX SYSTEMS INC	\$ 2,101,055	33,590	0.48	0	
MML EQUITY-OPPENHEIMER	EQUITY	ROYAL CARIBBEAN CRUISES LTD	\$ 4,511,384	81,140	1.04	0	
MML EQUITY-OPPENHEIMER	EQUITY	POTASH CORP OF SASKATCHEWAN	\$ 3,385,273	89,180	0.78	0	
MML EQUITY-OPPENHEIMER	EQUITY	EDISON INTERNATIONAL	\$ 7,705,967	132,610	1.77	0	
MML EQUITY-OPPENHEIMER	EQUITY	ALLSTATE CORP	\$ 5,101,594	86,880	1.17	0	
MML EQUITY-OPPENHEIMER	EQUITY	CSX CORP	\$ 3,942,140	127,950	0.91	0	
MML EQUITY-OPPENHEIMER	EQUITY	ENTERGY CORP	\$ 3,680,916	44,840	0.85	0	
MML EQUITY-OPPENHEIMER	EQUITY	KEYCORP	\$ 4,600,503	321,040	1.06	0	
MML EQUITY-OPPENHEIMER	EQUITY	LOUISIANA PACIFIC CORP	\$ 3,082,855	205,250	0.71	0	
MML EQUITY-OPPENHEIMER	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 7,260,046	70,740	1.67	0	
MML EQUITY-OPPENHEIMER	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 5,325,340	45,130	1.23	0	
MML EQUITY-OPPENHEIMER	EQUITY	TIMKEN CO	\$ 1,997,210	29,440	0.46	0	
MML EQUITY-OPPENHEIMER	EQUITY	GILEAD SCIENCES INC	\$ 3,010,462	36,310	0.69	0	
MML EQUITY-OPPENHEIMER	EQUITY	SANDISK CORP	\$ 5,302,955	50,780	1.22	0	
MML EQUITY-OPPENHEIMER	EQUITY	CONAGRA FOODS INC	\$ 1,551,374	52,270	0.36	0	
MML EQUITY-OPPENHEIMER	EQUITY	AMGEN INC	\$ 5,075,706	42,880	1.17	0	
MML EQUITY-OPPENHEIMER	EQUITY	SCHNEIDER ELECT SE UNSP ADR	\$ 2,788,792	148,340	0.64	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY-OPPENHEIMER	EQUITY	DAIMLER AG SPN ADR	\$ 3,627,388	38,750	0.84	0	
MML EQUITY-OPPENHEIMER	EQUITY	HCA HOLDINGS INC	\$ 2,078,731	36,870	0.48	0	
MML EQUITY-OPPENHEIMER	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 18,719	18,719	0.00	0	7/1/2014
MML EQUITY-OPPENHEIMER	EQUITY	EATON CORP PLC	\$ 8,347,017	108,150	1.92	0	
MML EQUITY-OPPENHEIMER	EQUITY	RECKITT BENCKISER SPON ADR	\$ 4,855,550	277,460	1.12	0	
MML EQUITY-OPPENHEIMER	EQUITY	NAVIENT CORP	\$ 1,999,530	112,904	0.46	0	
MML EQUITY-OPPENHEIMER	EQUITY	PENTAIR PLC	\$ 2,274,593	31,539	0.52	0	
MML EQUITY-OPPENHEIMER	CASH EQUIVALENT	STATE STREET REPO	\$ 4,483,342	4,483,342	1.03	0.01	7/1/2014
MML EQUITY-OPPENHEIMER	EQUITY	ORACLE CORP	\$ 7,694,215	189,840	1.77	0	
MML EQUITY-OPPENHEIMER	EQUITY	ZIONS BANCORPORATION	\$ 2,370,184	80,427	0.55	0	
MML EQUITY-OPPENHEIMER	EQUITY	SIEMENS AG SPONS ADR	\$ 2,436,262	18,430	0.56	0	
MML EQUITY-OPPENHEIMER	EQUITY	LORILLARD INC	\$ 7,332,252	120,260	1.69	0	
MML EQUITY-OPPENHEIMER	EQUITY	KRAFT FOODS GROUP INC	\$ 4,181,513	69,750	0.96	0	
MML EQUITY-OPPENHEIMER	EQUITY	METLIFE INC	\$ 6,914,998	124,460	1.59	0	
MML EQUITY-OPPENHEIMER	EQUITY	MGM RESORTS INTERNATIONAL	\$ 3,953,400	149,750	0.91	0	
MML EQUITY-OPPENHEIMER	EQUITY	SCHWAB (CHARLES) CORP	\$ 3,812,480	141,570	0.88	0	
MML EQUITY-OPPENHEIMER	EQUITY	TELEFONICA SA SPON ADR	\$ 1,290,432	75,200	0.30	0	
MML EQUITY-OPPENHEIMER	EQUITY	UNITEDHEALTH GROUP INC	\$ 4,924,620	60,240	1.13	0	
MML EQUITY-OPPENHEIMER	EQUITY	PARKER HANNIFIN CORP	\$ 5,162,851	41,063	1.19	0	
MML EQUITY-OPPENHEIMER	EQUITY	BROADCOM CORP CL A	\$ 2,226,829	59,990	0.51	0	
MML EQUITY-OPPENHEIMER	EQUITY	TEVA PHARMACEUTICAL SP ADR	\$ 3,660,489	69,830	0.84	0	
MML EQUITY-OPPENHEIMER	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 1,471,133	30,140	0.34	0	
MML EQUITY-OPPENHEIMER	EQUITY	NATIONAL OILWELL VARCO INC	\$ 4,291,259	52,110	0.99	0	
MML EQUITY-OPPENHEIMER	EQUITY	VERIZON COMMUNICATIONS INC	\$ 7,461,776	152,499	1.72	0	
MML EQUITY-OPPENHEIMER	EQUITY	US BANCORP	\$ 5,577,883	128,760	1.28	0	
MML EQUITY-OPPENHEIMER	EQUITY	CHICAGO BRIDGE + IRON CO NV	\$ 1,198,956	17,580	0.28	0	
MML EQUITY-OPPENHEIMER	EQUITY	SANOFI ADR	\$ 8,703,397	163,690	2.00	0	
MML EQUITY-OPPENHEIMER	EQUITY	COMCAST CORP CLASS A	\$ 3,848,856	71,700	0.89	0	
MML EQUITY-OPPENHEIMER	EQUITY	CA INC	\$ 2,170,732	75,530	0.50	0	
MML EQUITY-OPPENHEIMER	EQUITY	CINEMARK HOLDINGS INC	\$ 2,374,070	67,140	0.55	0	
MML EQUITY-OPPENHEIMER	EQUITY	DELTA AIR LINES INC	\$ 8,728,262	225,420	2.01	0	
MML EQUITY-OPPENHEIMER	EQUITY	CME GROUP INC	\$ 2,177,456	30,690	0.50	0	
MML EQUITY-OPPENHEIMER	EQUITY	INVESCO LTD	\$ 2,974,323	78,790	0.68	0	
MML EQUITY-OPPENHEIMER	EQUITY	TRANSOCEAN LTD	\$ 1,302,268	28,920	0.30	0	
MML EQUITY-OPPENHEIMER	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 7,490,559	137,240	1.72	0	
MML EQUITY-OPPENHEIMER	EQUITY	SUNCOR ENERGY INC	\$ 14,878,296	349,010	3.43	0	
MML EQUITY-OPPENHEIMER	EQUITY	AVAGO TECHNOLOGIES LTD	\$ 2,087,868	28,970	0.48	0	
MML EQUITY-OPPENHEIMER	EQUITY	MERCK + CO. INC.	\$ 8,221,064	142,110	1.89	0	
MML EQUITY-OPPENHEIMER	EQUITY	LYONDELLBASELL INDU CL A	\$ 3,249,597	33,278	0.75	0	
MML EQUITY-OPPENHEIMER	EQUITY	TE CONNECTIVITY LTD	\$ 5,541,482	89,610	1.28	0	
MML EQUITY-OPPENHEIMER	EQUITY	CITIGROUP INC	\$ 11,464,140	243,400	2.64	0	
MML EQUITY-OPPENHEIMER	EQUITY	AON PLC	\$ 4,579,275	50,830	1.05	0	
MML EQUITY-OPPENHEIMER	EQUITY	PHILLIPS 66	\$ 3,577,526	44,480	0.82	0	
MML EQUITY-OPPENHEIMER	CASH	US DOLLAR	\$ (17)	(17)	0.00	0	
MML EQUITY-OPPENHEIMER	EQUITY	BP PLC SPONS ADR	\$ 5,846,810	110,840	1.35	0	
MML EQUITY-OPPENHEIMER	EQUITY	COSTCO WHOLESALE CORP	\$ 2,671,712	23,200	0.62	0	
MML EQUITY-OPPENHEIMER	EQUITY	INTEL CORP	\$ 5,961,228	192,920	1.37	0	
MML EQUITY-OPPENHEIMER	EQUITY	JOHNSON CONTROLS INC	\$ 6,172,846	123,630	1.42	0	
MML EQUITY-OPPENHEIMER	EQUITY	SYNOPSYS INC	\$ 1,973,609	50,840	0.45	0	
MML EQUITY-OPPENHEIMER	EQUITY	UNITED TECHNOLOGIES CORP	\$ 8,598,716	74,480	1.98	0	
MML EQUITY-OPPENHEIMER	EQUITY	WASTE MANAGEMENT INC	\$ 3,878,986	86,720	0.89	0	
MML EQUITY-OPPENHEIMER	EQUITY	CARDINAL HEALTH INC	\$ 8,508,982	124,110	1.96	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY-OPPENHEIMER	EQUITY	PEPSICO INC	\$ 4,556,340	51,000	1.05	0	
MML EQUITY-OPPENHEIMER	EQUITY	APPLE INC	\$ 9,947,227	107,040	2.29	0	
MML EQUITY-OPPENHEIMER	EQUITY	CAPITAL ONE FINANCIAL CORP	\$ 8,051,848	97,480	1.85	0	
MML EQUITY-OPPENHEIMER	EQUITY	WALT DISNEY CO/THE	\$ 6,081,538	70,930	1.40	0	
MML EQUITY-OPPENHEIMER	EQUITY	EMC CORP/MA	\$ 5,448,956	206,870	1.25	0	
MML EQUITY-OPPENHEIMER	EQUITY	GAP INC/THE	\$ 2,784,359	66,980	0.64	0	
MML EQUITY-OPPENHEIMER	EQUITY	GENERAL ELECTRIC CO	\$ 869,342	33,080	0.20	0	
MML EQUITY-OPPENHEIMER	EQUITY	MICROSOFT CORP	\$ 5,264,625	126,250	1.21	0	
MML EQUITY-OPPENHEIMER	EQUITY	MICRON TECHNOLOGY INC	\$ 2,190,384	66,476	0.50	0	
MML EQUITY-OPPENHEIMER	EQUITY	MORGAN STANLEY	\$ 9,002,289	278,450	2.07	0	
MML EQUITY-OPPENHEIMER	EQUITY	BAXTER INTERNATIONAL INC	\$ 5,114,502	70,740	1.18	0	
MML EQUITY-LOOMIS	EQUITY	NORTHEAST UTILITIES	\$ 4,102,847	86,796	0.98	0	
MML EQUITY-LOOMIS	EQUITY	NORTHROP GRUMMAN CORP	\$ 5,668,907	47,387	1.36	0	
MML EQUITY-LOOMIS	EQUITY	MARATHON OIL CORP	\$ 7,335,460	183,754	1.76	0	
MML EQUITY-LOOMIS	EQUITY	VALERO ENERGY CORP	\$ 2,771,181	55,313	0.66	0	
MML EQUITY-LOOMIS	EQUITY	TEREX CORP	\$ 3,849,878	93,671	0.92	0	
MML EQUITY-LOOMIS	EQUITY	SYMANTEC CORP	\$ 6,140,177	268,130	1.47	0	
MML EQUITY-LOOMIS	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 5,001,825	53,812	1.20	0	
MML EQUITY-LOOMIS	EQUITY	APPLE INC	\$ 4,693,058	50,501	1.12	0	
MML EQUITY-LOOMIS	EQUITY	CVS CAREMARK CORP	\$ 5,605,493	74,373	1.34	0	
MML EQUITY-LOOMIS	EQUITY	LIBERTY GLOBAL PLC A	\$ 3,970,691	89,794	0.95	0	
MML EQUITY-LOOMIS	CASH EQUIVALENT	STATE STREET REPO	\$ 12,878,793	12,878,793	3.08	0.01	7/1/2014
MML EQUITY-LOOMIS	EQUITY	VODAFONE GROUP PLC SP ADR	\$ 4,530,088	135,672	1.09	0	
MML EQUITY-LOOMIS	EQUITY	MOTOROLA SOLUTIONS INC	\$ 5,377,458	80,779	1.29	0	
MML EQUITY-LOOMIS	EQUITY	KNOWLES CORP	\$ 3,682,406	119,792	0.88	0	
MML EQUITY-LOOMIS	EQUITY	METLIFE INC	\$ 6,495,797	116,915	1.56	0	
MML EQUITY-LOOMIS	EQUITY	FOREST LABORATORIES INC	\$ 3,899,907	39,393	0.93	0	
MML EQUITY-LOOMIS	EQUITY	UNITEDHEALTH GROUP INC	\$ 7,113,803	87,019	1.70	0	
MML EQUITY-LOOMIS	EQUITY	TEVA PHARMACEUTICAL SP ADR	\$ 4,079,534	77,824	0.98	0	
MML EQUITY-LOOMIS	EQUITY	SEALED AIR CORP	\$ 5,699,966	166,812	1.37	0	
MML EQUITY-LOOMIS	EQUITY	NATIONAL OILWELL VARCO INC	\$ 6,427,582	78,052	1.54	0	
MML EQUITY-LOOMIS	EQUITY	VERIZON COMMUNICATIONS INC	\$ 5,471,940	111,832	1.31	0	
MML EQUITY-LOOMIS	EQUITY	JPMORGAN CHASE + CO	\$ 10,461,257	181,556	2.51	0	
MML EQUITY-LOOMIS	EQUITY	CHEVRON CORP	\$ 9,160,824	70,171	2.19	0	
MML EQUITY-LOOMIS	EQUITY	NOBLE ENERGY INC	\$ 5,217,163	67,353	1.25	0	
MML EQUITY-LOOMIS	EQUITY	LOWE S COS INC	\$ 5,609,647	116,892	1.34	0	
MML EQUITY-LOOMIS	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 5,607,684	85,692	1.34	0	
MML EQUITY-LOOMIS	EQUITY	ELI LILLY + CO	\$ 7,069,972	113,720	1.69	0	
MML EQUITY-LOOMIS	EQUITY	STATE STREET CORP	\$ 6,904,844	102,659	1.65	0	
MML EQUITY-LOOMIS	EQUITY	PEPSICO INC	\$ 5,185,830	58,046	1.24	0	
MML EQUITY-LOOMIS	EQUITY	DEERE + CO	\$ 3,753,931	41,457	0.90	0	
MML EQUITY-LOOMIS	EQUITY	SCHLUMBERGER LTD	\$ 5,573,255	47,251	1.33	0	
MML EQUITY-LOOMIS	EQUITY	VULCAN MATERIALS CO	\$ 4,837,605	75,884	1.16	0	
MML EQUITY-LOOMIS	EQUITY	WEYERHAEUSER CO W/D	\$ 5,567,955	168,267	1.33	0	
MML EQUITY-LOOMIS	EQUITY	FAMILY DOLLAR STORES	\$ 6,173,045	93,333	1.48	0	
MML EQUITY-LOOMIS	EQUITY	CALPINE CORP	\$ 4,392,945	184,500	1.05	0	
MML EQUITY-LOOMIS	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 5,173,430	61,362	1.24	0	
MML EQUITY-LOOMIS	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 5,263,670	139,954	1.26	0	
MML EQUITY-LOOMIS	EQUITY	EATON CORP PLC	\$ 6,037,714	78,229	1.45	0	
MML EQUITY-LOOMIS	EQUITY	SANOFI ADR	\$ 6,512,900	122,492	1.56	0	
MML EQUITY-LOOMIS	EQUITY	COMCAST CORP CLASS A	\$ 6,133,853	114,267	1.47	0	
MML EQUITY-LOOMIS	EQUITY	AMERIPRISE FINANCIAL INC	\$ 6,642,960	55,358	1.59	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML EQUITY-LOOMIS	EQUITY	VIACOM INC CLASS B	\$ 5,386,193	62,103	1.29		0
MML EQUITY-LOOMIS	EQUITY	HESS CORP	\$ 5,976,417	60,435	1.43		0
MML EQUITY-LOOMIS	EQUITY	LIBERTY INTERACTIVE CORP A	\$ 5,191,259	176,814	1.24		0
MML EQUITY-LOOMIS	EQUITY	TRAVELERS COS INC/THE	\$ 5,138,668	54,626	1.23		0
MML EQUITY-LOOMIS	EQUITY	DISCOVER FINANCIAL SERVICES	\$ 6,343,715	102,351	1.52		0
MML EQUITY-LOOMIS	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 6,461,726	118,390	1.55		0
MML EQUITY-LOOMIS	EQUITY	INGERSOLL RAND PLC	\$ 4,180,481	66,877	1.00		0
MML EQUITY-LOOMIS	EQUITY	MERCK + CO. INC.	\$ 7,260,233	125,501	1.74		0
MML EQUITY-LOOMIS	EQUITY	AOL INC	\$ 4,227,528	106,246	1.01		0
MML EQUITY-LOOMIS	EQUITY	NEXTERA ENERGY INC	\$ 5,010,145	48,889	1.20		0
MML EQUITY-LOOMIS	EQUITY	GENERAL MOTORS CO	\$ 5,308,004	146,226	1.27		0
MML EQUITY-LOOMIS	EQUITY	HCA HOLDINGS INC	\$ 4,606,866	81,711	1.10		0
MML EQUITY-LOOMIS	EQUITY	COVDIEN PLC	\$ 6,963,790	77,221	1.67		0
MML EQUITY-LOOMIS	EQUITY	CITIGROUP INC	\$ 7,208,608	153,049	1.73		0
MML EQUITY-LOOMIS	EQUITY	DIRECTV	\$ 4,141,432	48,717	0.99		0
MML EQUITY-LOOMIS	EQUITY	CONSOL ENERGY INC	\$ 1,977,601	42,926	0.47		0
MML EQUITY-LOOMIS	EQUITY	FIFTH THIRD BANCORP	\$ 5,615,584	263,025	1.35		0
MML EQUITY-LOOMIS	EQUITY	LEGG MASON INC	\$ 4,371,920	85,206	1.05		0
MML EQUITY-LOOMIS	EQUITY	UNUM GROUP	\$ 5,335,278	153,489	1.28		0
MML EQUITY-LOOMIS	EQUITY	AUTONATION INC	\$ 3,406,057	57,072	0.82		0
MML EQUITY-LOOMIS	EQUITY	NORFOLK SOUTHERN CORP	\$ 6,226,927	60,438	1.49		0
MML EQUITY-LOOMIS	EQUITY	EMC CORP/MA	\$ 5,387,004	204,518	1.29		0
MML EQUITY-LOOMIS	EQUITY	EXXON MOBIL CORP	\$ 4,854,186	48,214	1.16		0
MML EQUITY-LOOMIS	EQUITY	MICROSOFT CORP	\$ 7,181,282	172,213	1.72		0
MML EQUITY-LOOMIS	EQUITY	OMNICOM GROUP	\$ 5,618,332	78,887	1.35		0
MML EQUITY-LOOMIS	EQUITY	PFIZER INC W/D	\$ 8,354,564	281,488	2.00		0
MML EQUITY-LOOMIS	EQUITY	WELLS FARGO + CO	\$ 8,961,165	170,494	2.15		0
MML EQUITY-LOOMIS	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 6,686,586	75,088	1.60		0
MML EQUITY-LOOMIS	EQUITY	BANK OF AMERICA CORP	\$ 7,242,528	471,212	1.73		0
MML EQUITY-LOOMIS	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 5,320,286	109,674	1.27		0
MML EQUITY-LOOMIS	EQUITY	ILLINOIS TOOL WORKS	\$ 6,613,407	75,530	1.58		0
MML EQUITY-LOOMIS	EQUITY	CISCO SYSTEMS INC	\$ 4,869,283	195,947	1.17		0
MML SMALL CAP EQUITY FD	EQUITY	HEALTHSOUTH CORP W/D	\$ 1,546,392	43,111	1.37		0
MML SMALL CAP EQUITY FD	EQUITY	AMTRUST FINANCIAL SERVICES	\$ 991,441	23,713	0.88		0
MML SMALL CAP EQUITY FD	EQUITY	AECOM TECHNOLOGY CORP	\$ 967,835	30,057	0.86		0
MML SMALL CAP EQUITY FD	EQUITY	DUPONT FABROS TECHNOLOGY	\$ 1,336,138	49,560	1.19		0
MML SMALL CAP EQUITY FD	EQUITY	MAXIMUS INC	\$ 1,033,771	24,030	0.92		0
MML SMALL CAP EQUITY FD	EQUITY	SEMTECH CORP	\$ 1,490,184	56,986	1.32		0
MML SMALL CAP EQUITY FD	EQUITY	ORBITAL SCIENCES CORP	\$ 1,175,204	39,770	1.04		0
MML SMALL CAP EQUITY FD	EQUITY	PIER 1 IMPORTS INC	\$ 818,887	53,140	0.73		0
MML SMALL CAP EQUITY FD	EQUITY	ENDOLOGIX INC	\$ 658,137	43,270	0.58		0
MML SMALL CAP EQUITY FD	EQUITY	TITAN INTERNATIONAL INC	\$ 548,164	32,590	0.49		0
MML SMALL CAP EQUITY FD	EQUITY	TRIUMPH GROUP INC	\$ 848,313	12,150	0.75		0
MML SMALL CAP EQUITY FD	EQUITY	WASTE CONNECTIONS INC	\$ 1,245,356	25,651	1.11		0
MML SMALL CAP EQUITY FD	EQUITY	CACI INTERNATIONAL INC CL A	\$ 336,306	4,790	0.30		0
MML SMALL CAP EQUITY FD	EQUITY	INTEGRA LIFESCIENCES HOLDING	\$ 958,142	20,360	0.85		0
MML SMALL CAP EQUITY FD	EQUITY	SPECTRANETICS CORP	\$ 876,075	38,290	0.78		0
MML SMALL CAP EQUITY FD	EQUITY	CYTEC INDUSTRIES INC	\$ 921,476	8,741	0.82		0
MML SMALL CAP EQUITY FD	EQUITY	FIRSTMERIT CORP	\$ 1,475,424	74,705	1.31		0
MML SMALL CAP EQUITY FD	EQUITY	MASTEC INC	\$ 780,671	25,330	0.69		0
MML SMALL CAP EQUITY FD	EQUITY	REDWOOD TRUST INC	\$ 2,097,114	107,710	1.86		0
MML SMALL CAP EQUITY FD	EQUITY	WEBSTER FINANCIAL CORP	\$ 1,572,584	49,860	1.40		0

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL CAP EQUITY FD	CASH	US DOLLAR	\$ (196)	(196)	0.00	0	
MML SMALL CAP EQUITY FD	EQUITY	BRINKER INTERNATIONAL INC	\$ 1,659,938	34,120	1.48	0	
MML SMALL CAP EQUITY FD	EQUITY	KORN/FERRY INTERNATIONAL	\$ 2,604,855	88,691	2.32	0	
MML SMALL CAP EQUITY FD	EQUITY	ROBERT HALF INTL INC	\$ 1,575,086	32,993	1.40	0	
MML SMALL CAP EQUITY FD	EQUITY	GLATFELTER	\$ 2,016,811	76,020	1.79	0	
MML SMALL CAP EQUITY FD	EQUITY	SCHULMAN (A.) INC	\$ 891,338	23,032	0.79	0	
MML SMALL CAP EQUITY FD	EQUITY	WABASH NATIONAL CORP	\$ 590,378	41,430	0.52	0	
MML SMALL CAP EQUITY FD	EQUITY	ABM INDUSTRIES INC	\$ 920,018	34,100	0.82	0	
MML SMALL CAP EQUITY FD	EQUITY	MATTHEWS INTL CORP CLASS A	\$ 628,538	15,120	0.56	0	
MML SMALL CAP EQUITY FD	EQUITY	MORPHOSYS AG	\$ 539,724	5,753	0.48	0	
MML SMALL CAP EQUITY FD	EQUITY	BANCORPSOUTH INC	\$ 1,450,613	59,040	1.29	0	
MML SMALL CAP EQUITY FD	EQUITY	PACKAGING CORP OF AMERICA	\$ 670,505	9,379	0.60	0	
MML SMALL CAP EQUITY FD	EQUITY	LASALLE HOTEL PROPERTIES	\$ 2,880,546	81,625	2.56	0	
MML SMALL CAP EQUITY FD	EQUITY	MID AMERICA APARTMENT COMM	\$ 1,189,108	16,278	1.06	0	
MML SMALL CAP EQUITY FD	EQUITY	AAR CORP	\$ 542,822	19,696	0.48	0	
MML SMALL CAP EQUITY FD	EQUITY	RENEWABLE ENERGY GROUP INC	\$ 1,118,084	97,479	0.99	0	
MML SMALL CAP EQUITY FD	EQUITY	GUIDEWIRE SOFTWARE INC	\$ 1,653,642	40,670	1.47	0	
MML SMALL CAP EQUITY FD	EQUITY	PROOFPOINT INC	\$ 981,452	26,200	0.87	0	
MML SMALL CAP EQUITY FD	EQUITY	TRONOX LTD CL A	\$ 1,173,378	43,620	1.04	0	
MML SMALL CAP EQUITY FD	EQUITY	LIFELOCK INC	\$ 1,437,042	102,940	1.28	0	
MML SMALL CAP EQUITY FD	EQUITY	FLEETMatics GROUP PLC	\$ 495,125	15,310	0.44	0	
MML SMALL CAP EQUITY FD	EQUITY	FLAGSTAR BANCORP INC	\$ 941,725	52,029	0.84	0	
MML SMALL CAP EQUITY FD	EQUITY	BOISE CASCADE CO	\$ 1,436,296	50,150	1.28	0	
MML SMALL CAP EQUITY FD	EQUITY	ARATANA THERAPEUTICS INC	\$ 366,211	23,460	0.33	0	
MML SMALL CAP EQUITY FD	EQUITY	POPEYES LOUISIANA KITCHEN IN	\$ 1,153,070	26,380	1.02	0	
MML SMALL CAP EQUITY FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 196	196	0.00	0	7/1/2014
MML SMALL CAP EQUITY FD	EQUITY	VALERO ENERGY PARTNERS LP	\$ 1,588,035	31,565	1.41	0	
MML SMALL CAP EQUITY FD	EQUITY	DUNKIN BRANDS GROUP INC	\$ 640,332	13,978	0.57	0	
MML SMALL CAP EQUITY FD	EQUITY	TALMER BANCORP INC CL A	\$ 593,522	43,040	0.53	0	
MML SMALL CAP EQUITY FD	EQUITY	ACADIA HEALTHCARE CO INC	\$ 934,115	20,530	0.83	0	
MML SMALL CAP EQUITY FD	EQUITY	IMPERVA INC	\$ 432,755	16,530	0.38	0	
MML SMALL CAP EQUITY FD	EQUITY	MATTRESS FIRM HOLDING CORP	\$ 1,605,833	33,630	1.43	0	
MML SMALL CAP EQUITY FD	EQUITY	J2 GLOBAL INC	\$ 1,038,612	20,421	0.92	0	
MML SMALL CAP EQUITY FD	EQUITY	STAG INDUSTRIAL INC	\$ 2,107,598	87,780	1.87	0	
MML SMALL CAP EQUITY FD	EQUITY	SPIRIT AIRLINES INC	\$ 981,485	15,520	0.87	0	
MML SMALL CAP EQUITY FD	EQUITY	CAVIUM INC	\$ 1,747,039	35,180	1.55	0	
MML SMALL CAP EQUITY FD	EQUITY	HORIZON PHARMA INC	\$ 629,968	39,821	0.56	0	
MML SMALL CAP EQUITY FD	EQUITY	XPO LOGISTICS INC	\$ 861,462	30,100	0.77	0	
MML SMALL CAP EQUITY FD	EQUITY	DANA HOLDING CORP	\$ 2,608,276	106,809	2.32	0	
MML SMALL CAP EQUITY FD	EQUITY	INTREPID POTASH INC	\$ 904,705	53,980	0.80	0	
MML SMALL CAP EQUITY FD	EQUITY	SIGNET JEWELERS LTD	\$ 773,024	6,990	0.69	0	
MML SMALL CAP EQUITY FD	EQUITY	CELLDEX THERAPEUTICS INC	\$ 380,419	23,310	0.34	0	
MML SMALL CAP EQUITY FD	EQUITY	WEB.COM GROUP INC	\$ 1,368,149	47,390	1.22	0	
MML SMALL CAP EQUITY FD	EQUITY	STARWOOD PROPERTY TRUST INC	\$ 799,219	33,623	0.71	0	
MML SMALL CAP EQUITY FD	EQUITY	APOLLO COMMERCIAL REAL ESTAT	\$ 1,423,532	86,327	1.27	0	
MML SMALL CAP EQUITY FD	EQUITY	FINISAR CORPORATION	\$ 1,980,609	100,284	1.76	0	
MML SMALL CAP EQUITY FD	EQUITY	UNISYS CORP	\$ 1,150,163	46,490	1.02	0	
MML SMALL CAP EQUITY FD	EQUITY	FORTINET INC	\$ 1,990,673	79,215	1.77	0	
MML SMALL CAP EQUITY FD	EQUITY	ULTRAGENYX PHARMACEUTICAL IN	\$ 321,412	7,160	0.29	0	
MML SMALL CAP EQUITY FD	EQUITY	PAYLOCITY HOLDING CORP	\$ 381,121	17,620	0.34	0	
MML SMALL CAP EQUITY FD	CASH EQUIVALENT	STATE STREET REPO	\$ 2,609,982	2,609,982	2.32	0.01	7/1/2014
MML SMALL CAP EQUITY FD	EQUITY	KB HOME	\$ 1,147,886	61,450	1.02	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL CAP EQUITY FD	EQUITY	FLOWERS FOODS INC	\$ 569,898	27,035	0.51	0	
MML SMALL CAP EQUITY FD	EQUITY	KERYX BIOPHARMACEUTICALS	\$ 878,813	57,140	0.78	0	
MML SMALL CAP EQUITY FD	EQUITY	MB FINANCIAL INC	\$ 1,419,855	52,490	1.26	0	
MML SMALL CAP EQUITY FD	EQUITY	FIRST NIAGARA FINANCIAL GRP	\$ 1,716,361	196,380	1.53	0	
MML SMALL CAP EQUITY FD	EQUITY	HMS HOLDINGS CORP	\$ 1,036,093	50,764	0.92	0	
MML SMALL CAP EQUITY FD	EQUITY	AQUA AMERICA INC	\$ 487,823	18,605	0.43	0	
MML SMALL CAP EQUITY FD	EQUITY	WELLCARE HEALTH PLANS INC	\$ 1,981,700	26,543	1.76	0	
MML SMALL CAP EQUITY FD	EQUITY	TEXAS ROADHOUSE INC	\$ 1,665,040	64,040	1.48	0	
MML SMALL CAP EQUITY FD	EQUITY	PRESTIGE BRANDS HOLDINGS INC	\$ 1,966,671	58,031	1.75	0	
MML SMALL CAP EQUITY FD	EQUITY	KAR AUCTION SERVICES INC	\$ 2,394,074	75,120	2.13	0	
MML SMALL CAP EQUITY FD	EQUITY	TEAM HEALTH HOLDINGS INC	\$ 804,533	16,110	0.72	0	
MML SMALL CAP EQUITY FD	EQUITY	ENERGY XXI BERMUDA	\$ 914,644	38,707	0.81	0	
MML SMALL CAP EQUITY FD	EQUITY	CHATHAM LODGING TRUST	\$ 1,515,042	69,180	1.35	0	
MML SMALL CAP EQUITY FD	EQUITY	ORITANI FINANCIAL CORP	\$ 889,850	57,820	0.79	0	
MML SMALL CAP EQUITY FD	EQUITY	BOOZ ALLEN HAMILTON HOLDINGS	\$ 912,046	42,940	0.81	0	
MML SMALL CAP EQUITY FD	EQUITY	SWIFT TRANSPORTATION CO	\$ 1,115,292	44,205	0.99	0	
MML SMALL CAP EQUITY FD	EQUITY	BANKUNITED INC	\$ 1,748,292	52,219	1.55	0	
MML SMALL CAP EQUITY FD	EQUITY	FLUIDIGM CORP	\$ 296,352	10,080	0.26	0	
MML SMALL CAP EQUITY FD	EQUITY	ACELRX PHARMACEUTICALS INC	\$ 264,245	25,780	0.23	0	
MML SMALL CAP EQUITY FD	EQUITY	CENTURY ALUMINUM COMPANY	\$ 940,486	59,980	0.84	0	
MML SMALL CAP EQUITY FD	EQUITY	MONRO MUFFLER BRAKE INC	\$ 531,049	9,984	0.47	0	
MML SMALL CAP EQUITY FD	EQUITY	DEXCOM INC	\$ 937,523	23,639	0.83	0	
MML SMALL CAP EQUITY FD	EQUITY	GREATBATCH INC	\$ 1,095,755	22,335	0.97	0	
MML SMALL CAP EQUITY FD	EQUITY	ACCO BRANDS CORP	\$ 1,153,608	179,970	1.03	0	
MML SMALL CAP EQUITY FD	EQUITY	WESTERN REFINING INC	\$ 1,064,543	28,350	0.95	0	
MML SMALL CAP EQUITY FD	EQUITY	KAISER ALUMINUM CORP	\$ 1,498,936	20,570	1.33	0	
MML SMALL CAP EQUITY FD	EQUITY	SAIA INC	\$ 1,113,010	25,336	0.99	0	
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 13,138,197	11,988,948	1.22	1.25	7/15/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	TRANSOCEAN INC	\$ 869,849	825,000	0.08	4.95	11/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 9,097,474	6,477,952	0.85	3.625	4/15/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 234,325	231,684	0.02	0.952	4/25/2046
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST HORIZON NATIONAL	\$ 412,566	390,000	0.04	5.375	12/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 15,047,922	13,892,060	1.40	1.125	1/15/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 5,552,293	4,329,800	0.52	2.125	2/15/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 20,057,572	19,544,528	1.86	0.125	4/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 391,840	400,000	0.04	1.652	6/15/2043
MML INFL PROTECTED & INC FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 825,820	800,000	0.08	2.65	6/1/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 15,620,823	14,829,534	1.45	0.625	7/15/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	NEW YORK CITY TAX LIEN	\$ 236,878	237,039	0.02	1.19	11/10/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICREDIT AUTOMOBILE RECEIVA	\$ 417,710	417,496	0.04	0.74	11/8/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	DBRR TRUST	\$ 547,655	543,578	0.05	1.636	12/18/2049
MML INFL PROTECTED & INC FD	FIXED INCOME	HLSS SERVICER ADVANCE RECEIVAB	\$ 1,515,758	1,515,000	0.14	1.2865	9/15/2044
MML INFL PROTECTED & INC FD	FIXED INCOME	LEAF II RECEIVABLES FUNDING LL	\$ 1,900,380	1,900,000	0.18	0.88	11/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 726,598	723,425	0.07	1.64	4/16/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	CFC LLC	\$ 591,657	589,415	0.05	1.75	11/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 348,214	343,956	0.03	1.55175	8/15/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 8,270,393	8,785,878	0.77	0.75	2/15/2042
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 323,623	318,822	0.03	2.78	6/17/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 207,314	203,783	0.02	2.84	11/20/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 21,255,856	20,549,469	1.98	0.125	4/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	OXFORD FINANCE FUNDING TRUST	\$ 608,635	604,854	0.06	3.9	3/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	CHESAPEAKE FUNDING LLC	\$ 480,896	479,295	0.04	0.901	11/7/2023

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	FIXED INCOME	ARI FLEET LEASE TRUST	\$ 197,259	197,031	0.02	0.70175	3/15/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 336,877	333,821	0.03	1.25175	8/15/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	NAVISTAR FINANCIAL CORP OWNER	\$ 796,412	795,911	0.07	1.19	1/18/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.303	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 10,544,573	9,638,690	0.98	2.375	1/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 8,820,308	7,187,877	0.82	2.375	1/15/2027
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 8,008,602	7,154,031	0.74	2.625	7/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 44,157	44,154	0.00	0.42875	1/25/2016
MML INFL PROTECTED & INC FD	FUTURE	90DAY EUR FUTR SEP14	\$ -	(77,500,000)	-	0	9/15/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 5,306,761	4,865,450	0.49	1.625	1/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 8,467,156	7,354,750	0.79	1.75	1/15/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 878,904	800,000	0.08	12	5/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 7,561,075	6,919,905	0.70	1.375	7/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 242,468	242,463	0.02	0.4106	3/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 2,524,632	2,394,612	0.23	2	1/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 903,069	900,106	0.08	1.82	9/15/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 9,968,020	9,778,560	0.93	0.375	7/15/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 9,850,060	8,360,240	0.92	2	1/15/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	BRAZOS TX HGR EDU AUTH	\$ 414,582	414,955	0.04	0.3926	6/27/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 409,373	411,941	0.04	0.45875	7/25/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 1,005,763	1,011,275	0.09	0.33715	8/25/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 2,394,621	2,206,706	0.22	2.5	7/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	CREDIT BASED ASSET SERVICING A	\$ 429,144	431,569	0.04	0.442	7/25/2036
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 845,643	847,600	0.08	0.44875	4/27/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 522,090	557,388	0.05	0.572	5/25/2036
MML INFL PROTECTED & INC FD	CASH	US DOLLAR	\$ 244,223	244,223	0.02	0	
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 7,704,506	5,270,291	0.72	3.875	4/15/2029
MML INFL PROTECTED & INC FD	FIXED INCOME	SMS STUDENT LOAN TRUST	\$ 340,812	344,426	0.03	0.34785	7/28/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 4,878,845	3,378,739	0.45	3.375	4/15/2032
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,541	100,532	0.01	0.4506	12/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 750,000	750,000	0.07	0.45	9/15/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.303	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 83,040	83,564	0.01	0.612	9/25/2034
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 14,747,614	12,173,181	1.37	2.375	1/15/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	321 HENDERSON RECEIVABLES LLC	\$ 493,120	513,454	0.05	0.35175	9/15/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	321 HENDERSON RECEIVABLES LLC	\$ 940,880	978,055	0.09	0.35175	12/15/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 7,317,822	6,497,511	0.68	2.125	1/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 7,097,439	5,625,214	0.66	2.5	1/15/2029
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 7,060,430	6,272,454	0.66	1.875	7/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	PENNSYLVANIA ST HGR EDU ASSIST	\$ 305,643	304,016	0.03	0.82875	4/25/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 8,645,137	7,881,606	0.80	1.375	1/15/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 2,790,665	2,193,460	0.26	2.125	2/15/2040
MML INFL PROTECTED & INC FD	EQUITY	FORWARDS MORGAN STANLEY BOC	\$ (603,122)	(603,122)	0.06	0	
MML INFL PROTECTED & INC FD	EQUITY	FORWARDS BARCLAYS BANK BOC	\$ (311,000)	(311,000)	0.03	0	
MML INFL PROTECTED & INC FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 186,141	188,227	0.02	0.422	8/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	LOUISIANA ST PUBLIC FACS AUTH	\$ 413,971	411,580	0.04	1.12875	4/26/2027
MML INFL PROTECTED & INC FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 130,408	130,401	0.01	2.06	6/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	HFG HEALTHCO 4 LLC	\$ 482,309	475,000	0.04	2.4009	6/2/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 1,329,016	1,305,885	0.12	1.42875	7/27/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	SMS STUDENT LOAN TRUST	\$ 227,189	227,743	0.02	0.41785	10/28/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERIQUEST MORTGAGE SECURITIES	\$ 70,981	71,093	0.01	0.892	11/25/2034
MML INFL PROTECTED & INC FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 1,291,875	1,300,000	0.12	1.651	6/15/2043

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	FIXED INCOME	ASSET BACKED SECURITIES CORP H	\$ 157,034	158,878	0.01	0.827	2/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 346,877	347,660	0.03	0.3906	12/15/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	GLOBAL CONTAINER ASSET LTD	\$ 947,360	950,000	0.09	3.3	11/5/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 320,106	322,192	0.03	0.4081	11/22/2024
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 44,796	44,784	0.00	0.47875	1/25/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 882,753	875,902	0.08	1.52875	10/27/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	OAK HILL CREDIT PARTNERS	\$ 533,043	533,282	0.05	0.47585	5/17/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 369,304	373,427	0.03	0.582	5/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	DDR CORP	\$ 1,087,006	950,000	0.10	9.625	3/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	HOME EQUITY ASSET TRUST	\$ 156,131	157,059	0.01	0.812	10/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	MARRIOTT VACATION CLUB OWNER T	\$ 1,210,412	1,188,041	0.11	4.809	7/20/2031
MML INFL PROTECTED & INC FD	FIXED INCOME	GNMA II POOL 082462	\$ 403,510	382,074	0.04	3.5	1/20/2040
MML INFL PROTECTED & INC FD	FIXED INCOME	NOMURA HOME EQUITY LOAN INC	\$ 46,839	47,101	0.00	0.622	5/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	GLOBAL CONTAINER ASSET LTD	\$ 315,423	316,367	0.03	2.2	11/5/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	NAVITAS EQUIPMENT RECEIVABLES	\$ 971,743	971,400	0.09	1.95	11/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	DIAMOND RESORTS OWNER TRUST	\$ 983,472	980,196	0.09	2.27	5/20/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 21,418,140	20,668,892	1.99	0.625	11/15/2024
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 719,088	717,207	0.07	1.29	5/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	PFS FINANCING CORP	\$ 1,900,651	1,900,000	0.18	0.75175	2/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	ENTERPRISE FLEET FINANCING LLC	\$ 780,611	780,000	0.07	0.87	9/20/2019
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	TESCO TREAS SVCS PLC	\$ 5,497,021	5,500,000	0.51	0.39	8/20/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 125,000	125,000	0.01	0.302	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 700,000	700,000	0.07	0.302	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	PENNSYLVANIA HIGHER EDUCATION	\$ 592,528	600,000	0.06	1.02	4/25/2044
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.305	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 566,902	550,000	0.05	4.78	7/15/2042
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 58,363	58,566	0.01	0.30875	4/27/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	GOAL CAPITAL FUNDING TRUST	\$ 390,468	391,856	0.04	0.34715	11/25/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 22,955	22,954	0.00	0.4306	12/17/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	CLI FUNDING LLC	\$ 3,272,326	3,280,249	0.30	0.334	8/18/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 51,846	51,568	0.00	1.27875	7/25/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 180,232	179,800	0.02	0.72875	10/25/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	STRPS 2012 1 LTD	\$ 2,306,078	2,329,372	0.21	1.5	12/25/2044
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 1,048,083	1,046,635	0.10	0.9	10/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 22,873,454	22,952,364	2.13	0.125	1/15/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	PFS FINANCING CORP	\$ 2,545,051	2,545,000	0.24	0.70175	2/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	SPRINGLEAF FUNDING TRUST	\$ 402,931	400,000	0.04	2.58	9/15/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 5,606,529	6,175,870	0.52	0.625	2/15/2043
MML INFL PROTECTED & INC FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 393,335	392,431	0.04	1.59	11/20/2029
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 22,414,119	21,698,734	2.08	0.125	4/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 220,252	219,835	0.02	1.29	10/16/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	CARNOW AUTO RECEIVABLES TRUST	\$ 303,011	303,035	0.03	1.16	10/16/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	RENTAL CAR FINANCE CORP	\$ 302,072	300,000	0.03	2.51	2/25/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 17,933,222	17,814,913	1.67	0.125	1/15/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 483,152	470,000	0.04	2.94	12/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 17,969,617	17,848,302	1.67	0.125	7/15/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	WELLS FARGO REREMIC TRUST	\$ 526,530	526,319	0.05	1.75	8/20/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 458,978	455,632	0.04	1.82	12/16/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	CREDIT ACCEPTANCE AUTO LOAN TR	\$ 1,064,064	1,060,000	0.10	1.52	3/16/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 513,920	513,137	0.05	1.3	6/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	ENTERPRISE FLEET FINANCING LLC	\$ 306,680	306,303	0.03	0.72	4/20/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	EDUCATION LOAN ASSET BACKED TR	\$ 418,267	418,076	0.04	0.6	6/25/2022

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 382,932	381,590	0.04	0.90175	10/16/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	CHESAPEAKE FUNDING LLC	\$ 677,273	676,274	0.06	0.601	5/7/2024
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 592,855	590,555	0.06	1.45	4/16/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	ARI FLEET LEASE TRUST	\$ 228,294	228,162	0.02	0.7	12/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	CCG RECEIVABLES TRUST	\$ 500,444	499,460	0.05	1.05	8/14/2020
MML INFL PROTECTED & INC FD	FUTURE	US LONG BOND(CBT) SEP14	\$ -	(300,000)	0.00	0	9/19/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO MORGAN STANLEY	\$ (18,897,403)	(18,897,403)	1.76	0.16	7/8/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	FLAGSHIP CREDIT AUTO TRUST	\$ 498,001	499,184	0.05	1.21	4/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	ONEMAIN FINANCIAL ISSUANCE TRU	\$ 319,994	320,000	0.03	2.43	6/18/2024
MML INFL PROTECTED & INC FD	FIXED INCOME	UNITED AUTO CREDIT SECURITIZAT	\$ 230,767	230,709	0.02	0.95	9/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	CFC LLC	\$ 142,684	142,289	0.01	1.65	7/17/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	DT AUTO OWNER TRUST	\$ 124,808	124,795	0.01	0.75	5/16/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	CALIFORNIA REPUBLIC AUTO RECEI	\$ 1,106,482	1,100,451	0.10	1.41	9/17/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	NATIONS EQUIPMENT FINANCE FUND	\$ 382,616	382,616	0.04	1.697	11/20/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 551,038	550,521	0.05	0.89	9/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1029057 IRS USD R V 03MLIBOR	\$ 5,550,000	5,550,000	0.52	0.22285	8/5/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1029057 IRS USD P F .33700	\$ (5,550,615)	(5,550,000)	0.52	0.337	8/5/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 443,915	447,464	0.04	0.48875	4/25/2029
MML INFL PROTECTED & INC FD	FIXED INCOME	GCO EDUCATION LOAN FUNDING TRU	\$ 1,255,346	1,257,433	0.12	0.32715	8/25/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 853,904	869,182	0.08	0.8845	6/28/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	MORGAN STANLEY CAPITAL INC	\$ 1,015,496	1,042,413	0.09	1.097	4/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	NATIONAL COLLEGIATE STUDENT LO	\$ 795,122	802,633	0.07	0.4926	6/25/2027
MML INFL PROTECTED & INC FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 313,497	319,291	0.03	0.532	8/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 12,122	12,136	0.00	0.342	3/25/2036
MML INFL PROTECTED & INC FD	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 1,499,408	1,508,632	0.14	0.39645	7/15/2036
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.01	0.302	12/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	GCO EDUCATION LOAN FUNDING TRU	\$ 260,500	262,621	0.02	0.29715	5/25/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	DT AUTO OWNER TRUST	\$ 693,014	692,747	0.06	0.81	9/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	WESTLAKE AUTOMOBILE RECEIVABLE	\$ 848,053	845,920	0.08	1.12	1/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 836,225	835,571	0.08	0.53175	4/17/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 980,352	977,370	0.09	1.54	7/16/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	DT AUTO OWNER TRUST	\$ 647,407	647,416	0.06	0.66	7/17/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 2,260,465	2,250,000	0.21	0.8341	2/13/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 6,974,852	6,341,674	0.65	1.375	2/15/2044
MML INFL PROTECTED & INC FD	FIXED INCOME	MORGAN STANLEY HOME EQUITY LOA	\$ 291,416	298,405	0.03	0.602	8/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 644,430	681,511	0.06	0.977	6/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 566,000	566,908	0.05	0.43935	5/28/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	MORGAN STANLEY REREMIC TRUST	\$ 38,505	38,361	0.00	2.5	3/23/2051
MML INFL PROTECTED & INC FD	FIXED INCOME	GTP ACQUISITION PARTNERS	\$ 537,805	520,000	0.05	4.347	6/15/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	TRIP RAIL MASTER FUNDING LLC	\$ 703,827	683,314	0.07	2.65175	7/15/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 343,347	344,955	0.03	0.522	1/25/2036
MML INFL PROTECTED & INC FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 473,732	465,066	0.04	3.26	5/20/2028
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 438,494	430,026	0.04	3.68	9/17/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	ENTERPRISE FLEET FINANCING LLC	\$ 37,846	37,812	0.00	1.62	5/20/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 591,806	587,129	0.05	9.25	1/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 132,574	132,288	0.01	1.96	11/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 131,436	131,379	0.01	2.02	8/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	CALIFORNIA REPUBLIC AUTO RECEI	\$ 702,918	698,996	0.07	1.23	3/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	ACADEMIC LOAN FUNDING TRUST	\$ 5,105,681	5,097,919	0.47	0.952	12/26/2044
MML INFL PROTECTED & INC FD	FIXED INCOME	HERTZ FLEET LEASE FUNDING LP	\$ 2,175,634	2,170,000	0.20	0.7035	12/10/2027
MML INFL PROTECTED & INC FD	FIXED INCOME	TRADE MAPS LTD	\$ 1,304,472	1,300,000	0.12	0.8535	12/10/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 883,619	883,405	0.08	1.14	3/12/2018

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	FIXED INCOME	HLSS SERVICER ADVANCE RECEIVAB	\$ 1,738,573	1,735,000	0.16	1.2437	1/17/2045
MML INFL PROTECTED & INC FD	FIXED INCOME	CAPITAL AUTO RECEIVABLES ASSET	\$ 1,435,496	1,435,000	0.13	0.503	5/20/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 101,855	102,298	0.01	0.35715	8/25/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 228,363	250,000	0.02	1.88	6/15/2043
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 2,026,481	2,031,999	0.19	0.25875	4/25/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 331,844	358,774	0.03	1.23	7/1/2038
MML INFL PROTECTED & INC FD	FIXED INCOME	FED HM LN PC POOL 1Q0239	\$ 1,363,380	1,280,326	0.13	2.38	3/1/2037
MML INFL PROTECTED & INC FD	FIXED INCOME	CIT EDUCATION LOAN TRUST	\$ 746,834	751,710	0.07	0.3506	3/15/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	COLLEGIATE FUNDING SERVICES ED	\$ 910,651	912,685	0.08	0.4441	9/28/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	GALAXY CLO LTD	\$ 991,950	995,858	0.09	0.46875	4/25/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 749,027	798,725	0.07	0.8806	12/15/2038
MML INFL PROTECTED & INC FD	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 987,000	1,175,000	0.09	1.652	1/25/2047
MML INFL PROTECTED & INC FD	FIXED INCOME	MASTR ASSET BACKED SECURITIES	\$ 279,593	284,771	0.03	0.827	3/25/2035
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICREDIT AUTOMOBILE RECEIVA	\$ 368,998	365,583	0.03	3.34	4/8/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	WESTLAKE AUTOMOBILE RECEIVABLE	\$ 569,971	570,000	0.05	0.7	5/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 698,838	700,000	0.06	1.06	8/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	US TREASURY N/B	\$ 18,783,110	18,800,000	1.75	0.375	5/31/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 1,875,240	1,875,000	0.17	0.85215	6/4/2017
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO BARCLAYS	\$ (8,153,600)	(8,153,600)	0.76	0.14	8/27/2014
MML INFL PROTECTED & INC FD	FUTURE	US 10YR NOTE (CBT)SEP14	\$ -	(3,800,000)	0.00	0	9/19/2014
MML INFL PROTECTED & INC FD	FUTURE	US 2YR NOTE (CBT) SEP14	\$ -	(24,400,000)	0.00	0	9/30/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	CAMERON INTERNATIONAL CORP	\$ 5,498,546	5,500,000	0.51	0.28	8/4/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO GOLDMAN	\$ (34,225,733)	(34,225,733)	3.18	0.18	9/4/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 997,520	1,000,000	0.09	1.11	11/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	TIDEWATER AUTO RECEIVABLES TRU	\$ 899,586	900,000	0.08	0.96	7/15/2017
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	SOUTHERN PWR CO	\$ 1,999,865	2,000,000	0.19	0.274	7/10/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO DAIWA SECURITIES	\$ (6,545,000)	(6,545,000)	0.61	0.18	8/5/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	WESTAR ENERGY INC	\$ 5,499,175	5,500,000	0.51	0.27	7/21/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	TIME WARNER CBL	\$ 3,998,453	4,000,000	0.37	0.29	8/18/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	STATE STREET REPO	\$ 221,384	221,384	0.02	0.01	7/1/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	AMEREN CORP	\$ 4,673,852	4,675,000	0.43	0.26	8/4/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 6,234	6,234	0.00	0	7/1/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 700,000	700,000	0.07	2.65	6/17/2030
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 533,922	550,000	0.05	2.652	6/17/2030
MML INFL PROTECTED & INC FD	FIXED INCOME	COLLEGIATE FUNDING SERVICES ED	\$ 50,313	50,331	0.00	0.3241	12/28/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	CREDIT SUISSE FIRST BOSTON MOR	\$ 662,222	690,394	0.06	0.852	3/25/2045
MML INFL PROTECTED & INC FD	FIXED INCOME	KEYCORP STUDENT LOAN TRUST	\$ 2,565,799	2,573,729	0.24	0.52785	10/28/2041
MML INFL PROTECTED & INC FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 199,995	200,111	0.02	0.32785	10/28/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	SOUTH CAROLINA ST STUDENT LOAN	\$ 630,362	633,352	0.06	0.31735	12/2/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	PENNSYLVANIA HIGHER EDUCATION	\$ 71,522	71,533	0.01	0.30875	1/25/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	TAL ADVANTAGE LLC	\$ 925,433	935,000	0.09	0.343	4/20/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1036185 IRS USD R V 03MLIBOR	\$ 4,645,000	4,645,000	0.43	0.2266	4/29/2024
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1036185 IRS USD P F 2.76500	\$ (4,715,723)	(4,645,000)	0.44	2.765	4/29/2024
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO HSBC	\$ (29,130,000)	(29,130,000)	2.71	0.12	8/12/2014
MML INFL PROTECTED & INC FD	FUTURE	US ULTRA BOND(CBT SEP14	\$ -	(100,000)	0.00	0	9/19/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 4,978,535	5,000,000	0.46	0.55	4/8/2015
MML INFL PROTECTED & INC FD	FUTURE	US 5YR NOTE (CBT) SEP14	\$ -	(7,200,000)	0.00	0	9/30/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	TSY INFL IX N/B	\$ 13,317,797	12,933,817	1.24	0.125	4/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 410,100	410,325	0.04	0.99	10/10/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 273,317	278,049	0.03	0.4	11/25/2037
MML INFL PROTECTED & INC FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ -	-	-	0.34785	4/28/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 666,057	664,002	0.06	1.23	3/15/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	FIXED INCOME	NISSAN MOTOR ACCEPTANCE	\$ 1,404,080	1,400,000	0.13	0.7774	3/3/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 1,691,951	1,689,693	0.16	0.75175	7/15/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 434,060	434,912	0.04	1.21	8/15/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	PETROBRAS GLOBAL FINANCE	\$ 1,244,637	1,230,000	0.12	2.5921	3/17/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICREDIT AUTOMOBILE RECEIVA	\$ 485,091	485,000	0.05	0.57	7/10/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	NEW RESIDENTIAL ADVANCE RECEIV	\$ 825,908	825,000	0.08	1.2736	3/15/2045
MML INFL PROTECTED & INC FD	FIXED INCOME	CFC LLC	\$ 519,897	520,929	0.05	1.46	12/17/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 2,330,820	2,319,740	0.22	1.25175	12/15/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	WHEELS SPV LLC	\$ 184,304	183,891	0.02	1.19	3/20/2021
MML INFL PROTECTED & INC FD	FIXED INCOME	TRAFIGURA SECURITISATION FINAN	\$ 1,016,506	1,006,000	0.09	2.55175	10/15/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 285,850	285,258	0.03	1.89	7/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	NEW YORK CITY TAX LIEN	\$ 518,939	518,838	0.05	1.23	11/10/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	STANFIELD BRISTOL CLO LTD	\$ 746,003	750,000	0.07	0.67385	10/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 455,971	454,536	0.04	1.49	11/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	US EDUCATION LOAN TRUST LLC	\$ 65,104	65,091	0.01	0.62735	9/1/2022
MML INFL PROTECTED & INC FD	FIXED INCOME	PFS FINANCING CORP	\$ 2,853,290	2,850,000	0.27	0.85175	10/17/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	WESTGATE RESORTS	\$ 628,868	626,229	0.06	3	1/20/2025
MML INFL PROTECTED & INC FD	FIXED INCOME	WESTLAKE AUTOMOBILE RECEIVABLE	\$ 111,465	111,434	0.01	1.03	3/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	MACQUARIE EQUIPMENT FUNDING TR	\$ 234,350	234,206	0.02	0.61	4/20/2015
MML INFL PROTECTED & INC FD	FIXED INCOME	TIDEWATER AUTO RECEIVABLES TRU	\$ 689,825	688,665	0.06	1.99	4/15/2019
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 163,513	162,939	0.02	1.64	11/15/2016
MML INFL PROTECTED & INC FD	FIXED INCOME	ARL FIRST LLC	\$ 1,773,738	1,731,524	0.16	1.90175	12/15/2042
MML INFL PROTECTED & INC FD	FIXED INCOME	CPS AUTO TRUST	\$ 403,659	402,514	0.04	1.48	3/16/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	HERCULES CAPITAL FUNDING TRUST	\$ 413,482	412,194	0.04	3.32	12/16/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	DIRECT CAPITAL FUNDING LLC	\$ 301,171	301,171	0.03	1.673	12/20/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	NATIONSTAR AGENCY ADVANCE FUND	\$ 499,210	500,000	0.05	0.997	2/15/2045
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO GOLDMAN	\$ (11,506,279)	(11,506,279)	1.07	0.21	9/4/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	PEARSON HOLDINGS	\$ 5,498,721	5,500,000	0.51	0.31	7/28/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO HSBC	\$ (18,424,000)	(18,424,000)	1.71	-0.1	7/7/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	VOLVO GROUP TRSY NA	\$ 5,699,025	5,700,000	0.53	0.28	7/23/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	ENBRIDGE ENERGY PRTNS	\$ 5,698,670	5,700,000	0.53	0.28	7/31/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	ROCKWELL COLLINS INC	\$ 3,905,808	3,909,000	0.36	0.35	9/23/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO HSBC	\$ (29,399,750)	(29,399,750)	2.73	0.13	7/29/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO DEUTSCHE	\$ (3,075,561)	(3,075,561)	0.29	0.13	8/26/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	ROCKWELL COLLINS INC	\$ 4,998,292	5,000,000	0.46	0.304	8/11/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	ERAC USA FINANCE LLC	\$ 5,496,017	5,500,000	0.51	0.33	9/18/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 5,497,369	5,500,000	0.51	0.42	8/11/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	ASCENTUM EQUIPMENT RECEIVABLE	\$ 944,352	945,000	0.09	1.04	1/10/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	ASCENTUM EQUIPMENT RECEIVABLE	\$ 434,552	435,000	0.04	1.58	10/10/2018
MML INFL PROTECTED & INC FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 343,678	375,000	0.03	1.652	6/25/2041
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	DAIMLER FIN NORTH AMERICA	\$ 5,488,313	5,500,000	0.51	0.05	12/1/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 699,930	700,000	0.07	0.6	7/7/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	CENTRICA PLC	\$ 5,695,136	5,700,000	0.53	0.48	9/3/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	CANADIAN NATURAL RESOU	\$ 5,699,601	5,700,000	0.53	0.28	7/10/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO DEUTSCHE	\$ (2,628,700)	(2,628,700)	0.24	0.15	9/10/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	HYUNDAI CAPITAL AMERICA	\$ 5,496,401	5,500,000	0.51	0.31	9/15/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 4,995,760	5,000,000	0.46	0.43	9/10/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	WPP CP LLC	\$ 5,694,937	5,700,000	0.53	0.41	9/17/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	DRUG ROYALTY II LP 1	\$ 820,000	820,000	0.08	3.0821	7/15/2023
MML INFL PROTECTED & INC FD	FIXED INCOME	NEUBERGER BERMAN CLO LTD	\$ 1,325,000	1,325,000	0.12	1	8/4/2025
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	AGRIUM INC	\$ 5,495,833	5,500,000	0.51	0.3497	9/17/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 2,493,292	2,500,000	0.23	0.611	12/9/2014

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 2,985,533	3,000,000	0.28	0.715	3/6/2015
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	DUKE ENERGY CORP	\$ 5,696,509	5,700,000	0.53	0.35	9/2/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 665,000	665,000	0.06	0.952	3/15/2029
MML INFL PROTECTED & INC FD	FIXED INCOME	PRESTIGE AUTO RECEIVABLES TRUS	\$ 449,594	450,000	0.04	0.97	3/15/2018
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	SABMILLER HOLDINGS INC	\$ 4,998,872	5,000,000	0.46	0.28	7/30/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 5,698,290	5,700,000	0.53	0.36	7/31/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	LAKE COUNTRY MORTGAGE LOAN TRU	\$ 247,708	251,502	0.02	0.932	12/25/2032
MML INFL PROTECTED & INC FD	FIXED INCOME	NATIONAL COLLEGIATE STUDENT LO	\$ 117,619	118,177	0.01	0.342	2/25/2028
MML INFL PROTECTED & INC FD	EQUITY	FORWARDS GOLDMAN SACHS BOC	\$ (1,563,868)	(1,563,868)	0.15	0	
MML INFL PROTECTED & INC FD	FIXED INCOME	ACCESS GROUP INC	\$ 123,859	123,930	0.01	0.3396	3/23/2020
MML INFL PROTECTED & INC FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 574,474	573,501	0.05	1.32	2/15/2017
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1029305 IRS USD R V 03MLIBOR	\$ 5,550,000	5,550,000	0.52	0.2647	8/13/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	BM1029305 IRS USD P F .32800	\$ (5,550,637)	(5,550,000)	0.52	0.328	8/13/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 480,224	480,000	0.04	0.52175	6/15/2017
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	XCEL ENERGY INC	\$ 5,499,206	5,500,000	0.51	0.01	7/14/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	WELLPOINT INC	\$ 4,994,633	5,000,000	0.46	0.01	10/1/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	BCC FUNDING CORP	\$ 339,255	339,458	0.03	1.794	6/20/2020
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO BARCLAYS	\$ (9,942,721)	(9,942,721)	0.92	0.14	7/16/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO GOLDMAN	\$ (15,932,220)	(15,932,220)	1.48	0.15	7/16/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	HUNTINGTON NATIONAL BANK	\$ 935,651	935,000	0.09	0.6536	4/24/2017
MML INFL PROTECTED & INC FD	OPTIONS	BM1036078 BCM SWAPTION USD PAY	\$ 389,060	15,435,000	0.04	0	4/25/2016
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO MORGAN STANLEY	\$ (1,163,422)	(1,163,422)	0.11	0.15	8/5/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	TAL ADVANTAGE LLC	\$ 587,617	587,238	0.05	1.7	5/20/2039
MML INFL PROTECTED & INC FD	FIXED INCOME	SYMPHONY CLO LTD	\$ 1,648,111	1,650,000	0.15	1.22285	7/14/2026
MML INFL PROTECTED & INC FD	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 2,325,088	2,325,000	0.22	1.25771	7/15/2026
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO GOLDMAN	\$ (6,925,466)	(6,925,466)	0.64	0.14	8/21/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	B A T INTL FIN	\$ 5,599,602	5,600,000	0.52	0.32	7/9/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO PARIBAS	\$ (6,848,000)	(6,848,000)	0.64	0.13	7/2/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO HSBC	\$ (5,975,000)	(5,975,000)	0.56	0.12	7/2/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	HOLCIM US FINANCE SARL & CIE S	\$ 5,699,590	5,700,000	0.53	0.37	7/8/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	AIRGAS INC	\$ 4,999,956	5,000,000	0.46	0.32	7/2/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO HSBC	\$ (13,172,200)	(13,172,200)	1.22	0.13	7/9/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO DEUTSCHE	\$ (39,038,419)	(39,038,419)	3.63	0.15	7/9/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO BARCLAYS	\$ (4,218,294)	(4,218,294)	0.39	0.15	7/9/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	REVERSE REPO PARIBAS	\$ (72,155,000)	(72,155,000)	6.70	0.14	7/10/2014
MML INFL PROTECTED & INC FD	FIXED INCOME	321 HENDERSON RECEIVABLES LLC	\$ 862,892	889,969	0.08	0.35175	3/15/2041
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	TRANSCANADA AMERICAN	\$ 5,599,566	5,600,000	0.52	0.31	7/10/2014
MML INFL PROTECTED & INC FD	CASH EQUIVALENT	PENTAIR FINANCE	\$ 5,699,679	5,700,000	0.53	0.294	7/8/2014
MML GROWTH & INCOME FD	EQUITY	SCHLUMBERGER LTD	\$ 2,338,949	19,830	1.63	0	
MML GROWTH & INCOME FD	EQUITY	KOHL'S CORP	\$ 1,291,398	24,514	0.90	0	
MML GROWTH & INCOME FD	EQUITY	ALTERA CORP	\$ 1,633,824	47,003	1.14	0	
MML GROWTH & INCOME FD	EQUITY	ST JUDE MEDICAL INC	\$ 978,433	14,129	0.68	0	
MML GROWTH & INCOME FD	EQUITY	DANAHER CORP	\$ 3,847,929	48,875	2.68	0	
MML GROWTH & INCOME FD	EQUITY	BLACKROCK INC	\$ 2,300,800	7,199	1.60	0	
MML GROWTH & INCOME FD	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 2,413,947	49,456	1.68	0	
MML GROWTH & INCOME FD	EQUITY	NATIONAL OILWELL VARCO INC	\$ 1,304,095	15,836	0.91	0	
MML GROWTH & INCOME FD	EQUITY	LVMH MOET HENNESSY LOUIS VUI	\$ 1,449,159	7,523	1.01	0	
MML GROWTH & INCOME FD	EQUITY	BAYERISCHE MOTOREN WERKE AG	\$ 526,653	4,152	0.37	0	
MML GROWTH & INCOME FD	EQUITY	CAMERON INTERNATIONAL CORP	\$ 1,627,478	24,036	1.13	0	
MML GROWTH & INCOME FD	EQUITY	AMERICAN ELECTRIC POWER	\$ 1,039,887	18,646	0.72	0	
MML GROWTH & INCOME FD	EQUITY	CMS ENERGY CORP	\$ 1,379,976	44,301	0.96	0	
MML GROWTH & INCOME FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 2,342,619	25,203	1.63	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML GROWTH & INCOME FD	EQUITY	PROCTER + GAMBLE CO/THE	\$ 2,738,783	34,849	1.91	0	
MML GROWTH & INCOME FD	EQUITY	APPLE INC	\$ 2,200,675	23,681	1.53	0	
MML GROWTH & INCOME FD	EQUITY	WALT DISNEY CO/THE	\$ 3,088,869	36,026	2.15	0	
MML GROWTH & INCOME FD	EQUITY	EMC CORP/MA	\$ 2,911,861	110,549	2.03	0	
MML GROWTH & INCOME FD	EQUITY	STRYKER CORP	\$ 1,248,105	14,802	0.87	0	
MML GROWTH & INCOME FD	EQUITY	CITRIX SYSTEMS INC	\$ 1,018,814	16,288	0.71	0	
MML GROWTH & INCOME FD	EQUITY	CANADIAN NATL RAILWAY CO	\$ 1,899,169	29,209	1.32	0	
MML GROWTH & INCOME FD	CASH	POUND STERLING	\$ 2	1	0.00	0	
MML GROWTH & INCOME FD	EQUITY	EOG RESOURCES INC	\$ 1,720,880	14,726	1.20	0	
MML GROWTH & INCOME FD	EQUITY	AMERICAN TOWER CORP	\$ 2,451,415	27,244	1.71	0	
MML GROWTH & INCOME FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 1,771,506	47,102	1.23	0	
MML GROWTH & INCOME FD	EQUITY	TWENTY FIRST CENTURY FOX A	\$ 1,754,758	49,922	1.22	0	
MML GROWTH & INCOME FD	EQUITY	ENDO INTERNATIONAL PLC	\$ 1,269,323	18,128	0.88	0	
MML GROWTH & INCOME FD	EQUITY	GOOGLE INC CL C	\$ 2,078,487	3,613	1.45	0	
MML GROWTH & INCOME FD	EQUITY	EXELON CORP	\$ 407,836	7,560	0.28	0	
MML GROWTH & INCOME FD	CASH EQUIVALENT	STATE STREET REPO	\$ 740,417	740,417	0.52	0.01	7/1/2014
MML GROWTH & INCOME FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 5,810	5,810	0.00	0	7/1/2014
MML GROWTH & INCOME FD	EQUITY	COLGATE PALMOLIVE CO	\$ 1,234,058	18,100	0.86	0	
MML GROWTH & INCOME FD	EQUITY	WW GRAINGER INC	\$ 1,624,785	6,390	1.13	0	
MML GROWTH & INCOME FD	EQUITY	MASTERCARD INC CLASS A	\$ 1,969,878	26,812	1.37	0	
MML GROWTH & INCOME FD	EQUITY	DANONE	\$ 1,721,924	23,201	1.20	0	
MML GROWTH & INCOME FD	EQUITY	VISA INC CLASS A SHARES	\$ 2,975,014	14,119	2.07	0	
MML GROWTH & INCOME FD	EQUITY	ACE LTD	\$ 1,175,751	11,338	0.82	0	
MML GROWTH & INCOME FD	EQUITY	TIME WARNER INC	\$ 1,965,595	27,980	1.37	0	
MML GROWTH & INCOME FD	EQUITY	ACCENTURE PLC CL A	\$ 2,118,412	26,205	1.47	0	
MML GROWTH & INCOME FD	EQUITY	VALEANT PHARMACEUTICALS WI	\$ 2,044,153	16,208	1.42	0	
MML GROWTH & INCOME FD	EQUITY	COVDIEN PLC	\$ 2,877,734	31,911	2.00	0	
MML GROWTH & INCOME FD	EQUITY	DELPHI AUTOMOTIVE PLC	\$ 679,495	9,885	0.47	0	
MML GROWTH & INCOME FD	EQUITY	NASDAQ OMX GROUP/THE	\$ 1,048,301	27,144	0.73	0	
MML GROWTH & INCOME FD	EQUITY	FLUOR CORP	\$ 1,184,798	15,407	0.82	0	
MML GROWTH & INCOME FD	EQUITY	JPMORGAN CHASE + CO	\$ 4,167,482	72,327	2.90	0	
MML GROWTH & INCOME FD	EQUITY	CHEVRON CORP	\$ 813,588	6,232	0.57	0	
MML GROWTH & INCOME FD	EQUITY	NOBLE ENERGY INC	\$ 1,320,538	17,048	0.92	0	
MML GROWTH & INCOME FD	EQUITY	COMCAST CORP CLASS A	\$ 2,431,114	45,289	1.69	0	
MML GROWTH & INCOME FD	EQUITY	CROWN HOLDINGS INC	\$ 1,092,630	21,958	0.76	0	
MML GROWTH & INCOME FD	EQUITY	GOOGLE INC CL A	\$ 2,343,357	4,008	1.63	0	
MML GROWTH & INCOME FD	EQUITY	DRESSER RAND GROUP INC	\$ 1,103,612	17,317	0.77	0	
MML GROWTH & INCOME FD	EQUITY	FIDELITY NATIONAL INFORMATIO	\$ 1,838,224	33,581	1.28	0	
MML GROWTH & INCOME FD	EQUITY	PRAXAIR INC	\$ 1,250,821	9,416	0.87	0	
MML GROWTH & INCOME FD	EQUITY	WELLS FARGO + CO	\$ 3,096,678	58,917	2.16	0	
MML GROWTH & INCOME FD	EQUITY	BANK OF AMERICA CORP	\$ 1,743,773	113,453	1.21	0	
MML GROWTH & INCOME FD	EQUITY	ABBOTT LABORATORIES	\$ 1,264,178	30,909	0.88	0	
MML GROWTH & INCOME FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 1,144,885	23,601	0.80	0	
MML GROWTH & INCOME FD	EQUITY	JOHNSON + JOHNSON	\$ 3,182,750	30,422	2.22	0	
MML GROWTH & INCOME FD	EQUITY	MCDONALD S CORP	\$ 1,772,117	17,591	1.23	0	
MML GROWTH & INCOME FD	EQUITY	STATE STREET CORP	\$ 804,766	11,965	0.56	0	
MML GROWTH & INCOME FD	EQUITY	TARGET CORP	\$ 1,449,503	25,013	1.01	0	
MML GROWTH & INCOME FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 2,490,026	21,568	1.73	0	
MML GROWTH & INCOME FD	EQUITY	EXXON MOBIL CORP	\$ 514,978	5,115	0.36	0	
MML GROWTH & INCOME FD	EQUITY	HEWLETT PACKARD CO	\$ 1,280,817	38,029	0.89	0	
MML GROWTH & INCOME FD	EQUITY	MORGAN STANLEY	\$ 1,176,327	36,385	0.82	0	
MML GROWTH & INCOME FD	EQUITY	ORACLE CORP	\$ 1,494,827	36,882	1.04	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML GROWTH & INCOME FD	EQUITY	PFIZER INC W/D	\$ 3,007,415	101,328	2.09	0	
MML GROWTH & INCOME FD	EQUITY	FMC CORP	\$ 746,214	10,482	0.52	0	
MML GROWTH & INCOME FD	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 1,496,038	14,577	1.04	0	
MML GROWTH & INCOME FD	EQUITY	THERMO FISHER SCIENTIFIC INC	\$ 2,344,306	19,867	1.63	0	
MML GROWTH & INCOME FD	EQUITY	PRECISION CASTPARTS CORP	\$ 2,147,924	8,510	1.49	0	
MML GROWTH & INCOME FD	EQUITY	COGNIZANT TECH SOLUTIONS A	\$ 1,828,941	37,394	1.27	0	
MML GROWTH & INCOME FD	EQUITY	DIAGEO PLC	\$ 1,177,386	36,986	0.82	0	
MML GROWTH & INCOME FD	EQUITY	WR GRACE + CO	\$ 1,445,931	15,296	1.01	0	
MML GROWTH & INCOME FD	EQUITY	PERNOD RICARD SA	\$ 1,685,839	14,038	1.17	0	
MML GROWTH & INCOME FD	EQUITY	LINDE AG	\$ 1,251,710	5,886	0.87	0	
MML GROWTH & INCOME FD	EQUITY	FRANKLIN RESOURCES INC	\$ 555,958	9,612	0.39	0	
MML GROWTH & INCOME FD	EQUITY	VF CORP	\$ 1,227,744	19,488	0.85	0	
MML GROWTH & INCOME FD	EQUITY	AMERICAN EXPRESS CO	\$ 2,656,550	28,002	1.85	0	
MML GROWTH & INCOME FD	EQUITY	NIKE INC CL B	\$ 1,017,999	13,127	0.71	0	
MML GROWTH & INCOME FD	EQUITY	BED BATH + BEYOND INC	\$ 1,352,963	23,579	0.94	0	
MML GROWTH & INCOME FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 1,181,411	11,508	0.82	0	
MML GROWTH & INCOME FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 1,339,535	6,474	0.93	0	
MML GROWTH & INCOME FD	EQUITY	NEWELL RUBBERMAID INC	\$ 729,505	23,540	0.51	0	
MML GROWTH & INCOME FD	EQUITY	GENERAL MILLS INC	\$ 586,346	11,160	0.41	0	
MML GROWTH & INCOME FD	EQUITY	GOLDMAN SACHS GROUP INC	\$ 2,643,878	15,790	1.84	0	
MML GROWTH & INCOME FD	EQUITY	ROSS STORES INC	\$ 1,073,687	16,236	0.75	0	
MML SMALL COMPANY VALUE FD	EQUITY	GENESEE + WYOMING INC CL A	\$ 1,979,250	18,850	1.88	0	
MML SMALL COMPANY VALUE FD	EQUITY	ALASKA AIR GROUP INC	\$ 1,691,890	17,800	1.61	0	
MML SMALL COMPANY VALUE FD	EQUITY	BRUNSWICK CORP	\$ 442,365	10,500	0.42	0	
MML SMALL COMPANY VALUE FD	EQUITY	CARPENTER TECHNOLOGY	\$ 936,100	14,800	0.89	0	
MML SMALL COMPANY VALUE FD	EQUITY	RADIAN GROUP INC	\$ 457,629	30,900	0.44	0	
MML SMALL COMPANY VALUE FD	EQUITY	ANALOGIC CORP	\$ 492,912	6,300	0.47	0	
MML SMALL COMPANY VALUE FD	EQUITY	CSS INDUSTRIES INC	\$ 429,831	16,300	0.41	0	
MML SMALL COMPANY VALUE FD	EQUITY	CIRCOR INTERNATIONAL INC	\$ 879,282	11,400	0.84	0	
MML SMALL COMPANY VALUE FD	EQUITY	COLUMBIA BANKING SYSTEM INC	\$ 626,178	23,800	0.60	0	
MML SMALL COMPANY VALUE FD	EQUITY	COMFORT SYSTEMS USA INC	\$ 451,880	28,600	0.43	0	
MML SMALL COMPANY VALUE FD	EQUITY	NATIONAL HEALTHCARE CORP	\$ 669,851	11,900	0.64	0	
MML SMALL COMPANY VALUE FD	CASH EQUIVALENT	ROWE T PRICE RES INV FD	\$ 1,001	1,001	0.00	0.01	9/19/2034
MML SMALL COMPANY VALUE FD	EQUITY	ENTEGRIS INC	\$ 512,689	37,300	0.49	0	
MML SMALL COMPANY VALUE FD	EQUITY	ACADIA REALTY TRUST	\$ 859,554	30,600	0.82	0	
MML SMALL COMPANY VALUE FD	EQUITY	HAVERTY FURNITURE	\$ 678,510	27,000	0.65	0	
MML SMALL COMPANY VALUE FD	EQUITY	HUB GROUP INC CL A	\$ 745,920	14,800	0.71	0	
MML SMALL COMPANY VALUE FD	EQUITY	KAMAN CORP	\$ 700,772	16,400	0.67	0	
MML SMALL COMPANY VALUE FD	EQUITY	APTARGROUP INC	\$ 1,380,406	20,600	1.31	0	
MML SMALL COMPANY VALUE FD	EQUITY	CABOT MICROELECTRONICS CORP	\$ 826,025	18,500	0.79	0	
MML SMALL COMPANY VALUE FD	EQUITY	AMERICAN VANGUARD CORP	\$ 304,060	23,000	0.29	0	
MML SMALL COMPANY VALUE FD	EQUITY	MCGRATH RENTCORP	\$ 1,227,450	33,400	1.17	0	
MML SMALL COMPANY VALUE FD	EQUITY	TEXAS INDUSTRIES INC	\$ 217,970	2,360	0.21	0	
MML SMALL COMPANY VALUE FD	EQUITY	WEST PHARMACEUTICAL SERVICES	\$ 1,202,130	28,500	1.14	0	
MML SMALL COMPANY VALUE FD	EQUITY	CARBO CERAMICS INC	\$ 832,248	5,400	0.79	0	
MML SMALL COMPANY VALUE FD	EQUITY	JMP GROUP INC	\$ 140,045	18,500	0.13	0	
MML SMALL COMPANY VALUE FD	EQUITY	PROGRESS SOFTWARE CORP	\$ 718,796	29,900	0.68	0	
MML SMALL COMPANY VALUE FD	EQUITY	ROYAL GOLD INC	\$ 540,452	7,100	0.51	0	
MML SMALL COMPANY VALUE FD	EQUITY	PROASSURANCE CORP	\$ 1,718,280	38,700	1.64	0	
MML SMALL COMPANY VALUE FD	EQUITY	PNM RESOURCES INC	\$ 495,677	16,900	0.47	0	
MML SMALL COMPANY VALUE FD	EQUITY	RED ROBIN GOURMET BURGERS	\$ 320,400	4,500	0.30	0	
MML SMALL COMPANY VALUE FD	EQUITY	BROOKS AUTOMATION INC	\$ 284,328	26,400	0.27	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL COMPANY VALUE FD	EQUITY	FIRST POTOMAC REALTY TRUST	\$ 595,648	45,400	0.57	0	
MML SMALL COMPANY VALUE FD	EQUITY	CEDAR REALTY TRUST INC	\$ 352,500	56,400	0.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	SYNNEX CORP	\$ 1,223,880	16,800	1.16	0	
MML SMALL COMPANY VALUE FD	EQUITY	PIPER JAFFRAY COS	\$ 476,284	9,200	0.45	0	
MML SMALL COMPANY VALUE FD	EQUITY	SIGNATURE BANK	\$ 908,496	7,200	0.86	0	
MML SMALL COMPANY VALUE FD	EQUITY	ASSURED GUARANTY LTD	\$ 403,809	16,482	0.38	0	
MML SMALL COMPANY VALUE FD	EQUITY	ADVANCED ENERGY INDUSTRIES	\$ 577,500	30,000	0.55	0	
MML SMALL COMPANY VALUE FD	EQUITY	CBL + ASSOCIATES PROPERTIES	\$ 716,300	37,700	0.68	0	
MML SMALL COMPANY VALUE FD	EQUITY	COGNEX CORP	\$ 510,720	13,300	0.49	0	
MML SMALL COMPANY VALUE FD	EQUITY	SANDY SPRING BANCORP INC	\$ 622,750	25,000	0.59	0	
MML SMALL COMPANY VALUE FD	EQUITY	STEIN MART INC	\$ 622,272	44,800	0.59	0	
MML SMALL COMPANY VALUE FD	EQUITY	SUN HYDRAULICS CORP	\$ 434,420	10,700	0.41	0	
MML SMALL COMPANY VALUE FD	EQUITY	TERADYNE INC	\$ 658,560	33,600	0.63	0	
MML SMALL COMPANY VALUE FD	EQUITY	WAUSAU PAPER CORP	\$ 378,700	35,000	0.36	0	
MML SMALL COMPANY VALUE FD	EQUITY	G + K SERVICES INC CL A	\$ 838,327	16,100	0.80	0	
MML SMALL COMPANY VALUE FD	EQUITY	KIRBY CORP	\$ 1,821,527	15,550	1.73	0	
MML SMALL COMPANY VALUE FD	EQUITY	LANDAUER INC	\$ 252,000	6,000	0.24	0	
MML SMALL COMPANY VALUE FD	EQUITY	LANDSTAR SYSTEM INC	\$ 2,003,200	31,300	1.91	0	
MML SMALL COMPANY VALUE FD	EQUITY	LITTELFUSE INC	\$ 1,161,875	12,500	1.11	0	
MML SMALL COMPANY VALUE FD	EQUITY	MARINEMAX INC	\$ 359,910	21,500	0.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	MYERS INDUSTRIES INC	\$ 687,078	34,200	0.65	0	
MML SMALL COMPANY VALUE FD	EQUITY	NAVIGANT CONSULTING INC	\$ 593,300	34,000	0.56	0	
MML SMALL COMPANY VALUE FD	EQUITY	NORDSON CORP	\$ 1,178,793	14,700	1.12	0	
MML SMALL COMPANY VALUE FD	EQUITY	ON ASSIGNMENT INC	\$ 942,605	26,500	0.90	0	
MML SMALL COMPANY VALUE FD	EQUITY	WASHINGTON REIT	\$ 475,434	18,300	0.45	0	
MML SMALL COMPANY VALUE FD	EQUITY	MINERALS TECHNOLOGIES INC	\$ 977,142	14,900	0.93	0	
MML SMALL COMPANY VALUE FD	EQUITY	MODINE MANUFACTURING CO	\$ 593,398	37,700	0.56	0	
MML SMALL COMPANY VALUE FD	EQUITY	SONUS NETWORKS INC	\$ 320,587	89,300	0.31	0	
MML SMALL COMPANY VALUE FD	EQUITY	IDEX CORP	\$ 371,404	4,600	0.35	0	
MML SMALL COMPANY VALUE FD	EQUITY	IXIA	\$ 448,056	39,200	0.43	0	
MML SMALL COMPANY VALUE FD	EQUITY	ISHARES RUSSELL 2000 VALUE ETF	\$ 702,168	6,800	0.67	0	
MML SMALL COMPANY VALUE FD	EQUITY	MERITAGE HOMES CORP	\$ 911,736	21,600	0.87	0	
MML SMALL COMPANY VALUE FD	EQUITY	WINTRUST FINANCIAL CORP	\$ 1,044,200	22,700	0.99	0	
MML SMALL COMPANY VALUE FD	EQUITY	MARKEL CORP	\$ 116,704	178	0.11	0	
MML SMALL COMPANY VALUE FD	EQUITY	ETHAN ALLEN INTERIORS INC	\$ 393,366	15,900	0.37	0	
MML SMALL COMPANY VALUE FD	EQUITY	CULP INC	\$ 332,531	19,100	0.32	0	
MML SMALL COMPANY VALUE FD	EQUITY	WOODWARD INC	\$ 859,583	17,130	0.82	0	
MML SMALL COMPANY VALUE FD	EQUITY	AARON S INC	\$ 2,084,940	58,500	1.98	0	
MML SMALL COMPANY VALUE FD	EQUITY	ASTEC INDUSTRIES INC	\$ 469,516	10,700	0.45	0	
MML SMALL COMPANY VALUE FD	EQUITY	ATWOOD OCEANICS INC	\$ 456,576	8,700	0.43	0	
MML SMALL COMPANY VALUE FD	EQUITY	BLACK HILLS CORP	\$ 589,344	9,600	0.56	0	
MML SMALL COMPANY VALUE FD	EQUITY	CLECO CORPORATION	\$ 1,199,633	20,350	1.14	0	
MML SMALL COMPANY VALUE FD	EQUITY	DREW INDUSTRIES INC	\$ 1,190,238	23,800	1.13	0	
MML SMALL COMPANY VALUE FD	EQUITY	EAST WEST BANCORP INC	\$ 1,634,943	46,726	1.56	0	
MML SMALL COMPANY VALUE FD	EQUITY	ELECTRO SCIENTIFIC INDS INC	\$ 245,160	36,000	0.23	0	
MML SMALL COMPANY VALUE FD	EQUITY	FRANKLIN ELECTRIC CO INC	\$ 629,148	15,600	0.60	0	
MML SMALL COMPANY VALUE FD	EQUITY	GLACIER BANCORP INC	\$ 1,035,870	36,500	0.99	0	
MML SMALL COMPANY VALUE FD	EQUITY	MATTHEWS INTL CORP CLASS A	\$ 818,929	19,700	0.78	0	
MML SMALL COMPANY VALUE FD	EQUITY	METHODE ELECTRONICS INC	\$ 534,940	14,000	0.51	0	
MML SMALL COMPANY VALUE FD	EQUITY	LASALLE HOTEL PROPERTIES	\$ 876,957	24,850	0.83	0	
MML SMALL COMPANY VALUE FD	EQUITY	SAUL CENTERS INC	\$ 724,140	14,900	0.69	0	
MML SMALL COMPANY VALUE FD	EQUITY	DELTAIC TIMBER CORP	\$ 664,620	11,000	0.63	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL COMPANY VALUE FD	EQUITY	ESCO TECHNOLOGIES INC	\$ 727,440	21,000	0.69	0	
MML SMALL COMPANY VALUE FD	EQUITY	EL PASO ELECTRIC CO	\$ 755,948	18,800	0.72	0	
MML SMALL COMPANY VALUE FD	EQUITY	ELECTRO RENT CORP	\$ 642,432	38,400	0.61	0	
MML SMALL COMPANY VALUE FD	EQUITY	FTI CONSULTING INC	\$ 355,508	9,400	0.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	FRED S INC CLASS A	\$ 276,749	18,100	0.26	0	
MML SMALL COMPANY VALUE FD	EQUITY	BELMOND LTD CLASS A	\$ 603,410	41,500	0.57	0	
MML SMALL COMPANY VALUE FD	EQUITY	SANDSTORM GOLD LTD	\$ 745,976	107,800	0.71	0	
MML SMALL COMPANY VALUE FD	EQUITY	SAFEGUARD SCIENTIFICS INC	\$ 1,072,764	51,600	1.02	0	
MML SMALL COMPANY VALUE FD	EQUITY	KRATOS DEFENSE + SECURITY	\$ 318,240	40,800	0.30	0	
MML SMALL COMPANY VALUE FD	EQUITY	CLOUD PEAK ENERGY INC	\$ 355,506	19,300	0.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	PEBBLEBROOK HOTEL TRUST	\$ 994,224	26,900	0.95	0	
MML SMALL COMPANY VALUE FD	EQUITY	ENERGY XXI BERMUDA	\$ 141,449	5,986	0.13	0	
MML SMALL COMPANY VALUE FD	EQUITY	TERRENO REALTY CORP	\$ 415,595	21,500	0.40	0	
MML SMALL COMPANY VALUE FD	EQUITY	US ECOLOGY INC	\$ 734,250	15,000	0.70	0	
MML SMALL COMPANY VALUE FD	EQUITY	OASIS PETROLEUM INC	\$ 1,084,266	19,400	1.03	0	
MML SMALL COMPANY VALUE FD	EQUITY	FABRINET	\$ 558,260	27,100	0.53	0	
MML SMALL COMPANY VALUE FD	EQUITY	C+J ENERGY SERVICES INC	\$ 422,250	12,500	0.40	0	
MML SMALL COMPANY VALUE FD	EQUITY	SPARTANNASH CO	\$ 548,361	26,100	0.52	0	
MML SMALL COMPANY VALUE FD	CASH EQUIVALENT	STATE STREET REPO	\$ 3,036,488	3,036,488	2.89	0.01	7/1/2014
MML SMALL COMPANY VALUE FD	EQUITY	TEEKAY TANKERS LTD CLASS A	\$ 289,146	67,400	0.28	0	
MML SMALL COMPANY VALUE FD	EQUITY	FORESTAR GROUP INC	\$ 40,089	2,100	0.04	0	
MML SMALL COMPANY VALUE FD	EQUITY	QUANEX BUILDING PRODUCTS	\$ 321,660	18,000	0.31	0	
MML SMALL COMPANY VALUE FD	EQUITY	ASCENT CAPITAL GROUP INC A	\$ 547,883	8,300	0.52	0	
MML SMALL COMPANY VALUE FD	EQUITY	CLEARWATER PAPER CORP	\$ 962,832	15,600	0.92	0	
MML SMALL COMPANY VALUE FD	EQUITY	SAGA COMMUNICATIONS INC CL A	\$ 542,544	12,700	0.52	0	
MML SMALL COMPANY VALUE FD	EQUITY	MAGNUM HUNTER RESOURCES CORP	\$ 270,600	33,000	0.26	0	
MML SMALL COMPANY VALUE FD	EQUITY	MOMENTA PHARMACEUTICALS INC	\$ 270,592	22,400	0.26	0	
MML SMALL COMPANY VALUE FD	EQUITY	BELDEN INC	\$ 1,367,800	17,500	1.30	0	
MML SMALL COMPANY VALUE FD	EQUITY	BEACON ROOFING SUPPLY INC	\$ 1,407,600	42,500	1.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	GIBRALTAR INDUSTRIES INC	\$ 496,320	32,000	0.47	0	
MML SMALL COMPANY VALUE FD	EQUITY	NORTHWESTERN CORP	\$ 662,813	12,700	0.63	0	
MML SMALL COMPANY VALUE FD	EQUITY	PREMIERE GLOBAL SERVICES INC	\$ 428,936	32,130	0.41	0	
MML SMALL COMPANY VALUE FD	EQUITY	NATIONAL INTERSTATE CORP	\$ 551,994	19,700	0.53	0	
MML SMALL COMPANY VALUE FD	EQUITY	UNIVERSAL TRUCKLOAD SERVICES	\$ 362,648	14,300	0.35	0	
MML SMALL COMPANY VALUE FD	EQUITY	ALLIANCE ONE INTERNATIONAL	\$ 137,500	55,000	0.13	0	
MML SMALL COMPANY VALUE FD	EQUITY	SVB FINANCIAL GROUP	\$ 1,900,906	16,300	1.81	0	
MML SMALL COMPANY VALUE FD	EQUITY	M/I HOMES INC	\$ 342,207	14,100	0.33	0	
MML SMALL COMPANY VALUE FD	EQUITY	MEADOWBROOK INSURANCE GROUP	\$ 417,020	58,000	0.40	0	
MML SMALL COMPANY VALUE FD	EQUITY	NEWPORT CORP	\$ 314,500	17,000	0.30	0	
MML SMALL COMPANY VALUE FD	EQUITY	PIER 1 IMPORTS INC	\$ 439,185	28,500	0.42	0	
MML SMALL COMPANY VALUE FD	EQUITY	QUIDEL CORP	\$ 426,723	19,300	0.41	0	
MML SMALL COMPANY VALUE FD	EQUITY	SCHNITZER STEEL INDS INC A	\$ 338,910	13,000	0.32	0	
MML SMALL COMPANY VALUE FD	EQUITY	SOUTHWEST GAS CORP	\$ 749,618	14,200	0.71	0	
MML SMALL COMPANY VALUE FD	EQUITY	TETRA TECHNOLOGIES INC	\$ 435,860	37,000	0.41	0	
MML SMALL COMPANY VALUE FD	EQUITY	UNIVERSAL FOREST PRODUCTS	\$ 670,953	13,900	0.64	0	
MML SMALL COMPANY VALUE FD	EQUITY	WINNEBAGO INDUSTRIES	\$ 757,918	30,100	0.72	0	
MML SMALL COMPANY VALUE FD	EQUITY	AMERICAN PUBLIC EDUCATION	\$ 357,552	10,400	0.34	0	
MML SMALL COMPANY VALUE FD	EQUITY	NORTHERN OIL AND GAS INC	\$ 581,553	35,700	0.55	0	
MML SMALL COMPANY VALUE FD	EQUITY	TRIPLE S MANAGEMENT CORP B	\$ 292,259	16,300	0.28	0	
MML SMALL COMPANY VALUE FD	EQUITY	AEGION CORP	\$ 621,309	26,700	0.59	0	
MML SMALL COMPANY VALUE FD	EQUITY	BONANZA CREEK ENERGY INC	\$ 96,516	1,800	0.09	0	
MML SMALL COMPANY VALUE FD	EQUITY	MATADOR RESOURCES CO	\$ 257,664	8,800	0.25	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL COMPANY VALUE FD	EQUITY	GASLOG LTD	\$ 1,163,985	36,500	1.11	0	
MML SMALL COMPANY VALUE FD	EQUITY	PDC ENERGY INC	\$ 808,320	12,800	0.77	0	
MML SMALL COMPANY VALUE FD	EQUITY	LUXFER HOLDINGS PLC ADR	\$ 267,195	14,100	0.25	0	
MML SMALL COMPANY VALUE FD	EQUITY	KATE SPADE + CO	\$ 526,332	13,800	0.50	0	
MML SMALL COMPANY VALUE FD	EQUITY	MSA SAFETY INC	\$ 925,428	16,100	0.88	0	
MML SMALL COMPANY VALUE FD	EQUITY	KILROY REALTY CORP	\$ 840,780	13,500	0.80	0	
MML SMALL COMPANY VALUE FD	EQUITY	PS BUSINESS PARKS INC/CA	\$ 267,168	3,200	0.25	0	
MML SMALL COMPANY VALUE FD	EQUITY	STILLWATER MINING CO	\$ 484,380	27,600	0.46	0	
MML SMALL COMPANY VALUE FD	EQUITY	PIKE CORP	\$ 251,776	28,100	0.24	0	
MML SMALL COMPANY VALUE FD	EQUITY	RBC BEARINGS INC	\$ 301,035	4,700	0.29	0	
MML SMALL COMPANY VALUE FD	EQUITY	HERCULES OFFSHORE INC	\$ 108,138	26,900	0.10	0	
MML SMALL COMPANY VALUE FD	EQUITY	INNOPEC INC	\$ 1,364,172	31,600	1.30	0	
MML SMALL COMPANY VALUE FD	EQUITY	POTLATCH CORP	\$ 923,220	22,300	0.88	0	
MML SMALL COMPANY VALUE FD	EQUITY	CROCS INC	\$ 172,845	11,500	0.16	0	
MML SMALL COMPANY VALUE FD	EQUITY	POOL CORP	\$ 1,102,920	19,500	1.05	0	
MML SMALL COMPANY VALUE FD	EQUITY	HOME BANCSHARES INC	\$ 1,765,716	53,800	1.68	0	
MML SMALL COMPANY VALUE FD	EQUITY	EMPLOYERS HOLDINGS INC	\$ 559,152	26,400	0.53	0	
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 932277	\$ 182,542	167,230	0.02	4.5	12/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MORGAN STANLEY REREMIC TRUST	\$ 1,441,656	1,306,906	0.14	5.997082	8/15/2045
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC864L6 CDS USD R F 1.00000	\$ 807,094	800,000	0.08	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC864L6 CDS USD P V 03MEVENT	\$ (800,000)	(800,000)	0.08	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL MA0531	\$ 37,040	34,879	0.00	4.5	8/1/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU000RP3 IRS MXN R F 6.00000	\$ 1,093,185	14,000,000	0.11	6	9/2/2022
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	NISOURCE FIN CORP	\$ 299,863	300,000	0.03	0.61	7/28/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 496,975	500,000	0.05	0.6	6/29/2015
MML PIMCO TOTAL RETURN FD	OPTIONS	317U400G3 IRO USD 10Y C 2.5500	\$ (12,551)	(3,000,000)	0.00	0	9/2/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	STATE STREET REPO	\$ 4,427,046	4,427,046	0.43	0.01	7/1/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	BARCLAYS CAPITAL REPO	\$ 16,000,000	16,000,000	1.55	0.13	7/1/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 2,209,547	1,600,000	0.21	1.15	5/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WASHINGTON MUTUAL MORTGAGE PAS	\$ 2,264,618	2,531,016	0.22	5.75	2/25/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MASTER ISSUER PLC	\$ 201,677	147,847	0.02	0.393	12/20/2054
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GSAMP TRUST	\$ 1,908,668	2,118,997	0.18	0.302	6/25/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CHASE MORTGAGE FINANCE CORPORA	\$ 70,993	76,551	0.01	5.647227	9/25/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NOMURA ASSET ACCEPTANCE CORPOR	\$ 2,608,499	3,200,000	0.25	0.722	2/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TITAN EUROPE PLC	\$ 280,541	165,832	0.03	0.80906	10/23/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 866958	\$ 440,655	390,242	0.04	6	2/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AA4229	\$ 683,284	640,313	0.07	4	4/1/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AL4296	\$ 260,246	232,241	0.03	5.5	7/1/2041
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CERT DI CREDITO DEL TES	\$ 1,493,593	1,100,000	0.14	0.01	12/31/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02RK0 CDS USD R F 1.00000	\$ 1,315,783	1,300,000	0.13	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02RK0 CDS USD P V 03MEVENT	\$ (1,300,000)	(1,300,000)	0.13	1	3/20/2019
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	MOHAWK INDUSTRIES INC	\$ 2,099,706	2,100,000	0.20	0.72	7/8/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL MA1002	\$ 99,912	94,069	0.01	4	2/1/2022
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC04XX1 CDS USD P V 00MEVENT	\$ (500,000)	(500,000)	0.05	1	6/20/2017
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 4,279,593	4,300,000	0.41	0.51	6/1/2015
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	ENI FINANCE USA INC	\$ 3,482,378	3,500,000	0.34	0.57	5/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 4,000,111	4,000,000	0.39	0.43125	8/15/2017
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	THERMO FISHER SCIENTIFIC INC	\$ 3,097,580	3,100,000	0.30	0.385	9/12/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	NISOURCE FIN CORP	\$ 4,298,324	4,300,000	0.42	0.61	7/24/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MET LIFE GLOB FUNDING I	\$ 1,999,214	2,000,000	0.19	0.35633	6/23/2016
MML PIMCO TOTAL RETURN FD	OPTIONS	317U374G5 IRO USD 10Y RYL	\$ (51,893)	(9,000,000)	0.01	0	9/2/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	J P MORGAN TERM REPO	\$ 6,000,000	6,000,000	0.58	0.2	7/1/2014

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	REPO BANK AMERICA	\$ 7,200,000	7,200,000	0.70	0.14	7/1/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02RC8 CDS USD R F 1.00000	\$ 1,536,358	1,500,000	0.15	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02RC8 CDS USD P V 03MEVENT	\$ (1,500,000)	(1,500,000)	0.15	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02P89 CDS USD R F 1.00000	\$ 2,254,281	2,200,000	0.22	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02P89 CDS USD P V 03MEVENT	\$ (2,200,000)	(2,200,000)	0.21	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC01SN5 CDS USD R F 1.00000	\$ 3,055,781	3,000,000	0.30	1	3/20/2019
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	CREDIT SUISSE NY	\$ 300,000	300,000	0.03	0.46485	3/17/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03G04 CDS EUR R F 1.00000	\$ 12,550,471	9,000,000	1.21	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03G04 CDS EUR P V 03MEVENT	\$ (12,323,703)	(9,000,000)	1.19	1	6/20/2019
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 4,291,923	4,300,000	0.41	0.69	10/7/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	THERMO FISHER SCIENTIFIC INC	\$ 1,999,969	2,000,000	0.19	0.55	7/2/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03RP7 CDS USD R F 1.00000	\$ 1,010,062	1,000,000	0.10	1	6/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03RP7 CDS USD P V 03MEVENT	\$ (1,000,000)	(1,000,000)	0.10	1	6/20/2017
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	ENTERGY CORPORATION	\$ 1,998,100	2,000,000	0.19	0.95	8/6/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC04CN6 CDS USD R F 1.00000	\$ 1,420,991	1,400,000	0.14	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC04CN6 CDS USD P V 03MEVENT	\$ (1,400,000)	(1,400,000)	0.14	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	US TREASURY FRN	\$ 19,399,313	19,400,000	1.88	0.109004	4/30/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	PACIFIC GAS + ELECTRIC	\$ 2,200,717	2,200,000	0.21	0.42335	5/11/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WELLS FARGO MORTGAGE BACKED SE	\$ 511,106	530,061	0.05	2.60962	7/25/2036
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 799,490	800,000	0.08	0.45	8/21/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC04XX1 CDS USD R F 1.00000	\$ 505,031	500,000	0.05	1	6/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 3,407,645	2,400,000	0.33	2.1	4/30/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU006FZ1 IRS USD P V 03MLIBOR	\$ (79,700,000)	(79,700,000)	7.71	1	12/16/2016
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	CCSSMXUS0	\$ 16,000	16,000	0.00	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 5,579,560	5,384,376	0.54	0.625	1/15/2024
MML PIMCO TOTAL RETURN FD	OPTIONS	317U699F5 IRO USD 5Y C 1.5500	\$ (2,263)	(5,600,000)	0.00	0	7/28/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU007AC5 IRS MXN R F 5.70000	\$ 160,156	2,000,000	0.02	5.7	1/18/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU007AC5 IRS MXN P V 01MTIIE	\$ (154,160)	(2,000,000)	0.01	3.3091	1/18/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU007B83 IRS MXN R F 5.70000	\$ 720,703	9,000,000	0.07	5.7	1/18/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU007B83 IRS MXN P V 01MTIIE	\$ (693,722)	(9,000,000)	0.07	3.3091	1/18/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 2,709,823	2,700,000	0.26	0.74385	2/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU000RP3 IRS MXN P V 01MTIIE	\$ (1,079,123)	(14,000,000)	0.10	3.31	9/2/2022
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AE6338	\$ 112,077	100,907	0.01	5	11/1/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CITIGROUP INC	\$ 2,830,397	2,800,000	0.27	1.18875	7/25/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CREDIT SUISSE MORTGAGE TRUST	\$ 1,494,463	1,386,167	0.14	5.46	9/15/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 211,011	200,000	0.02	1.9806	9/14/2018
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	ITAU UNIBANCO S A NEW YORK	\$ 1,891,110	1,900,000	0.18	0.0001	10/31/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU006FZ1 IRS USD R F 1.50000	\$ 79,846,743	79,700,000	7.72	1.5	12/16/2016
MML PIMCO TOTAL RETURN FD	OPTIONS	317U700F2 IRO USD 5Y C 1.5500	\$ (485)	(1,200,000)	0.00	0	7/28/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC01PW8 CDS USD R F 1.00000	\$ 2,150,733	2,100,000	0.21	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC01PW8 CDS USD P V 03MEVENT	\$ (2,100,000)	(2,100,000)	0.20	1	3/20/2019
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	GLENCORE FUNDING LLC	\$ 1,498,428	1,500,000	0.14	0.385	10/7/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WELLS FARGO + COMPANY	\$ 5,501,551	5,500,000	0.53	0.5274	6/2/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU008WJ4 IRS USD R F 1.75000	\$ 10,895,393	10,900,000	1.05	1.75	6/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU008WJ4 IRS USD P V 03MLIBOR	\$ (10,900,000)	(10,900,000)	1.05	1	6/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU008OF1 IRS USD R F 4.00000	\$ 1,825,242	1,800,000	0.18	4	6/19/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU008OF1 IRS USD P V 03MLIBOR	\$ (1,800,000)	(1,800,000)	0.17	1	6/19/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC390N5 CDS USD R F 1.00000	\$ 101,618	100,000	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC390N5 CDS USD P V 03MEVENT	\$ (100,000)	(100,000)	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 203,100	200,000	0.02	1.875	9/18/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU005K20 IRS USD R F 3.00000	\$ 75,204,418	74,500,000	7.27	3	9/21/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU005K20 IRS USD P V 03MLIBOR	\$ (74,500,000)	(74,500,000)	7.20	1	9/21/2017

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CREDIT SUISSE MORTGAGE TRUST	\$ 2,562,257	2,364,640	0.25	5.297	12/15/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 534,741	500,000	0.05	3.65	9/14/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 2,267,635	2,200,000	0.22	2.5	9/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 1,027,547	1,000,000	0.10	1.7606	9/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	STATOIL ASA	\$ 2,215,127	2,200,000	0.21	0.68485	11/8/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03UZ1 CDS USD R F 1.00000	\$ 100,553	100,000	0.01	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03UZ1 CDS USD P V 03MEVENT	\$ (100,000)	(100,000)	0.01	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03V31 CDS USD R F 1.00000	\$ 201,106	200,000	0.02	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03V31 CDS USD P V 03MEVENT	\$ (200,000)	(200,000)	0.02	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANK OF NOVA SCOTIA	\$ 3,600,986	3,600,000	0.35	0.53755	4/11/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANCO SANTANDER CHILE	\$ 1,499,997	1,500,000	0.15	1.12645	4/11/2017
MML PIMCO TOTAL RETURN FD	FUTURE	US 5YR NOTE (CBT) SEP14	\$ -	37,200,000	0.00	0	9/30/2014
MML PIMCO TOTAL RETURN FD	FUTURE	US 10YR NOTE (CBT)SEP14	\$ -	101,900,000	0.01	0	9/19/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 699,998	700,000	0.07	0.77875	4/25/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CERT DI CREDITO DEL TES	\$ 5,278,004	3,900,000	0.51	0.01	4/29/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	APPLE INC	\$ 302,585	300,000	0.03	2.85	5/6/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 1,399,334	1,400,000	0.14	0.67485	11/8/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CNPC GENERAL CAPITAL LTD	\$ 1,303,643	1,300,000	0.13	1.1251	5/14/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BPCE SA	\$ 3,007,005	3,000,000	0.29	0.79585	11/18/2016
MML PIMCO TOTAL RETURN FD	OPTIONS	317U894F8 IRO USD 10Y P 3.0300	\$ (13,233)	(12,000,000)	0.00	0	9/2/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03GC8 CDS USD R F 1.00000	\$ 3,875,001	3,800,000	0.37	1	6/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC03GC8 CDS USD P V 03MEVENT	\$ (3,800,000)	(3,800,000)	0.37	1	6/20/2019
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	EDISON INTERNATIONAL	\$ 4,100,000	4,100,000	0.40	0.7	7/1/2014
MML PIMCO TOTAL RETURN FD	FUTURE	US LONG BOND(CBT) SEP14	\$ -	18,500,000	0.01	0	9/19/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	AMERICAN HONDA FINANCE	\$ 2,399,542	2,400,000	0.23	0.2296	6/4/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	JOHN DEERE CAPITAL CORP	\$ 3,398,773	3,400,000	0.33	0.362852	4/12/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TOYOTA AUTO RECEIVABLES OWNER	\$ 2,299,177	2,300,000	0.22	0.4	12/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NISSAN AUTO LEASE TRUST	\$ 1,600,032	1,600,000	0.15	0.314	9/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ALLY AUTO RECEIVABLES TRUST	\$ 3,598,601	3,600,000	0.35	0.48	2/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 1,499,108	1,500,000	0.14	0.8796	6/23/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD CREDIT AUTO OWNER TRUST	\$ 4,200,084	4,200,000	0.41	0.18	7/15/2015
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	MOHAWK INDUSTRIES INC	\$ 2,299,227	2,300,000	0.22	0.55	7/23/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ING BANK NV	\$ 3,398,983	3,400,000	0.33	0.5741	1/4/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NATIONAL AUSTRALIA BANK	\$ 2,500,024	2,500,000	0.24	0.51463	6/30/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC419K8 CDS USD P V 00MEVENT	\$ (1,500,000)	(1,500,000)	0.15	1	3/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AH7801	\$ 635,623	585,406	0.06	4.5	3/1/2041
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SILENUS (EUROP LOAN COND N25)P	\$ 202,384	149,739	0.02	0.485	5/15/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CREDIT AGRICOLE HOME LOA	\$ 600,110	600,000	0.06	0.97785	7/21/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC01SN5 CDS USD P V 03MEVENT	\$ (3,000,000)	(3,000,000)	0.29	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02K76 CDS USD R F 1.00000	\$ 1,334,838	1,300,000	0.13	1	3/20/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC02K76 CDS USD P V 03MEVENT	\$ (1,300,000)	(1,300,000)	0.13	1	3/20/2019
MML PIMCO TOTAL RETURN FD	OPTIONS	317U859F1 IRO USD 5Y C1.56 JPM	\$ (4,469)	(4,400,000)	0.00	0	9/2/2014
MML PIMCO TOTAL RETURN FD	OPTIONS	317U860F8 IRO USD 5Y P1.86 JPM	\$ (16,710)	(4,400,000)	0.00	0	9/2/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC383G9 CDS USD P V 03MEVENT	\$ (1,600,000)	(1,600,000)	0.15	1	6/20/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AD3832	\$ 470,438	437,585	0.05	4.5	4/1/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	THERMO FISHER SCIENTIFIC	\$ 1,737,750	1,700,000	0.17	3.2	5/1/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL MA0175	\$ 110,092	103,731	0.01	4.5	9/1/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	KOREA HOUSING FINANCE CO	\$ 418,419	400,000	0.04	4.125	12/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	STATE BANK INDIA/LONDON	\$ 308,992	300,000	0.03	4.5	7/27/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SAN DIEGO CNTY CA REGL ARPT AU	\$ 1,414,023	1,300,000	0.14	6.628	7/1/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC329J0 CDS USD R F 1.00000	\$ 403,374	400,000	0.04	1	12/20/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC329J0 CDS USD P V 03MEVENT	\$ (400,000)	(400,000)	0.04	1	12/20/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANC OF AMERICA LARGE LOAN	\$ 993,255	889,806	0.10	5.810617	2/24/2051
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AE0480	\$ 1,745,656	1,552,071	0.17	6	7/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC440K1 CDS USD R F 1.00000	\$ 101,327	100,000	0.01	1	3/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC440K1 CDS USD P V 03MEVENT	\$ (100,000)	(100,000)	0.01	1	3/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	HYUNDAI CAPITAL SERVICES	\$ 318,936	300,000	0.03	4.375	7/27/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC421K4 CDS USD P V 03MEVENT	\$ (400,000)	(400,000)	0.04	1	3/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC419K8 CDS USD R F 1.00000	\$ 1,512,982	1,500,000	0.15	1	3/20/2016
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	CCFOBZUS0 COC USD	\$ 263,000	263,000	0.03	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANKINTER SA	\$ 3,717,163	2,600,000	0.36	3.875	10/30/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	KBC BANK NV	\$ 1,140,000	1,000,000	0.11	8	1/25/2023
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC063X9 CDS USD R F 1.00000	\$ 1,531,216	1,500,000	0.15	1	3/20/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC063X9 CDS USD P V 00MEVNT0	\$ (1,500,000)	(1,500,000)	0.15	1	3/20/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU003FJ4 IRS USD R F 1.00000	\$ 17,251,584	17,400,000	1.67	1	10/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU003FJ4 IRS USD P V 00MFFED	\$ (17,400,000)	(17,400,000)	1.68	1	10/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 808048	\$ 754,754	672,785	0.07	5.5	2/1/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AA8496	\$ 125,860	113,220	0.01	5	5/1/2034
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	BARCLAYS CASH COLL	\$ (260,000)	(260,000)	0.03	1	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GNMA POOL 487816	\$ 287,728	261,599	0.03	5	3/15/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AE0061	\$ 2,053,076	1,825,400	0.20	6	2/1/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC928L0 CDS USD R F 1.00000	\$ 201,724	200,000	0.02	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC928L0 CDS USD P V 03MEVENT	\$ (200,000)	(200,000)	0.02	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AM0359	\$ 479,917	500,000	0.05	2.31	8/1/2022
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BWU004X94 IRS USD R V 03MLIBOR	\$ 15,500,000	15,500,000	1.50	0.24285	12/18/2043
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BWU004X94 IRS USD P F 3.50000	\$ (16,093,597)	(15,500,000)	1.56	3.5	12/18/2043
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	BARCLAYS CASH COLLATERAL COC	\$ 14,000	14,000	0.00	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	CITIBANK CCP USD	\$ 351,000	351,000	0.03	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AI2733	\$ 735,538	662,041	0.07	5	5/1/2041
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC840P6 CDS USD R F 1.00000	\$ 201,911	200,000	0.02	1	6/20/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC840P6 CDS USD P V 03MEVENT	\$ (200,000)	(200,000)	0.02	1	6/20/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC234P0 CDS USD R F 1.00000	\$ 806,261	800,000	0.08	1	12/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC234P0 CDS USD P V 03MEVENT	\$ (800,000)	(800,000)	0.08	1	12/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GAZPROM (GAZ CAPITAL SA)	\$ 1,260,000	1,200,000	0.12	4.95	5/23/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 930997	\$ 1,119,229	1,026,374	0.11	4.5	4/1/2029
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 929451	\$ 37,113	33,152	0.00	5.5	5/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC26HQ7 CDS USD R F 1.00000	\$ 301,370	300,000	0.03	1	6/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC26HQ7 CDS USD P V 03MEVENT	\$ (300,000)	(300,000)	0.03	1	6/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 3,209,230	3,200,000	0.31	1	6/29/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC923E1 CDS USD R F 1.00000	\$ 1,305,530	1,300,000	0.13	1	12/20/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC923E1 CDS USD P V 03MEVENT	\$ (1,300,000)	(1,300,000)	0.13	1	12/20/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 256085	\$ 240,604	220,643	0.02	4.5	12/1/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 709741	\$ 10,784	9,701	0.00	5	6/1/2033
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC599T1 CDS USD R F 1.00000	\$ 501,586	500,000	0.05	1	9/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC599T1 CDS USD P V 03MEVENT	\$ (500,000)	(500,000)	0.05	1	9/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU004QA9 IRS MXN R F 6.00000	\$ 155,058	2,000,000	0.01	6	6/5/2023
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU004QA9 IRS MXN P V 01MTIIE	\$ (154,160)	(2,000,000)	0.01	3.3118	6/5/2023
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CERT DI CREDITO DEL TES	\$ 817,865	600,000	0.08	0.01	6/30/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC831L6 CDS USD R F 1.00000	\$ 907,981	900,000	0.09	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC831L6 CDS USD P V 03MEVENT	\$ (900,000)	(900,000)	0.09	1	6/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AE0825	\$ 871,250	774,633	0.08	6	10/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC391N4 CDS USD R F 1.00000	\$ 304,853	300,000	0.03	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC391N4 CDS USD P V 03MEVENT	\$ (300,000)	(300,000)	0.03	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC389N8 CDS USD R F 1.00000	\$ 1,016,177	1,000,000	0.10	1	9/20/2016

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC389N8 CDS USD P V 03MEVENT	\$ (1,000,000)	(1,000,000)	0.10	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC220N1 CDS USD P V 03MEVENT	\$ (100,000)	(100,000)	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC433N4 CDS USD R F 1.00000	\$ 100,862	100,000	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC433N4 CDS USD P V 03MEVENT	\$ (100,000)	(100,000)	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	CSFB CASH COLL CCP	\$ 52,000	52,000	0.01	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	IXIS REAL ESTATE CAPITAL TRUST	\$ 1,323,641	1,500,000	0.13	1.082	9/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	J.P. MORGAN ALTERNATIVE LOAN T	\$ 424,071	472,297	0.04	0.672	1/25/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 508,811	523,390	0.05	2.5	10/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 878478	\$ 279,055	247,119	0.03	6	2/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MORTGAGES PLC.	\$ 272,178	159,822	0.03	0.91438	9/20/2044
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MASTER ISSUER PLC	\$ 237,166	174,090	0.02	0.313	12/20/2054
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 884863	\$ 738,038	658,251	0.07	5.5	4/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 852931	\$ 78,649	73,499	0.01	4.5	4/1/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BEAR STEARNS ASSET BACKED SECU	\$ 1,873,942	2,000,000	0.18	0.562	12/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 2,465,174	2,831,875	0.24	5.689	10/25/2046
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 986268	\$ 2,473	2,227	0.00	5	7/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 889706	\$ 192,655	171,291	0.02	6	6/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 988578	\$ 834,873	744,721	0.08	5.5	8/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BARCLAYS BANK PLC	\$ 1,634,045	700,000	0.16	14	11/29/2049
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	ROYAL BANK CASH COLL	\$ (50,000)	(50,000)	0.00	1	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 888822	\$ 177,706	158,495	0.02	5.5	3/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 931504	\$ 226,615	208,053	0.02	4.5	7/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	KOREA ELECTRIC POWER	\$ 205,112	200,000	0.02	3	10/5/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AC1095	\$ 478,887	440,166	0.05	4.5	7/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	OPTEUM MORTGAGE ACCEPTANCE COR	\$ 367,811	415,359	0.04	0.432	12/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 746748	\$ 4,174	3,825	0.00	4.5	10/1/2033
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 782096	\$ 7,205	6,482	0.00	5	6/1/2034
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WELLS FARGO MORTGAGE BACKED SE	\$ 905,356	898,218	0.09	2.615	1/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 814079	\$ 27,934	24,901	0.00	5.5	2/1/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MASTER ISSUER PLC	\$ 147,232	147,847	0.01	0.413	12/20/2054
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GSR MORTGAGE LOAN TRUST	\$ 517,102	514,230	0.05	2.652456	9/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC383G9 CDS USD R F 5.00000	\$ 1,636,569	1,600,000	0.16	5	6/20/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	INDUS (ECLIPSE 2007 1) PLC	\$ 359,443	213,987	0.03	0.69906	1/25/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 937875	\$ 189,873	168,817	0.02	6	7/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MAJAPAHIT HOLDING BV	\$ 113,125	100,000	0.01	7.25	6/28/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WAMU MORTGAGE PASS THROUGH CER	\$ 2,156,815	2,489,399	0.21	0.932693	7/25/2047
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 942291	\$ 82,115	73,009	0.01	6	8/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MORTGAGES PLC.	\$ 81,892	47,947	0.01	0.93438	9/20/2044
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MORTGAGES PLC.	\$ 8,070	5,906	0.00	0.707	1/20/2044
MML PIMCO TOTAL RETURN FD	FIXED INCOME	HBOS PLC	\$ 2,861,153	2,100,000	0.28	0.884	3/29/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 829125	\$ 76,501	68,193	0.01	5.5	10/1/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 889584	\$ 36,421	32,484	0.00	5.5	1/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 190354	\$ 637,069	567,722	0.06	5.5	12/1/2034
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CITIBANK OMNI MASTER TRUST	\$ 601,846	600,000	0.06	2.90175	8/15/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	HILLMARK FUNDING	\$ 446,479	452,970	0.04	0.47695	5/21/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	STATE BANK INDIA/LONDON	\$ 201,658	200,000	0.02	4.5	10/23/2014
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	BARCLAYS COC	\$ 20,000	20,000	0.00	2.72	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WOODSIDE FINANCE LTD	\$ 101,381	100,000	0.01	4.5	11/10/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GERDAU HOLDINGS INC	\$ 565,000	500,000	0.05	7	1/20/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	LBG CAPITAL NO.2 PLC	\$ 2,481,530	1,000,000	0.24	15	12/21/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GNMA POOL 723541	\$ 389,416	350,012	0.04	5	12/15/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	INDIAN OIL CORP LTD	\$ 508,212	500,000	0.05	4.75	1/22/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MGM RESORTS INTL	\$ 978,750	900,000	0.09	6.875	4/1/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MAJAPAHIT HOLDING BV	\$ 225,000	200,000	0.02	7.75	10/17/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SOUNDVIEW HOME EQUITY LOAN TRU	\$ 1,275,787	1,589,417	0.12	0.312	11/25/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	WELLS FARGO HOME EQUITY TRUST	\$ 2,189,371	2,505,062	0.21	0.852	10/25/2034
MML PIMCO TOTAL RETURN FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 921,315	928,081	0.09	5.5	9/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 843055	\$ 158,269	141,159	0.02	5.5	9/1/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GRANITE MASTER ISSUER PLC	\$ 504,130	369,942	0.05	0.333	12/20/2054
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 888173	\$ 846,710	755,175	0.08	5.5	11/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 912544	\$ 115,506	103,134	0.01	5.5	2/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AH6067	\$ 10,297	9,646	0.00	4	3/1/2026
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 3,327,646	2,300,000	0.32	3.3	7/30/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU003RI3 IRS BRL R F 9.09500	\$ 86,474	200,000	0.01	9.095	1/2/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU003RI3 IRS BRL P V 00MCETIP	\$ (90,518)	(200,000)	0.01	1	1/2/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 2,962,774	2,100,000	0.29	2.25	5/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 98,212	100,000	0.01	0.875	5/21/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AL3470	\$ 1,292,533	1,217,845	0.12	4.5	1/1/2027
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MORGAN STANLEY	\$ 1,019,828	1,000,000	0.10	1.50875	4/25/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BELLSOUTH CORP	\$ 4,012,223	3,900,000	0.39	4.182	4/26/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 650386	\$ 107,942	97,101	0.01	5	7/1/2033
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 723750	\$ 22,370	21,087	0.00	4	8/1/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 727384	\$ 88,390	83,282	0.01	4.5	9/1/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 746579	\$ 34,678	31,195	0.00	5	10/1/2033
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 255271	\$ 13,353	12,036	0.00	5	6/1/2024
MML PIMCO TOTAL RETURN FD	FUTURE	3MO EURO EURIBOR SEP16	\$ -	2,750,000	0.00	0	9/19/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 789,598	800,000	0.08	0.875	2/8/2018
MML PIMCO TOTAL RETURN FD	FUTURE	3MO EURO EURIBOR MAR17	\$ -	2,750,000	0.00	0	3/13/2017
MML PIMCO TOTAL RETURN FD	FUTURE	3MO EURO EURIBOR DEC16	\$ -	2,750,000	0.00	0	12/19/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	DAIMLER FINANCE NA LLC	\$ 1,302,890	1,300,000	0.13	0.82935	1/9/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 98,574	100,000	0.01	0.875	3/7/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BWU002SF0 IRS USD R V 03MLIBOR	\$ 14,000,000	14,000,000	1.35	0.25195	6/19/2043
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BWU002SF0 IRS USD P F 2.75000	\$ (12,480,745)	(14,000,000)	1.21	2.75	6/19/2043
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU023WF1 IRS BRL R F 8.90000	\$ 172,352	400,000	0.02	8.9	1/2/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU023WF1 IRS BRL P V 00MCETIP	\$ (181,036)	(400,000)	0.02	1	1/2/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 2,389,068	2,400,000	0.23	0.875	8/28/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 1,172,007	1,200,000	0.11	1.25	8/1/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CITIGROUP INC	\$ 609,851	600,000	0.06	2.25	8/7/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 1,197,897	1,200,000	0.12	1	9/29/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 679,805	700,000	0.07	1.25	10/2/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AL0527	\$ 663,389	597,269	0.06	5	2/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 197,964	200,000	0.02	0.875	12/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 3,809,861	3,800,000	0.37	0.7	11/2/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANC OF AMERICA FUNDING CORPOR	\$ 1,404,803	1,419,055	0.14	0.411	10/3/2039
MML PIMCO TOTAL RETURN FD	FUTURE	3MO EURO EURIBOR JUN16	\$ -	2,750,000	0.00	0	6/13/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ICICI BANK LTD/DUBAI	\$ 947,776	900,000	0.09	4.75	11/25/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA JUL 15YR SINGLE FAMIL	\$ 5,193,750	5,000,000	0.50	3	12/1/2099
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 1,218,646	1,156,914	0.12	0.625	7/15/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC220N1 CDS USD R F 1.00000	\$ 100,907	100,000	0.01	1	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 2,224,449	1,500,000	0.22	4.25	10/31/2016
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR SEP16	\$ -	20,500,000	0.00	0	9/19/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ONTARIO (PROVINCE OF)	\$ 2,854,152	2,800,000	0.28	1.6	9/21/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AL0152	\$ 217,455	193,340	0.02	6	6/1/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 2,341,205	2,300,000	0.23	3.875	1/15/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR DEC16	\$ -	500,000	0.00	0	12/19/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	VOLKSWAGEN INTL FIN NV	\$ 5,754,937	5,700,000	0.56	1.625	3/22/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AB0057	\$ 2,692,583	2,423,533	0.26	5	4/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU000DB9 IRS MXN R F 5.50000	\$ 720,057	9,000,000	0.07	5.5	9/13/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU000DB9 IRS MXN P V 01MTIIE	\$ (693,722)	(9,000,000)	0.07	3.3075	9/13/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 2,434,068	1,600,000	0.24	4.75	6/1/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 2,901,879	2,900,000	0.28	1	7/28/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC602T6 CDS USD R F 1.00000	\$ 200,634	200,000	0.02	1	9/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC602T6 CDS USD P V 03MEVENT	\$ (200,000)	(200,000)	0.02	1	9/20/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 2,905,858	2,886,240	0.28	0.125	7/15/2022
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 4,564,007	3,200,000	0.44	4.5	7/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 809,939	800,000	0.08	1.25	1/30/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 10,529,015	7,400,000	1.02	4	7/30/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANK OF NOVA SCOTIA	\$ 205,151	200,000	0.02	1.95	1/30/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 151,813	100,000	0.01	4.75	5/1/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CIT GROUP INC	\$ 1,020,000	1,000,000	0.10	4.75	2/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 603,827	600,000	0.06	1.125	4/27/2017
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR MAR17	\$ -	500,000	0.00	0	3/13/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU0566V5 IRS USD R F 1.50000	\$ 7,161,422	7,100,000	0.69	1.5	3/18/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWU0566V5 IRS USD P V 03MLIBOR	\$ (7,100,000)	(7,100,000)	0.69	1	3/18/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ROYAL BK OF SCOTLAND PLC	\$ 3,283,000	2,800,000	0.32	9.5	3/16/2022
MML PIMCO TOTAL RETURN FD	FIXED INCOME	LOS ANGELES CA CMNTY CLG DIST	\$ 1,384,110	1,000,000	0.13	6.6	8/1/2042
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AD7760	\$ 812,901	761,110	0.08	4	7/1/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 664,500	600,000	0.06	6.75	9/1/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	KOREA HYDRO + NUCLEAR PO	\$ 102,530	100,000	0.01	3.125	9/16/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANCO NAC DE DESEN ECONO	\$ 145,967	100,000	0.01	4.125	9/15/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ENTERGY CORP	\$ 103,179	100,000	0.01	3.625	9/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 1,057,946	1,000,000	0.10	5.625	9/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	KOREA FINANCE CORP	\$ 104,380	100,000	0.01	3.25	9/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TRANSOCEAN INC	\$ 105,436	100,000	0.01	4.95	11/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AE3461	\$ 573,145	528,777	0.06	4.5	10/1/2040
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR MAR16	\$ -	139,250,000	0.00	0	3/14/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AH8594	\$ 347,950	321,107	0.03	4.5	3/1/2041
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AH4108	\$ 565,774	521,075	0.05	4.5	3/1/2041
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CHS / COMMUNITY HEALTH SYS INC	\$ 2,199,051	2,194,486	0.21	1	1/25/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MACQUARIE BANK LTD	\$ 1,836,734	1,600,000	0.18	6.625	4/7/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 5,785,622	4,000,000	0.56	3.75	4/15/2016
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR JUN16	\$ -	14,000,000	0.00	0	6/13/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CELULOSA ARAUCO CONSTITU	\$ 105,095	100,000	0.01	5	1/21/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	MASS INSTITUTE OF TECH	\$ 1,254,884	1,000,000	0.12	5.6	7/1/2111
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA JUL 15 SINGLE FAMILY	\$ 1,059,766	1,000,000	0.10	3.5	12/1/2099
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AA2937	\$ 3,552,106	3,323,851	0.34	4	4/1/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 575,256	400,000	0.06	3.25	4/30/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 2,546,496	1,800,000	0.25	3	11/1/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CALIFORNIA ST	\$ 598,460	500,000	0.06	5.7	11/1/2021
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR DEC15	\$ -	256,500,000	0.00	0	12/14/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANCO SANTANDER BRAS CI	\$ 832,400	800,000	0.08	4.25	1/14/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 117,379	108,363	0.01	1.125	1/15/2021
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SWPC421K4 CDS USD R F 1.00000	\$ 405,297	400,000	0.04	1	3/20/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	PROVINCE OF QUEBEC	\$ 1,036,577	1,000,000	0.10	4.25	12/1/2021
MML PIMCO TOTAL RETURN FD	EQUITY	GMAC CAPITAL TRUST I	\$ 1,201,200	44,000	0.12	0	
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 555421	\$ 107,142	96,382	0.01	5	5/1/2033

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 889996	\$ 1,915,737	1,710,778	0.19	5.5	6/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 889633	\$ 783,377	698,688	0.08	5.5	8/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GNMA POOL 688041	\$ 231,171	210,059	0.02	5	11/15/2038
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	GOLDMAN GLM CASH COLL	\$ (430,000)	(430,000)	0.04	1	12/31/2030
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	MORGAN STANLEY MSC2 CA H COLL	\$ (55,000)	(55,000)	0.01	1	12/31/2030
MML PIMCO TOTAL RETURN FD	CASH EQUIVALENT	UBS AG	\$ (20,000)	(20,000)	0.00	1	12/31/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 889982	\$ 35,044	31,299	0.00	5.5	11/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 3,203,989	2,539,384	0.31	2.5	1/15/2029
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 995482	\$ 541,232	481,848	0.05	5.5	1/1/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 210,024	200,000	0.02	7	4/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ONTARIO (PROVINCE OF)	\$ 560,462	500,000	0.05	4.4	4/14/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AD6374	\$ 102,959	92,528	0.01	5	5/1/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ALTRIA GROUP INC	\$ 1,768,869	1,700,000	0.17	4.125	9/11/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 1,262,171	900,000	0.12	3	6/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BAY AREA CA TOLL AUTH TOLL BRI	\$ 2,545,470	1,800,000	0.25	7.043	4/1/2050
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BAY AREA CA TOLL AUTH TOLL BRI	\$ 991,864	800,000	0.10	6.793	4/1/2030
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SBERBANK (SB CAP SA)	\$ 829,616	800,000	0.08	5.499	7/7/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 833,793	760,858	0.08	1.25	7/15/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	LOS ANGELES CA CMNTY CLG DIST	\$ 1,287,108	900,000	0.12	6.75	8/1/2049
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 549,005	500,000	0.05	3.75	3/27/2019
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL AA1280	\$ 97,244	87,503	0.01	5	11/1/2034
MML PIMCO TOTAL RETURN FD	FIXED INCOME	GNMA POOL 716783	\$ 2,873,764	2,614,277	0.28	5	4/15/2039
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL MA0130	\$ 34,553	31,144	0.00	5	7/1/2029
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 931412	\$ 220,598	205,312	0.02	4.5	6/1/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 993382	\$ 445,778	417,133	0.04	4	6/1/2024
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 102,068	100,000	0.01	8.7	10/1/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 305,559	300,000	0.03	3.875	1/14/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL MA0357	\$ 29,032	27,328	0.00	4	3/1/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 932561	\$ 49,239	45,801	0.00	4.5	2/1/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 5,183,776	4,400,000	0.50	6.875	4/25/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 967690	\$ 131,226	117,203	0.01	5.5	1/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	HBOS PLC	\$ 115,203	100,000	0.01	6.75	5/21/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 977014	\$ 111,179	98,925	0.01	5.5	5/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NAVIENT CORP	\$ 1,773,750	1,500,000	0.17	8.45	6/15/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 964847	\$ 20,115	18,550	0.00	4.5	8/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 985524	\$ 102,508	91,439	0.01	5.5	6/1/2038
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 956029	\$ 168,306	149,642	0.02	6	12/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 4,819,766	4,186,550	0.47	1.75	1/15/2028
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 257163	\$ 84,489	76,153	0.01	5	4/1/2028
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 871117	\$ 35,849	32,010	0.00	5.5	12/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 10,529,559	8,580,785	1.02	2.375	1/15/2027
MML PIMCO TOTAL RETURN FD	FIXED INCOME	AMERICAN INTL GROUP	\$ 1,790,000	1,600,000	0.17	6.25	3/15/2087
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 2,566,264	2,300,000	0.25	5	5/11/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FANNIE MAE	\$ 112,901	100,000	0.01	5.375	6/12/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 157,049	154,215	0.02	5.845757	6/11/2040
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FREDDIE MAC	\$ 113,818	100,000	0.01	5.5	8/23/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 888129	\$ 1,672,653	1,495,997	0.16	5.5	2/1/2037
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 888227	\$ 33,912	30,566	0.00	5	11/1/2025
MML PIMCO TOTAL RETURN FD	FUTURE	90DAY EUR FUTR SEP15	\$ -	132,500,000	0.00	0	9/14/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NOMURA ASSET ACCEPTANCE CORPOR	\$ 1,078,523	1,052,840	0.10	6.5	2/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 255582	\$ 45,812	41,292	0.00	5	1/1/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 985,006	836,024	0.10	2	1/15/2026

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 11,802,154	8,100,000	1.14	3.75	8/1/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 891588	\$ 264,546	235,946	0.03	5.5	5/1/2036
MML PIMCO TOTAL RETURN FD	FIXED INCOME	EKSPORTFINANS ASA	\$ 3,727,500	3,500,000	0.36	5.5	5/25/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	JP MORGAN CHASE BANK NA	\$ 3,391,673	3,100,000	0.33	5.875	6/13/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BANK OF AMERICA NA	\$ 2,487,008	2,500,000	0.24	0.5106	6/15/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 2,069,972	1,400,000	0.20	3.8	1/31/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	SPRINT COMMUNICATIONS	\$ 762,125	700,000	0.07	6	12/1/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 237,507	200,000	0.02	8.375	12/10/2018
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 725027	\$ 86,596	77,877	0.01	5	11/1/2033
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 725205	\$ 10,273	9,241	0.00	5	3/1/2034
MML PIMCO TOTAL RETURN FD	FIXED INCOME	TSY INFL IX N/B	\$ 2,742,325	2,263,608	0.27	2.375	1/15/2025
MML PIMCO TOTAL RETURN FD	FIXED INCOME	HCA INC	\$ 1,228,500	1,200,000	0.12	6.375	1/15/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	ALLY FINANCIAL INC	\$ 3,071,250	3,000,000	0.30	6.75	12/1/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	CITIGROUP INC	\$ 807,083	800,000	0.08	5	9/15/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	RESIDENTIAL ASSET MORTGAGE PRO	\$ 2,639,267	2,725,000	0.26	0.632	2/25/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 819566	\$ 820,662	731,943	0.08	5.5	4/1/2035
MML PIMCO TOTAL RETURN FD	FIXED INCOME	DISH DBS CORP	\$ 1,620,000	1,600,000	0.16	6.625	10/1/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 735646	\$ 87,777	82,599	0.01	4.5	7/1/2020
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 285,511	200,000	0.03	3.15	1/31/2016
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BUONI POLIENNALI DEL TES	\$ 2,551,608	1,800,000	0.25	3.75	8/1/2015
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA POOL 846520	\$ 120,710	107,661	0.01	5.5	12/1/2035
MML PIMCO TOTAL RETURN FD	CASH	EURO CURRENCY	\$ (118,394)	(86,463)	0.01	0	
MML PIMCO TOTAL RETURN FD	FIXED INCOME	BONOS Y OBLIG DEL ESTADO	\$ 1,718,353	1,100,000	0.17	5.5	7/30/2017
MML PIMCO TOTAL RETURN FD	FIXED INCOME	NAVIENT CORP	\$ 4,359,125	4,300,000	0.42	5.05	11/14/2014
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA JUL 30 SINGLE FAM	\$ 13,325,626	12,000,000	1.29	5	7/1/2099
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA AUG 30 SINGLE FAM	\$ 2,215,078	2,000,000	0.21	5	12/1/2099
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA AUG 30 SINGLE FAM	\$ 18,371,290	17,000,000	1.78	4.5	8/1/2099
MML PIMCO TOTAL RETURN FD	CASH	CANADIAN DOLLAR	\$ 236,122	251,954	0.02	0	
MML PIMCO TOTAL RETURN FD	CASH	AUSTRALIAN DOLLAR	\$ 6,194	6,569	0.00	0	
MML PIMCO TOTAL RETURN FD	CASH	MEXICAN PESO (NEW)	\$ 31,005	402,247	0.00	0	
MML PIMCO TOTAL RETURN FD	CASH	US DOLLAR	\$ (4,729,585)	(4,729,585)	0.46	0	
MML PIMCO TOTAL RETURN FD	FIXED INCOME	FNMA TBA JUL 30 SINGLE FAM	\$ 4,449,064	4,000,000	0.43	5.5	12/1/2099
MML PIMCO TOTAL RETURN FD	CASH	SINGAPORE DOLLAR	\$ 2,547	3,176	0.00	0	
MML PIMCO TOTAL RETURN FD	CASH	POUND STERLING	\$ 400,438	233,982	0.04	0	
MML PIMCO TOTAL RETURN FD	CASH	JAPANESE YEN	\$ 460	46,577	0.00	0	
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 1,213,517	1,138,687	0.56	4	1/15/2036
MML SHORT DURATION BOND FD	OPTIONS	BM1036045 BCM SWAPTION USD PAY	\$ 452,328	17,945,000	0.21	0	4/25/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 1,468,933	1,379,115	0.68	4	9/15/2039
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 675,815	634,597	0.31	4	3/15/2040
MML SHORT DURATION BOND FD	FIXED INCOME	MADISON PARK FUNDING LTD	\$ 430,687	430,000	0.20	1.72335	7/20/2026
MML SHORT DURATION BOND FD	FIXED INCOME	FREMONT HOME LOAN TRUST	\$ 114,169	117,917	0.05	0.392	1/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	QWEST CORP	\$ 356,258	315,000	0.17	8.375	5/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 113,923	117,002	0.05	0.602	8/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	321 HENDERSON RECEIVABLES LLC	\$ 468,522	443,700	0.22	3.82	12/15/2048
MML SHORT DURATION BOND FD	CASH EQUIVALENT	WPP CP LLC	\$ 2,497,752	2,500,000	1.16	0.415	9/17/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	EXPERIAN FINANCE PLC	\$ 2,800,970	2,803,000	1.30	0.33	9/18/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	PLAINS MIDSTREAM	\$ 1,499,978	1,500,000	0.70	0.26	7/3/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	HEWLETT PACKARD CO	\$ 3,999,190	4,000,000	1.86	0.27	7/28/2014
MML SHORT DURATION BOND FD	FIXED INCOME	NOVA CHEMICALS CORP	\$ 160,200	150,000	0.07	8.625	11/1/2019
MML SHORT DURATION BOND FD	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 207,427	200,000	0.10	3.791	2/15/2044
MML SHORT DURATION BOND FD	FIXED INCOME	GSAMP TRUST	\$ 99,755	106,525	0.05	0.582	4/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 255,195	237,287	0.12	5.933715	6/10/2046

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	CASH EQUIVALENT	PENTAIR FINANCE	\$ 999,942	1,000,000	0.46	0.304	7/8/2014
MML SHORT DURATION BOND FD	FIXED INCOME	ADT CORP	\$ 291,313	295,000	0.14	2.25	7/15/2017
MML SHORT DURATION BOND FD	CASH EQUIVALENT	NOBLE CORPORATION	\$ 4,559,453	4,560,000	2.12	0.27	7/17/2014
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY MORTGAGE LOAN T	\$ 52	51	0.00	2.37502	2/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 6,311	6,497	0.00	2.7455	6/25/2032
MML SHORT DURATION BOND FD	FIXED INCOME	KEYCORP STUDENT LOAN TRUST	\$ 148,685	149,144	0.07	0.52785	10/28/2041
MML SHORT DURATION BOND FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 79,998	80,045	0.04	0.32785	10/28/2026
MML SHORT DURATION BOND FD	FIXED INCOME	RELIANCE STEEL + ALUM	\$ 200,983	185,000	0.09	6.2	11/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 147,302	149,886	0.07	0.482	11/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 201,433	180,000	0.09	6.015091	2/10/2051
MML SHORT DURATION BOND FD	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 430,181	430,000	0.20	1.75771	7/15/2026
MML SHORT DURATION BOND FD	CASH EQUIVALENT	ERAC USA FINANCE LLC	\$ 2,499,067	2,500,000	1.16	0.32	8/12/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	ROCKWELL COLLINS INC	\$ 3,498,775	3,500,000	1.63	0.3	8/12/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	CAMERON INTERNATIONAL CORP	\$ 2,349,470	2,350,000	1.09	0.28	7/30/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	PALL CORPORATION	\$ 1,999,917	2,000,000	0.93	0.25	7/7/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	DENTSPLY INTL INC	\$ 3,998,770	4,000,000	1.86	0.274	8/11/2014
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 2,301,365	2,160,827	1.07	4	1/15/2040
MML SHORT DURATION BOND FD	CASH EQUIVALENT	BELL CANADA	\$ 2,499,601	2,500,000	1.16	0.25	7/24/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	FMC CORP	\$ 4,999,339	5,000,000	2.32	0.28	7/18/2014
MML SHORT DURATION BOND FD	FIXED INCOME	TRITON CONTAINER FINANCE LLC	\$ 254,603	253,333	0.12	4.21	5/14/2027
MML SHORT DURATION BOND FD	FIXED INCOME	EXELIS INC	\$ 286,377	270,000	0.13	4.25	10/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA II POOL 082488	\$ 184,953	178,494	0.09	1.625	3/20/2040
MML SHORT DURATION BOND FD	FIXED INCOME	RACE POINT CLO LTD	\$ 200,188	200,000	0.09	1.65685	11/8/2024
MML SHORT DURATION BOND FD	FIXED INCOME	KENNAMETAL INC	\$ 99,852	100,000	0.05	2.65	11/1/2019
MML SHORT DURATION BOND FD	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 92,105	91,250	0.04	4.229	1/25/2043
MML SHORT DURATION BOND FD	FIXED INCOME	HLSS SERVICER ADVANCE RECEIVAB	\$ 235,241	235,000	0.11	1.1472	5/16/2044
MML SHORT DURATION BOND FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 754,688	750,000	0.35	2.1806	6/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	NEW CENTURY HOME EQUITY LOAN T	\$ 33	32	0.00	6.79899	10/25/2028
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 478658	\$ 602	510	0.00	7	5/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 491089	\$ 7,787	6,631	0.00	7	12/15/2028
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 602008	\$ 2,503	2,067	0.00	8	8/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 581417	\$ 6,998	5,896	0.00	7	7/15/2032
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 48,538	50,000	0.02	2.652	6/17/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL G11431	\$ 2,125	2,019	0.00	6	2/1/2018
MML SHORT DURATION BOND FD	FIXED INCOME	BOSTON PROPERTIES LP	\$ 1,039,095	1,000,000	0.48	5.625	4/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	STRUCTURED ADJUSTABLE RATE MOR	\$ 10,749	10,740	0.00	2.56786	3/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 305	306	0.00	0.432	8/25/2045
MML SHORT DURATION BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 140,061	142,523	0.07	0.412	9/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	ICON BRAND HOLDINGS LLC	\$ 199,727	197,600	0.09	4.352	1/25/2043
MML SHORT DURATION BOND FD	FIXED INCOME	HORIZON FUNDING TRUST	\$ 193,970	193,607	0.09	3	5/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 154,490	153,055	0.07	2.28	11/20/2025
MML SHORT DURATION BOND FD	FIXED INCOME	HILTON GRAND VACATIONS TRUST	\$ 385,464	381,061	0.18	2.28	1/25/2026
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 116,462	120,000	0.05	1.65	12/28/2043
MML SHORT DURATION BOND FD	FIXED INCOME	DIRECT CAPITAL FUNDING LLC	\$ 384,921	385,000	0.18	1.73	8/20/2018
MML SHORT DURATION BOND FD	FIXED INCOME	FLAGSHIP CREDIT AUTO TRUST	\$ 235,206	233,696	0.11	1.94	1/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	ING INVESTMENT MANAGEMENT CLO	\$ 260,155	260,000	0.12	1.68585	1/18/2026
MML SHORT DURATION BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 303,807	290,000	0.14	3.147	2/10/2047
MML SHORT DURATION BOND FD	FIXED INCOME	STRUCTURED ASSET INVESTMENT LO	\$ 80,708	81,435	0.04	0.512	8/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	CAJUN GLOBAL LLC	\$ 214,064	206,693	0.10	5.955	2/20/2041
MML SHORT DURATION BOND FD	FIXED INCOME	NORTH CAROLINA ST ED ASSISTANC	\$ 326,295	323,709	0.15	1.12875	1/26/2026
MML SHORT DURATION BOND FD	FIXED INCOME	WF RBS COMMERCIAL MORTGAGE TRU	\$ 182,016	175,000	0.08	3.24	3/15/2044
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 751,332	750,000	0.35	2.875	7/28/2014

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	GLENCORE FINANCE CANADA	\$ 251,433	250,000	0.12	2.85	11/10/2014
MML SHORT DURATION BOND FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 74,612	72,814	0.03	3.37	7/20/2028
MML SHORT DURATION BOND FD	FIXED INCOME	FIELDSTONE MORTGAGE INVESTMENT	\$ 130,468	131,867	0.06	1.727	10/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	ARCELORMITTAL	\$ 609,750	600,000	0.28	4.25	2/25/2015
MML SHORT DURATION BOND FD	FIXED INCOME	AVIS BUDGET RENTAL CAR FUNDING	\$ 303,260	300,000	0.14	2.054	8/20/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ICICI BANK LTD/BAHRAIN	\$ 1,571,232	1,530,000	0.73	5.5	3/25/2015
MML SHORT DURATION BOND FD	FIXED INCOME	BRAMBLES USA INC	\$ 270,653	265,000	0.13	3.95	4/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	REGIONS FINANCIAL CORP	\$ 538,263	515,000	0.25	5.75	6/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	LAKE COUNTRY MORTGAGE LOAN TRU	\$ 106,705	108,339	0.05	0.932	12/25/2032
MML SHORT DURATION BOND FD	FIXED INCOME	HERTZ VEHICLE FINANCING LLC	\$ 177,297	170,000	0.08	3.74	2/25/2017
MML SHORT DURATION BOND FD	FIXED INCOME	SVO VOI MORTGAGE CORP	\$ 85,558	84,225	0.04	3.65	7/20/2027
MML SHORT DURATION BOND FD	FIXED INCOME	ASCIANO FINANCE	\$ 3,153,546	3,090,000	1.47	3.125	9/23/2015
MML SHORT DURATION BOND FD	FIXED INCOME	NATIONAL COLLEGIATE STUDENT LO	\$ 69,643	69,973	0.03	0.342	2/25/2028
MML SHORT DURATION BOND FD	FIXED INCOME	ARROW ELECTRONICS INC	\$ 356,035	345,000	0.17	3.375	11/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	GATX CORP	\$ 31,431	30,000	0.01	3.5	7/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL 554904	\$ 12	11	0.00	9	3/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL E85032	\$ 851	815	0.00	6.5	9/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL E85409	\$ 5,531	5,294	0.00	6.5	9/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 523499	\$ 125	107	0.00	8	11/1/2029
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 499410	\$ 348	294	0.00	7	7/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 226163	\$ 1,609	1,493	0.00	7.5	7/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	TIMKEN CO	\$ 166,689	165,000	0.08	6	9/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	CABOT CORP	\$ 356,532	330,000	0.17	5	10/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	VOLVO TREASURY AB	\$ 778,736	750,000	0.36	5.95	4/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	EQUIFAX INC	\$ 838,264	825,000	0.39	4.45	12/1/2014
MML SHORT DURATION BOND FD	FIXED INCOME	BCC FUNDING CORP	\$ 191,374	191,489	0.09	1.794	6/20/2020
MML SHORT DURATION BOND FD	CASH EQUIVALENT	XCEL ENERGY INC	\$ 998,625	1,000,000	0.46	0.499	10/10/2014
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 1,080,099	1,062,912	0.50	3	5/15/2038
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 1,507,341	1,449,513	0.70	3.5	12/15/2038
MML SHORT DURATION BOND FD	FIXED INCOME	FANNIE MAE	\$ 838,311	801,480	0.39	3.5	2/25/2037
MML SHORT DURATION BOND FD	FIXED INCOME	LCM LTD PARTNERSHIP	\$ 500,009	500,000	0.23	1.48645	4/15/2022
MML SHORT DURATION BOND FD	FIXED INCOME	BM1036201 IRS USD P F 2.76500	\$ (5,482,218)	(5,400,000)	2.55	2.765	4/29/2024
MML SHORT DURATION BOND FD	FIXED INCOME	CCG RECEIVABLES TRUST	\$ 219,880	220,000	0.10	1.06	11/15/2021
MML SHORT DURATION BOND FD	FIXED INCOME	TAL ADVANTAGE LLC	\$ 342,776	342,555	0.16	1.7	5/20/2039
MML SHORT DURATION BOND FD	FIXED INCOME	AERCAP IRELAND CAP LTD/A	\$ 722,425	710,000	0.34	4.5	5/15/2021
MML SHORT DURATION BOND FD	CASH EQUIVALENT	AGRIUM INC	\$ 1,348,871	1,350,000	0.63	0.35	9/25/2014
MML SHORT DURATION BOND FD	FIXED INCOME	MARTIN MARIETTA MATERIAL	\$ 204,880	205,000	0.10	1	6/30/2017
MML SHORT DURATION BOND FD	CASH EQUIVALENT	MARRIOTT INTERNATIONAL	\$ 2,349,546	2,350,000	1.09	0.29	7/25/2014
MML SHORT DURATION BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 213,388	215,000	0.10	3.375	7/15/2019
MML SHORT DURATION BOND FD	CASH EQUIVALENT	AMEREN CORP	\$ 4,500,000	4,500,000	2.09	0.18	7/1/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 47,654	47,654	0.02	0	7/1/2014
MML SHORT DURATION BOND FD	FIXED INCOME	TAL ADVANTAGE LLC	\$ 254,041	256,667	0.12	0.343	4/20/2021
MML SHORT DURATION BOND FD	FIXED INCOME	VENDEE MORTGAGE TRUST	\$ 25,553	22,756	0.01	7.75	5/15/2022
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 536386	\$ 121	101	0.00	7.5	4/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FREDDIE MAC	\$ 25,222	22,050	0.01	7	8/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 301,540	300,000	0.14	1.44	10/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	AIMCO	\$ 349,996	350,000	0.16	1.76335	7/20/2026
MML SHORT DURATION BOND FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 379,369	380,000	0.18	1.06	8/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	ICAHN ENTERPRISES/FIN	\$ 182,025	180,000	0.08	3.5	3/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	TRANSALTA CORP	\$ 210,822	210,000	0.10	1.9	6/3/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 399,008	400,000	0.19	1.11	11/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	TIDEWATER AUTO RECEIVABLES TRU	\$ 299,862	300,000	0.14	0.96	7/15/2017

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	QVC INC	\$ 152,552	150,000	0.07	3.125	4/1/2019
MML SHORT DURATION BOND FD	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 270,498	270,000	0.13	2.5	6/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	DRUG ROYALTY II LP 1	\$ 280,000	280,000	0.13	3.0821	7/15/2023
MML SHORT DURATION BOND FD	CASH EQUIVALENT	ERAC USA FINANCE LLC	\$ 1,149,167	1,150,000	0.53	0.33	9/18/2014
MML SHORT DURATION BOND FD	FIXED INCOME	ABBVIE INC	\$ 201,091	200,000	0.09	1.75	11/6/2017
MML SHORT DURATION BOND FD	FIXED INCOME	HOSPIRA INC	\$ 169,649	155,000	0.08	5.2	8/12/2020
MML SHORT DURATION BOND FD	FIXED INCOME	DBRR TRUST	\$ 321,039	318,649	0.15	1.636	12/18/2049
MML SHORT DURATION BOND FD	FIXED INCOME	ASHLAND INC	\$ 653,820	641,000	0.30	3	3/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	VERIZON COMMUNICATIONS	\$ 72,152	70,000	0.03	2.5	9/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	HLSS SERVICER ADVANCE RECEIVAB	\$ 500,250	500,000	0.23	1.2865	9/15/2044
MML SHORT DURATION BOND FD	FIXED INCOME	LEAF II RECEIVABLES FUNDING LL	\$ 690,138	690,000	0.32	0.88	11/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	GENERAL MOTORS CO	\$ 209,613	205,000	0.10	3.5	10/2/2018
MML SHORT DURATION BOND FD	FIXED INCOME	GLOBAL CONTAINER ASSET LTD	\$ 197,139	197,729	0.09	2.2	11/5/2028
MML SHORT DURATION BOND FD	FIXED INCOME	GENERAL MOTORS FINL CO	\$ 147,175	145,000	0.07	2.75	5/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 171,359	170,000	0.08	2.55	2/6/2019
MML SHORT DURATION BOND FD	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 225,541	225,000	0.10	2	2/6/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ARC PROP OPER PART LP/CL	\$ 110,417	110,000	0.05	3	2/6/2019
MML SHORT DURATION BOND FD	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 211,067	210,000	0.10	1.4	2/13/2017
MML SHORT DURATION BOND FD	FIXED INCOME	DEUTSCHE BANK AG LONDON	\$ 341,523	335,000	0.16	2.5	2/13/2019
MML SHORT DURATION BOND FD	FIXED INCOME	RYDER SYSTEM INC	\$ 65,799	65,000	0.03	2.55	6/1/2019
MML SHORT DURATION BOND FD	FIXED INCOME	ASCENTIUM EQUIPMENT RECEIVABLE	\$ 519,643	520,000	0.24	1.04	1/10/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ASCENTIUM EQUIPMENT RECEIVABLE	\$ 239,753	240,000	0.11	1.58	10/10/2018
MML SHORT DURATION BOND FD	FIXED INCOME	MCKESSON CORP	\$ 85,225	85,000	0.04	1.292	3/10/2017
MML SHORT DURATION BOND FD	FIXED INCOME	MCKESSON CORP	\$ 85,298	85,000	0.04	2.284	3/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	AXIS SPECIALTY FINAN PLC	\$ 90,776	90,000	0.04	2.65	4/1/2019
MML SHORT DURATION BOND FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 2,493,292	2,500,000	1.16	0.611	12/9/2014
MML SHORT DURATION BOND FD	CASH EQUIVALENT	SEMPRA ENERGY HOLDIN	\$ 2,487,944	2,500,000	1.16	0.715	3/6/2015
MML SHORT DURATION BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 365,000	365,000	0.17	0.952	3/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	NEW RESIDENTIAL ADVANCE RECEIV	\$ 455,501	455,000	0.21	1.2736	3/15/2045
MML SHORT DURATION BOND FD	FIXED INCOME	SKANDINAVISKA ENSKILDA	\$ 201,740	200,000	0.09	2.375	3/25/2019
MML SHORT DURATION BOND FD	FIXED INCOME	CARLYLE GLOBAL MARKET STRATEGI	\$ 536,144	535,000	0.25	1.7561	4/17/2025
MML SHORT DURATION BOND FD	FIXED INCOME	ELEMENT RAIL LEASING I LLC	\$ 253,576	253,593	0.12	2.299	4/19/2044
MML SHORT DURATION BOND FD	CASH EQUIVALENT	VODAFONE GROUP PLC	\$ 1,991,414	2,000,000	0.93	0.55	4/8/2015
MML SHORT DURATION BOND FD	FIXED INCOME	AIR LEASE CORP	\$ 375,494	365,000	0.17	3.375	1/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	ENERGY TRANSFER PARTNERS	\$ 183,800	200,000	0.09	3.24285	11/1/2066
MML SHORT DURATION BOND FD	FIXED INCOME	TRADE MAPS LTD	\$ 356,221	355,000	0.17	0.8535	12/10/2018
MML SHORT DURATION BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 273,682	272,849	0.13	1.54	7/16/2018
MML SHORT DURATION BOND FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 478,627	478,511	0.22	1.14	3/12/2018
MML SHORT DURATION BOND FD	FIXED INCOME	DOMTAR CORP	\$ 296,719	280,000	0.14	7.125	8/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	SPECIALTY UNDERWRITING + RESID	\$ 29,420	29,592	0.01	0.492	3/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	PENNSYLVANIA HIGHER EDUCATION	\$ 29,734	29,738	0.01	0.30875	1/25/2018
MML SHORT DURATION BOND FD	FIXED INCOME	DRUG ROYALTY CORPORATION, INC.	\$ 157,953	152,308	0.07	5.47645	7/15/2024
MML SHORT DURATION BOND FD	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 818,174	770,000	0.38	3.75	5/11/2017
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 1,049,927	1,000,000	0.49	3.8	4/29/2016
MML SHORT DURATION BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 195,920	200,000	0.09	1.652	6/15/2043
MML SHORT DURATION BOND FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 793,796	741,000	0.37	5.75	5/15/2016
MML SHORT DURATION BOND FD	CASH EQUIVALENT	XCEL ENERGY INC	\$ 1,999,711	2,000,000	0.93	0.01	7/14/2014
MML SHORT DURATION BOND FD	FIXED INCOME	PETROLEOS MEXICANOS	\$ 51,725	50,000	0.02	3.125	1/23/2019
MML SHORT DURATION BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 106,444	105,000	0.05	3.25	2/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	AMPHENOL CORP	\$ 218,022	215,000	0.10	2.55	1/30/2019
MML SHORT DURATION BOND FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 221,890	221,310	0.10	1.29	5/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 49,870	49,767	0.02	1.89	7/15/2016

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	CAPITAL AUTOMOTIVE REIT	\$ 204,947	199,324	0.10	4.7	7/15/2042
MML SHORT DURATION BOND FD	FIXED INCOME	NEW YORK CITY TAX LIEN	\$ 47,960	47,950	0.02	1.23	11/10/2025
MML SHORT DURATION BOND FD	FIXED INCOME	US TREASURY N/B	\$ 1,998,434	2,105,000	0.93	1.625	8/15/2022
MML SHORT DURATION BOND FD	FIXED INCOME	RYDER SYSTEM INC	\$ 487,899	475,000	0.23	2.5	3/1/2018
MML SHORT DURATION BOND FD	FIXED INCOME	SESI LLC	\$ 524,288	465,000	0.24	7.125	12/15/2021
MML SHORT DURATION BOND FD	FIXED INCOME	PFS FINANCING CORP	\$ 1,001,155	1,000,000	0.47	0.85175	10/17/2016
MML SHORT DURATION BOND FD	FIXED INCOME	US TREASURY N/B	\$ 864,148	875,000	0.40	0.625	9/30/2017
MML SHORT DURATION BOND FD	FIXED INCOME	PENSKE TRUCK LEASING/PTL	\$ 128,491	125,000	0.06	2.5	3/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	REALTY INCOME CORP	\$ 25,118	25,000	0.01	2	1/31/2018
MML SHORT DURATION BOND FD	FIXED INCOME	GLENCORE FUNDING LLC	\$ 372,359	369,000	0.17	1.7	5/27/2016
MML SHORT DURATION BOND FD	FIXED INCOME	CARNOW AUTO RECEIVABLES TRUST	\$ 84,089	84,096	0.04	1.16	10/16/2017
MML SHORT DURATION BOND FD	FIXED INCOME	DT AUTO OWNER TRUST	\$ 70,628	70,620	0.03	0.75	5/16/2016
MML SHORT DURATION BOND FD	FIXED INCOME	CALIFORNIA REPUBLIC AUTO RECEI	\$ 630,132	626,698	0.29	1.41	9/17/2018
MML SHORT DURATION BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 518,784	517,082	0.24	1.82	9/15/2020
MML SHORT DURATION BOND FD	FIXED INCOME	NATIONS EQUIPMENT FINANCE FUND	\$ 217,160	217,160	0.10	1.697	11/20/2016
MML SHORT DURATION BOND FD	FIXED INCOME	RIO TINTO FIN USA PLC	\$ 734,857	727,000	0.34	1.375	6/17/2016
MML SHORT DURATION BOND FD	FIXED INCOME	MVW OWNER TRUST	\$ 310,111	307,311	0.14	2.15	4/22/2030
MML SHORT DURATION BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 102,125	100,000	0.05	3.625	4/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	STANFIELD BRISTOL CLO LTD	\$ 542,095	545,000	0.25	0.67385	10/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	BOMBARDIER INC	\$ 410,935	398,000	0.19	4.25	1/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 153,000	150,000	0.07	3.875	11/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	ARROW ELECTRONICS INC	\$ 108,560	105,000	0.05	3	3/1/2018
MML SHORT DURATION BOND FD	FIXED INCOME	SPRINGLEAF FUNDING TRUST	\$ 226,649	225,000	0.11	2.58	9/15/2021
MML SHORT DURATION BOND FD	FIXED INCOME	INTL LEASE FINANCE CORP	\$ 102,500	100,000	0.05	3.875	4/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 654,063	650,000	0.30	3.25	3/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FRS 2013 1A A1	\$ 128,889	129,390	0.06	1.8	4/15/2043
MML SHORT DURATION BOND FD	FIXED INCOME	FLAGSHIP CREDIT AUTO TRUST	\$ 141,877	141,659	0.07	1.32	4/16/2018
MML SHORT DURATION BOND FD	FIXED INCOME	EXETER AUTOMOBILE RECEIVABLES	\$ 103,097	102,901	0.05	1.29	10/16/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CFC LLC	\$ 78,183	77,966	0.04	1.65	7/17/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ORACLE CORP	\$ 199,732	200,000	0.09	1.2	10/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	GLENCORE FINANCE CANADA	\$ 176,982	175,000	0.08	2.05	10/23/2015
MML SHORT DURATION BOND FD	FIXED INCOME	AIR LEASE CORP	\$ 71,256	65,000	0.03	5.625	4/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ROPER INDUSTRIES INC	\$ 352,914	350,000	0.16	1.85	11/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	GOLDMAN SACHS GROUP INC	\$ 232,386	230,000	0.11	1.6	11/23/2015
MML SHORT DURATION BOND FD	FIXED INCOME	BAIDU INC	\$ 202,248	200,000	0.09	2.25	11/28/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CNH INDUSTRIAL CAPITAL L	\$ 206,150	190,000	0.10	6.25	11/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ARL FIRST LLC	\$ 128,843	125,777	0.06	1.90175	12/15/2042
MML SHORT DURATION BOND FD	FIXED INCOME	STRPS 2012 1 LTD	\$ 146,629	148,110	0.07	1.5	12/25/2044
MML SHORT DURATION BOND FD	FIXED INCOME	HERCULES CAPITAL FUNDING TRUST	\$ 115,558	115,198	0.05	3.32	12/16/2017
MML SHORT DURATION BOND FD	FIXED INCOME	HFG HEALTHCO 4 LLC	\$ 253,847	250,000	0.12	2.4009	6/2/2017
MML SHORT DURATION BOND FD	FIXED INCOME	PROLOGIS LP	\$ 641,907	550,000	0.30	6.625	5/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 245,266	235,000	0.11	3.386	7/10/2044
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY REREMIC TRUST	\$ 19,252	19,180	0.01	2.5	3/23/2051
MML SHORT DURATION BOND FD	FIXED INCOME	TRIP RAIL MASTER FUNDING LLC	\$ 351,914	341,657	0.16	2.65175	7/15/2041
MML SHORT DURATION BOND FD	FIXED INCOME	CAPITAL ONE FINANCIAL CO	\$ 150,102	150,000	0.07	2.125	7/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	RENTAL CAR FINANCE CORP	\$ 130,898	130,000	0.06	2.51	2/25/2016
MML SHORT DURATION BOND FD	FIXED INCOME	US TREASURY N/B	\$ 2,658,286	2,660,000	1.24	2.125	8/15/2021
MML SHORT DURATION BOND FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 51,087	51,270	0.02	0.502	9/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 128,827	127,712	0.06	2.238	8/10/2044
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 187,500	185,207	0.09	1.55175	8/15/2025
MML SHORT DURATION BOND FD	FIXED INCOME	AMERICAN CREDIT ACCEPTANCE REC	\$ 227,833	227,958	0.11	0.99	10/10/2017
MML SHORT DURATION BOND FD	FUTURE	US 10YR NOTE (GBT)SEP14	\$ -	9,500,000	0.00	0	9/19/2014

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	US TREASURY N/B	\$ 2,023,847	2,020,000	0.94	1.625	4/30/2019
MML SHORT DURATION BOND FD	FIXED INCOME	GLENCORE FUNDING LLC	\$ 367,128	360,000	0.17	3.125	4/29/2019
MML SHORT DURATION BOND FD	FIXED INCOME	BM1036201 IRS USD R V 03MLIBOR	\$ 5,400,000	5,400,000	2.51	0.2266	4/29/2024
MML SHORT DURATION BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 178,750	175,000	0.08	2.2	12/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	INCITEC PIVOT LTD	\$ 1,132,291	1,090,000	0.53	4	12/7/2015
MML SHORT DURATION BOND FD	FIXED INCOME	FIRST HORIZON NATIONAL	\$ 2,098,798	1,984,000	0.98	5.375	12/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	ACE SECURITIES CORP.	\$ 90,555	91,570	0.04	0.422	8/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	PETROBRAS INTL FIN CO	\$ 1,031,050	1,000,000	0.48	3.875	1/27/2016
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA II POOL 082462	\$ 169,899	160,873	0.08	3.5	1/20/2040
MML SHORT DURATION BOND FD	FIXED INCOME	GATX CORP	\$ 72,510	70,000	0.03	4.75	5/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	WELLS FARGO + COMPANY	\$ 215,425	210,000	0.10	3.625	4/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	LEAR CORP	\$ 334,714	311,000	0.16	8.125	3/15/2020
MML SHORT DURATION BOND FD	FIXED INCOME	NOMURA HOME EQUITY LOAN INC	\$ 26,022	26,167	0.01	0.622	5/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	MYLAN INC	\$ 940,830	850,000	0.44	7.875	7/15/2020
MML SHORT DURATION BOND FD	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 378,000	450,000	0.18	1.652	1/25/2047
MML SHORT DURATION BOND FD	FIXED INCOME	LAFARGE SA	\$ 419,000	400,000	0.19	6.2	7/9/2015
MML SHORT DURATION BOND FD	FIXED INCOME	ROWAN COMPANIES INC	\$ 59,654	55,000	0.03	5	9/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 137,379	135,000	0.06	2.125	9/13/2015
MML SHORT DURATION BOND FD	FIXED INCOME	EXPEDIA INC	\$ 409,146	345,000	0.19	7.456	8/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	IMPAC SECURED ASSETS CORP.	\$ 72,309	111,092	0.03	0.262	5/25/2037
MML SHORT DURATION BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 91,345	100,000	0.04	1.88	6/15/2043
MML SHORT DURATION BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 137,956	140,771	0.06	0.352	8/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	MACYS RETAIL HLDGS INC	\$ 105,670	90,000	0.05	7.45	7/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ACCESS GROUP INC	\$ 166,164	179,649	0.08	1.23	7/1/2038
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 476,832	425,000	0.22	5.915	6/11/2050
MML SHORT DURATION BOND FD	FIXED INCOME	COLLEGE LOAN CORPORATION TRUST	\$ 534,687	550,000	0.25	0.47875	1/25/2024
MML SHORT DURATION BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 284,896	257,029	0.13	5.948091	2/10/2051
MML SHORT DURATION BOND FD	FIXED INCOME	GALAXY CLO LTD	\$ 572,613	574,868	0.27	0.46875	4/25/2019
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 171,065	150,000	0.08	6.45439	1/11/2043
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 725692	\$ 65,211	61,794	0.03	2.269	10/1/2033
MML SHORT DURATION BOND FD	FIXED INCOME	BANC OF AMERICA COMMERCIAL MOR	\$ 537,003	475,000	0.25	6.41825	2/10/2051
MML SHORT DURATION BOND FD	FIXED INCOME	CPS AUTO TRUST	\$ 313,657	311,179	0.15	9.25	1/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	FIRST INVESTORS AUTO OWNER TRU	\$ 23,844	23,793	0.01	1.96	11/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	WYNDHAM WORLDWIDE CORP	\$ 171,382	165,000	0.08	2.95	3/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	DOMINOS PIZZA MASTER ISSUER LL	\$ 479,999	444,475	0.22	5.216	1/25/2042
MML SHORT DURATION BOND FD	FIXED INCOME	SIERRA RECEIVABLES FUNDING CO	\$ 85,731	84,271	0.04	2.84	11/20/2028
MML SHORT DURATION BOND FD	FIXED INCOME	CREDIT ACCEPTANCE AUTO LOAN TR	\$ 217,751	216,725	0.10	2.2	9/16/2019
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 468,083	465,857	0.22	1.25175	12/15/2021
MML SHORT DURATION BOND FD	FIXED INCOME	WHEELS SPV LLC	\$ 70,886	70,727	0.03	1.19	3/20/2021
MML SHORT DURATION BOND FD	FIXED INCOME	OXFORD FINANCE FUNDING TRUST	\$ 138,958	138,095	0.06	3.9	3/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ENTERPRISE FLEET FINANCING LLC	\$ 127,283	127,038	0.06	1.14	11/20/2017
MML SHORT DURATION BOND FD	FIXED INCOME	TRAFIGURA SECURITISATION FINAN	\$ 317,279	314,000	0.15	2.55175	10/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 297,346	290,000	0.14	3.01	4/16/2018
MML SHORT DURATION BOND FD	FIXED INCOME	CHESAPEAKE FUNDING LLC	\$ 213,731	213,020	0.10	0.901	11/7/2023
MML SHORT DURATION BOND FD	FIXED INCOME	ARI FLEET LEASE TRUST	\$ 81,534	81,439	0.04	0.70175	3/15/2020
MML SHORT DURATION BOND FD	FIXED INCOME	NEWELL RUBBERMAID INC	\$ 116,466	115,000	0.05	2	6/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	BUNGE LIMITED FINANCE CO	\$ 208,527	200,000	0.10	3.2	6/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	HEATHROW FUNDING LTD	\$ 203,266	200,000	0.09	2.5	6/25/2017
MML SHORT DURATION BOND FD	FIXED INCOME	SANTANDER DRIVE AUTO RECEIVABL	\$ 267,276	260,000	0.12	2.94	12/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	LYONDELLBASELL IND NV	\$ 225,595	200,000	0.10	5	4/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	US TREASURY N/B	\$ 3,131,275	3,115,000	1.46	1.5	8/31/2018
MML SHORT DURATION BOND FD	FIXED INCOME	HEWLETT PACKARD CO	\$ 88,515	85,000	0.04	3	9/15/2016

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	WARNER CHILCOTT CO LLC	\$ 210,258	200,000	0.10	7.75	9/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 463,151	455,000	0.22	3.875	1/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	PFS FINANCING CORP	\$ 350,917	350,000	0.16	1.65175	10/17/2016
MML SHORT DURATION BOND FD	FIXED INCOME	SPRINT COMMUNICATIONS	\$ 478,938	395,000	0.22	9	11/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	ENTERPRISE FLEET FINANCING LLC	\$ 22,708	22,687	0.01	1.62	5/20/2017
MML SHORT DURATION BOND FD	FIXED INCOME	TRANSOCEAN INC	\$ 108,632	100,000	0.05	5.05	12/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 336,263	315,000	0.16	5	5/1/2018
MML SHORT DURATION BOND FD	FIXED INCOME	SESI LLC	\$ 117,425	110,000	0.05	6.375	5/1/2019
MML SHORT DURATION BOND FD	FIXED INCOME	DBUBS MORTGAGE TRUST	\$ 377,501	362,658	0.18	3.742	11/10/2046
MML SHORT DURATION BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 928,733	890,000	0.43	3.45	3/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ILLINOIS ST	\$ 437,756	400,000	0.20	5.365	3/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	BEST BUY CO INC	\$ 592,250	575,000	0.28	3.75	3/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	WILLIS GROUP HOLDING PLC	\$ 57,508	55,000	0.03	4.125	3/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ASCIANO FINANCE	\$ 160,064	147,000	0.07	5	4/7/2018
MML SHORT DURATION BOND FD	FIXED INCOME	LOUISIANA ST PUBLIC FACS AUTH	\$ 174,788	173,778	0.08	1.12875	4/26/2027
MML SHORT DURATION BOND FD	FIXED INCOME	JABIL CIRCUIT INC	\$ 107,100	90,000	0.05	8.25	3/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	CALIFORNIA ST	\$ 81,869	75,000	0.04	5.95	4/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	UAL 1991 EQUIP TRUST	\$ 2,789	6,972	0.00	10.11	2/19/2006
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 371146	\$ 713	625	0.00	7	9/15/2023
MML SHORT DURATION BOND FD	FIXED INCOME	ERAC USA FINANCE LLC	\$ 1,067,469	1,000,000	0.50	5.9	11/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	KANSAS GAS + ELECTRIC CO	\$ 37,440	34,836	0.02	5.647	3/29/2021
MML SHORT DURATION BOND FD	FIXED INCOME	R.R. DONNELLEY + SONS	\$ 11,358	11,000	0.01	5.5	5/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 374,351	355,000	0.17	5.504726	12/15/2044
MML SHORT DURATION BOND FD	FIXED INCOME	AMERIQUEST MORTGAGE SECURITIES	\$ 35,512	35,568	0.02	0.892	11/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	TEXTRON INC	\$ 936,707	900,000	0.44	6.2	3/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	CITIGROUP INC	\$ 52,751	52,000	0.02	5.5	10/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	RPM INTERNATIONAL INC	\$ 345,344	300,000	0.16	6.125	10/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	MARRIOTT VACATION CLUB OWNER T	\$ 325,466	319,451	0.15	4.809	7/20/2031
MML SHORT DURATION BOND FD	FIXED INCOME	HERTZ VEHICLE FINANCING LLC	\$ 102,379	100,000	0.05	5.29	3/25/2016
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 340,034	335,000	0.16	4.2	11/20/2014
MML SHORT DURATION BOND FD	FIXED INCOME	XEROX CORPORATION	\$ 92,073	90,000	0.04	4.25	2/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	PRUDENTIAL FINANCIAL INC	\$ 117,131	115,000	0.05	3.875	1/14/2015
MML SHORT DURATION BOND FD	FIXED INCOME	NEWFIELD EXPLORATION CO	\$ 159,000	150,000	0.07	6.875	2/1/2020
MML SHORT DURATION BOND FD	FIXED INCOME	AMERICAN TOWER CORP	\$ 926,990	900,000	0.43	4.625	4/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 775539	\$ 24,614	23,311	0.01	2.117	5/1/2034
MML SHORT DURATION BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 279,616	250,000	0.13	5.856	9/12/2049
MML SHORT DURATION BOND FD	FIXED INCOME	ARCELORMITTAL	\$ 870,463	830,000	0.40	9.5	2/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	WPP FINANCE (UK)	\$ 619,090	610,000	0.29	8	9/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	DOMTAR CORP	\$ 497,950	400,000	0.23	10.75	6/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	ENABLE OKLAHOMA INTRASTR	\$ 305,540	305,000	0.14	6.875	7/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 200,157	202,392	0.09	0.582	5/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	JABIL CIRCUIT INC	\$ 164,031	145,000	0.08	7.75	7/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	CITIGROUP INC	\$ 439,908	437,000	0.20	6.375	8/12/2014
MML SHORT DURATION BOND FD	FIXED INCOME	DUKE REALTY LP	\$ 251,536	200,000	0.12	8.25	8/15/2019
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 203940	\$ 1,037	970	0.00	7.5	4/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 1,737	1,864	0.00	2.225027	2/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 135,720	138,122	0.06	0.652	3/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	CENTURYLINK INC	\$ 801,681	785,000	0.37	5	2/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	ANIXTER INC	\$ 118,306	115,000	0.05	5.95	3/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	AFFILIATED COMPUTER SVCS	\$ 432,274	415,000	0.20	5.2	6/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	MASCO CORP	\$ 507,208	490,000	0.24	4.8	6/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 309,219	300,000	0.14	4.78	7/15/2042

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 100,530	95,000	0.05	4.75	1/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	SMS STUDENT LOAN TRUST	\$ 40,894	40,994	0.02	0.41785	10/28/2028
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 349,093	335,000	0.16	4.943	9/11/2042
MML SHORT DURATION BOND FD	FIXED INCOME	OAK HILL CREDIT PARTNERS	\$ 297,072	297,205	0.14	0.47585	5/17/2021
MML SHORT DURATION BOND FD	FIXED INCOME	LONG BEACH MORTGAGE LOAN TRUST	\$ 328,182	347,066	0.15	0.977	6/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	NORTHSTAR EDUCATION FINANCE, I	\$ 75,707	75,828	0.04	0.43935	5/28/2026
MML SHORT DURATION BOND FD	FIXED INCOME	STRUCTURED ASSET SECURITIES CO	\$ 140,186	142,613	0.07	0.4	11/25/2037
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL E85301	\$ 9,509	9,071	0.00	6.5	9/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 193870	\$ 948	882	0.00	7.5	5/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 6,101	6,109	0.00	0.342	3/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 169,838	190,502	0.08	0.44875	3/25/2044
MML SHORT DURATION BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 523,237	485,000	0.24	5.204	12/12/2049
MML SHORT DURATION BOND FD	FIXED INCOME	KEYCORP STUDENT LOAN TRUST	\$ 249,891	260,000	0.12	0.54385	9/27/2035
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 243,794	225,000	0.11	5.243	12/11/2038
MML SHORT DURATION BOND FD	FIXED INCOME	SLC STUDENT LOAN TRUST	\$ 623,977	627,816	0.29	0.39645	7/15/2036
MML SHORT DURATION BOND FD	FIXED INCOME	SECURITY NATIONAL MORTGAGE LOA	\$ 283,797	284,708	0.13	0.432	1/25/2037
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 434,665	400,000	0.20	5.447	2/12/2044
MML SHORT DURATION BOND FD	FIXED INCOME	GCO EDUCATION LOAN FUNDING TRU	\$ 137,544	138,664	0.06	0.29715	5/25/2023
MML SHORT DURATION BOND FD	FIXED INCOME	ACCESS GROUP INC	\$ 53,924	54,158	0.03	0.35715	8/25/2026
MML SHORT DURATION BOND FD	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 1,301	1,443	0.00	3.01081	9/25/2033
MML SHORT DURATION BOND FD	FIXED INCOME	GCO EDUCATION LOAN FUNDING TRU	\$ 349,111	349,692	0.16	0.32715	8/25/2025
MML SHORT DURATION BOND FD	FIXED INCOME	GSR MORTGAGE LOAN TRUST	\$ 4,044	4,266	0.00	2.544331	8/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	HARSCO CORP	\$ 1,115,678	1,106,000	0.52	2.7	10/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	SVB FINANCIAL GROUP	\$ 84,875	75,000	0.04	5.375	9/15/2020
MML SHORT DURATION BOND FD	FIXED INCOME	TRANSOCEAN INC	\$ 999,535	948,000	0.46	4.95	11/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	HYUNDAI CAPITAL AMERICA	\$ 1,962,300	1,875,000	0.91	3.75	4/6/2016
MML SHORT DURATION BOND FD	FIXED INCOME	NELNET STUDENT LOAN TRUST	\$ 110,270	109,028	0.05	0.952	4/25/2046
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 252926	\$ 88	73	0.00	8	12/1/2029
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 352022	\$ 3,397	2,967	0.00	7	11/15/2023
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 510083	\$ 628	535	0.00	7	7/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 537033	\$ 1,102	909	0.00	8	4/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 530299	\$ 114	96	0.00	7.5	3/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 587994	\$ 1,097	1,055	0.00	6	6/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 591581	\$ 3,602	3,030	0.00	7	8/15/2032
MML SHORT DURATION BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 1,013	1,006	0.00	2.533814	7/25/2033
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 125,000	125,000	0.06	0.302	12/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 26,153	26,300	0.01	0.562	12/25/2033
MML SHORT DURATION BOND FD	FIXED INCOME	COUNTRYWIDE HOME LOANS	\$ 5,372	5,447	0.00	2.65873	2/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	WAMU MORTGAGE PASS THROUGH CER	\$ 24,953	24,334	0.01	1.522693	4/25/2044
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 27,620	27,614	0.01	5.468	6/11/2041
MML SHORT DURATION BOND FD	FIXED INCOME	INDYMAC INDX MORTGAGE LOAN TRU	\$ 13,244	15,507	0.01	2.355341	8/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	BANC OF AMERICA MORTGAGE SECUR	\$ 21,956	22,473	0.01	2.843077	8/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	BOARDWALK PIPELINES LLC	\$ 412,172	375,000	0.19	5.875	11/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FIRST FRANKLIN MTG LOAN ASSET	\$ 228,414	243,857	0.11	0.572	5/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 276,774	255,000	0.13	5.201	12/11/2038
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.05	0.303	12/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 216,392	200,000	0.10	5.37	12/15/2043
MML SHORT DURATION BOND FD	FIXED INCOME	FEDERAL REALTY INVS TRST	\$ 898,744	800,000	0.42	6.2	1/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	LAFARGE SA	\$ 202,575	185,000	0.09	6.5	7/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	REALTY INCOME CORP	\$ 827,454	750,000	0.38	5.95	9/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	AVNET INC	\$ 243,703	220,000	0.11	6.625	9/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 313,768	290,000	0.15	5.568	10/12/2041

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	CREDIT BASED ASSET SERVICING A	\$ 100,210	100,777	0.05	0.442	7/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 523,394	485,000	0.24	5.429	12/12/2043
MML SHORT DURATION BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 436,547	390,000	0.20	5.98761	12/10/2049
MML SHORT DURATION BOND FD	FIXED INCOME	LAZARD GROUP LLC	\$ 248,461	219,000	0.12	6.85	6/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	PITNEY BOWES INC	\$ 37,022	33,000	0.02	5.75	9/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 122,409	110,000	0.06	5.694	6/11/2050
MML SHORT DURATION BOND FD	FIXED INCOME	LEUCADIA NATIONAL CORP	\$ 539,375	500,000	0.25	8.125	9/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 533,883	480,000	0.25	5.7	9/12/2049
MML SHORT DURATION BOND FD	FUTURE	90DAY EUR FUTR SEP14	\$ -	(10,000,000)	-	0	9/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	CONSTELLATION BRANDS INC	\$ 655,241	635,000	0.30	8.375	12/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 888586	\$ 66,389	62,725	0.03	2.342	10/1/2034
MML SHORT DURATION BOND FD	FIXED INCOME	HOME EQUITY ASSET TRUST	\$ 86,826	89,008	0.04	0.322	8/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE SYNTHET	\$ 367,179	373,748	0.17	0.8845	6/28/2035
MML SHORT DURATION BOND FD	FIXED INCOME	MERRILL LYNCH MORTGAGE INVESTO	\$ 24,390	26,476	0.01	0.402	8/25/2036
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL INC	\$ 566,262	581,271	0.26	1.097	4/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL INC	\$ 197,665	200,256	0.09	0.902	7/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	NATIONAL COLLEGIATE STUDENT LO	\$ 425,856	429,878	0.20	0.4926	6/25/2027
MML SHORT DURATION BOND FD	FIXED INCOME	PARK PLACE SECURITIES INC	\$ 162,154	165,150	0.08	0.532	8/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	DUKE REALTY LP	\$ 267,801	250,000	0.12	5.5	3/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 45,583	45,686	0.02	0.3906	12/15/2022
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 430,264	400,000	0.20	5.93693	9/11/2038
MML SHORT DURATION BOND FD	FIXED INCOME	ML CFC COMMERCIAL MORTGAGE TRU	\$ 262,441	244,225	0.12	6.06586	6/12/2046
MML SHORT DURATION BOND FD	FIXED INCOME	GOAL CAPITAL FUNDING TRUST	\$ 165,765	166,354	0.08	0.34715	11/25/2026
MML SHORT DURATION BOND FD	FIXED INCOME	CITIGROUP MORTGAGE LOAN TRUST	\$ 79,434	82,250	0.04	0.582	7/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	RESIDENTIAL ASSET SECURITIES C	\$ 255,036	267,669	0.12	0.582	11/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	DUKE REALTY LP	\$ 611,291	550,000	0.28	5.95	2/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CLI FUNDING LLC	\$ 401,169	402,141	0.19	0.334	8/18/2021
MML SHORT DURATION BOND FD	FIXED INCOME	ACCESS GROUP INC	\$ 241,364	243,293	0.11	0.48875	4/25/2029
MML SHORT DURATION BOND FD	FIXED INCOME	COUNTRYWIDE PARTNERSHIP TRUST	\$ 93,204	102,644	0.04	1.052	2/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	EDUCATION FUNDING CAPITAL TRUS	\$ 248,438	250,000	0.12	1.651	6/15/2043
MML SHORT DURATION BOND FD	FIXED INCOME	ASSET BACKED SECURITIES CORP H	\$ 77,734	78,647	0.04	0.827	2/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	VALE OVERSEAS LIMITED	\$ 1,343,234	1,250,000	0.62	6.25	1/11/2016
MML SHORT DURATION BOND FD	FIXED INCOME	ASSET BACKED FUNDING CERTIFICA	\$ 115,424	116,829	0.05	0.812	6/25/2035
MML SHORT DURATION BOND FD	FIXED INCOME	IPALCO ENTERPRISES INC	\$ 2,299,900	2,110,000	1.07	7.25	4/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY	\$ 183,139	175,000	0.09	6	4/28/2015
MML SHORT DURATION BOND FD	FIXED INCOME	FORD MOTOR CREDIT CO LLC	\$ 236,205	215,000	0.11	12	5/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	REGIONS BANK	\$ 154,728	130,000	0.07	7.5	5/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	TYCO ELECTRONICS GROUP S	\$ 810,030	700,000	0.38	6.55	10/1/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 38,550	40,000	0.02	2.25	12/15/2038
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL E85389	\$ 2,513	2,403	0.00	6	9/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 1,331,663	1,200,000	0.62	5.7	5/2/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CHESAPEAKE ENERGY CORP	\$ 417,788	390,000	0.19	2.5	5/15/2037
MML SHORT DURATION BOND FD	FIXED INCOME	WACHOVIA BANK COMMERCIAL MORTG	\$ 254,047	235,000	0.12	5.509	4/15/2047
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 65,221	64,604	0.03	5.61	4/15/2049
MML SHORT DURATION BOND FD	FIXED INCOME	OWENS CORNING	\$ 752,796	675,000	0.35	6.5	12/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	JANUS CAPITAL GROUP INC	\$ 1,078,741	953,000	0.50	6.7	6/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	COMMERCIAL METALS CO	\$ 133,650	120,000	0.06	6.5	7/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	HIGHWOODS REALTY LIMITED	\$ 305,649	275,000	0.14	5.85	3/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	TIAA SEASONED COMMERCIAL MORTG	\$ 209,629	200,000	0.10	5.564473	8/15/2039
MML SHORT DURATION BOND FD	FIXED INCOME	TIAA SEASONED COMMERCIAL MORTG	\$ 156,197	153,729	0.07	5.564473	8/15/2039
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 300,442	295,000	0.14	5.116	2/11/2041
MML SHORT DURATION BOND FD	FIXED INCOME	DDR CORP	\$ 913,528	880,000	0.42	5.5	5/1/2015

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SHORT DURATION BOND FD	FIXED INCOME	UDR INC	\$ 410,026	400,000	0.19	5.25	1/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	HOUSEHOLD HOME EQUITY LOAN TRU	\$ 142,973	158,271	0.07	0.683	1/20/2034
MML SHORT DURATION BOND FD	FIXED INCOME	UDR INC	\$ 372,465	350,000	0.17	5.25	1/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	REGENCY CENTERS LP	\$ 895,297	855,000	0.42	5.25	8/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	WEATHERFORD BERMUDA	\$ 241,356	225,000	0.11	5.5	2/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	TYSON FOODS INC	\$ 558,638	510,000	0.26	6.6	4/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	JP MORGAN CHASE COMMERCIAL MOR	\$ 509,223	480,000	0.24	5.62441	12/12/2044
MML SHORT DURATION BOND FD	FIXED INCOME	BANK OF AMERICA CORP	\$ 815,750	750,000	0.38	6.05	5/16/2016
MML SHORT DURATION BOND FD	FIXED INCOME	HCP INC	\$ 615,690	550,000	0.29	6	1/30/2017
MML SHORT DURATION BOND FD	FIXED INCOME	CITIGROUP INC	\$ 1,099,763	1,000,000	0.51	5.5	2/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	WESTERN UNION CO/THE	\$ 598,245	545,000	0.28	5.93	10/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	MORGAN STANLEY CAPITAL I TRUST	\$ 326,796	300,000	0.15	5.478	2/12/2044
MML SHORT DURATION BOND FD	FIXED INCOME	BEAR STEARNS COMMERCIAL MORTGA	\$ 467,527	425,000	0.22	5.471	1/12/2045
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 253437	\$ 82	68	0.00	8	9/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	ZIONS BANCORP	\$ 6,334	6,000	0.00	6	9/15/2015
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 150,000	150,000	0.07	0.301	12/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	BRAZOS STUDENT FINANCE CORP	\$ 192,715	200,000	0.09	1.654	7/1/2038
MML SHORT DURATION BOND FD	FIXED INCOME	SLM STUDENT LOAN TRUST	\$ 100,000	100,000	0.05	0.301	12/15/2016
MML SHORT DURATION BOND FD	FIXED INCOME	COUNTRYWIDE ASSET BACKED CERTI	\$ 34,233	34,449	0.02	0.612	9/25/2034
MML SHORT DURATION BOND FD	FIXED INCOME	SAFeway INC	\$ 145,852	145,000	0.07	5.625	8/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	JPMORGAN CHASE + CO	\$ 893,393	885,000	0.42	5.125	9/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	YARA INTERNATIONAL ASA	\$ 372,623	365,000	0.17	5.25	12/15/2014
MML SHORT DURATION BOND FD	FIXED INCOME	GULF SOUTH PIPELINE	\$ 35,774	35,000	0.02	5.05	2/1/2015
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 181168	\$ 225	209	0.00	7.5	5/15/2017
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 532418	\$ 1,109	928	0.00	7.5	2/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	DDR CORP	\$ 1,104,672	925,000	0.51	7.5	7/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 483598	\$ 1,022	873	0.00	7	1/15/2029
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA II POOL 080136	\$ 303	294	0.00	1.625	11/20/2027
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA TBA JUL 30 SINGLE FAM	\$ 1,056,985	944,000	0.49	5.5	12/1/2099
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 531196	\$ 98	82	0.00	7.5	2/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 493723	\$ 2,992	2,533	0.00	7	8/15/2029
MML SHORT DURATION BOND FD	CASH	US DOLLAR	\$ 46,902	46,902	0.02	0	
MML SHORT DURATION BOND FD	FIXED INCOME	HIGHWOODS REALTY LP	\$ 29,528	25,000	0.01	7.5	4/15/2018
MML SHORT DURATION BOND FD	FIXED INCOME	COMM MORTGAGE TRUST	\$ 242,221	225,000	0.11	5.969715	6/10/2046
MML SHORT DURATION BOND FD	FIXED INCOME	TELEFONICA EMISIONES SAU	\$ 143,116	130,000	0.07	6.421	6/20/2016
MML SHORT DURATION BOND FD	FIXED INCOME	GCCFC COMMERCIAL MORTGAGE TRUS	\$ 114,974	106,824	0.05	6.01461	7/10/2038
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA II POOL 008746	\$ 1,671	1,628	0.00	1.625	11/20/2025
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 253481	\$ 35	29	0.00	8	10/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL C01079	\$ 805	673	0.00	7.5	10/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FED HM LN PC POOL C01135	\$ 2,322	1,944	0.00	7.5	2/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 575667	\$ 3,208	2,747	0.00	7	3/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 535996	\$ 3,359	2,814	0.00	7.5	6/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 253880	\$ 3,494	3,351	0.00	6.5	7/1/2016
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 190317	\$ 1,587	1,315	0.00	8	8/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 597220	\$ 1,761	1,450	0.00	8	9/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 596656	\$ 778	680	0.00	8	8/1/2031
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 532819	\$ 63	52	0.00	8	3/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 497120	\$ 78	65	0.00	7.5	8/1/2029
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 534703	\$ 752	622	0.00	8	5/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	FNMA POOL 529453	\$ 721	604	0.00	7.5	1/1/2030
MML SHORT DURATION BOND FD	FIXED INCOME	GNMA POOL 500928	\$ 1,406	1,198	0.00	7	5/15/2029
MML HIGH YIELD FD	FIXED INCOME	FRONTIER COMMUNICATIONS	\$ 1,183,875	1,100,000	0.72	7.625	4/15/2024

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML HIGH YIELD FD	FIXED INCOME	COGECO CABLE INC	\$ 718,875	710,000	0.44	4.875	5/1/2020
MML HIGH YIELD FD	FIXED INCOME	CCO HLDGS LLC/CAP CORP	\$ 856,855	838,000	0.52	5.75	1/15/2024
MML HIGH YIELD FD	FIXED INCOME	LBC TANK TERMINAL HLDING	\$ 681,530	646,000	0.42	6.875	5/15/2023
MML HIGH YIELD FD	FIXED INCOME	BRUNSWICK CORP	\$ 493,763	495,000	0.30	4.625	5/15/2021
MML HIGH YIELD FD	FIXED INCOME	STONEMOR PART/CORNER FAM	\$ 1,454,250	1,385,000	0.89	7.875	6/1/2021
MML HIGH YIELD FD	FIXED INCOME	TRIZETTO GROUP INC	\$ 1,106,311	1,103,552	0.68	1	5/2/2018
MML HIGH YIELD FD	FIXED INCOME	INTERNATIONAL AUTOMOTIVE	\$ 1,696,813	1,597,000	1.04	9.125	6/1/2018
MML HIGH YIELD FD	FIXED INCOME	TELEFLEX INC	\$ 296,100	280,000	0.18	6.875	6/1/2019
MML HIGH YIELD FD	FIXED INCOME	QUALITY DISTRIB/QD CAP	\$ 872,050	815,000	0.53	9.875	11/1/2018
MML HIGH YIELD FD	FIXED INCOME	OMNOVA SOLUTIONS INC	\$ 1,275,750	1,215,000	0.78	7.875	11/1/2018
MML HIGH YIELD FD	FIXED INCOME	LINN ENERGY LLC/FIN CORP	\$ 323,625	300,000	0.20	7.75	2/1/2021
MML HIGH YIELD FD	FIXED INCOME	GATES INVESTMENTS LLC/GA	\$ 154,396	145,000	0.09	9	10/1/2018
MML HIGH YIELD FD	FIXED INCOME	INTERCOM RADIO LLC	\$ 1,145,000	1,000,000	0.70	10.5	12/1/2019
MML HIGH YIELD FD	FIXED INCOME	CHRYSLER GP/CG CO ISSUER	\$ 494,244	455,000	0.30	8	6/15/2019
MML HIGH YIELD FD	FIXED INCOME	XERIU TECHNOLOGIES INC	\$ 2,452,250	2,308,000	1.50	8.875	6/15/2018
MML HIGH YIELD FD	FIXED INCOME	DUCOMMUN INC	\$ 1,301,988	1,170,000	0.80	9.75	7/15/2018
MML HIGH YIELD FD	FIXED INCOME	J.B. POINDEXTER + CO	\$ 3,326,375	2,990,000	2.04	9	2/22/2020
MML HIGH YIELD FD	FIXED INCOME	HARRON COMM/HARRON FIN	\$ 886,425	795,000	0.54	9.125	4/1/2020
MML HIGH YIELD FD	FIXED INCOME	TOWNSQUARE RADIO LLC/INC	\$ 786,325	710,000	0.48	9	4/1/2019
MML HIGH YIELD FD	FIXED INCOME	LANDRY S INC	\$ 1,023,000	930,000	0.63	9.375	5/1/2020
MML HIGH YIELD FD	FIXED INCOME	CARLSON WAGONLIT BV	\$ 2,332,750	2,170,000	1.43	6.875	6/15/2019
MML HIGH YIELD FD	FIXED INCOME	ROOFING SUPPLY/FINANCE	\$ 1,341,900	1,260,000	0.82	10	6/1/2020
MML HIGH YIELD FD	FIXED INCOME	INTERNATIONAL WIRE GROUP	\$ 1,009,050	930,000	0.62	8.5	10/15/2017
MML HIGH YIELD FD	FIXED INCOME	PETCO HOLDINGS INC	\$ 620,125	605,000	0.38	8.5	10/15/2017
MML HIGH YIELD FD	FIXED INCOME	SHELF DRILL HOLD LTD	\$ 1,551,500	1,450,000	0.95	8.625	11/1/2018
MML HIGH YIELD FD	FIXED INCOME	ACCURIDE CORP	\$ 1,627,503	1,545,000	1.00	9.5	8/1/2018
MML HIGH YIELD FD	FIXED INCOME	PERRY ELLIS INTL INC	\$ 2,587,500	2,500,000	1.58	7.875	4/1/2019
MML HIGH YIELD FD	FIXED INCOME	BRUNSWICK CORP	\$ 308,513	285,000	0.19	7.375	9/1/2023
MML HIGH YIELD FD	FIXED INCOME	SEALED AIR CORP	\$ 1,643,200	1,580,000	1.01	6.875	7/15/2033
MML HIGH YIELD FD	FIXED INCOME	MUELLER WATER PRODUCTS	\$ 508,125	500,000	0.31	7.375	6/1/2017
MML HIGH YIELD FD	FIXED INCOME	ALLY FINANCIAL INC	\$ 1,571,325	1,230,000	0.96	8	11/1/2031
MML HIGH YIELD FD	FIXED INCOME	TRANSDIGM INC	\$ 1,259,913	1,210,000	0.77	6.5	7/15/2024
MML HIGH YIELD FD	FIXED INCOME	TOPAZ MARINE SA	\$ 1,841,448	1,709,000	1.13	8.625	11/1/2018
MML HIGH YIELD FD	FIXED INCOME	MIDSTATES PETRO INC/LLC	\$ 1,049,875	925,000	0.64	10.75	10/1/2020
MML HIGH YIELD FD	FIXED INCOME	CHINOS INTERMED HLDGS A	\$ 553,380	552,000	0.34	7.75	5/1/2019
MML HIGH YIELD FD	FIXED INCOME	CAPSUGEL S.A.	\$ 422,300	410,000	0.26	7	5/15/2019
MML HIGH YIELD FD	FIXED INCOME	MAGNUM HUNTER RESOURCES	\$ 2,359,175	2,135,000	1.44	9.75	5/15/2020
MML HIGH YIELD FD	FIXED INCOME	TRIZETTO GROUP INC	\$ 322,252	320,648	0.20	1	3/28/2019
MML HIGH YIELD FD	FIXED INCOME	KRONOS INC	\$ 639,707	617,329	0.39	1	4/30/2020
MML HIGH YIELD FD	FIXED INCOME	INTELLIGRATED INC	\$ 647,751	640,545	0.40	1	1/30/2020
MML HIGH YIELD FD	FIXED INCOME	KENAN ADVANTAGE GROUP	\$ 3,413,300	3,190,000	2.09	8.375	12/15/2018
MML HIGH YIELD FD	FIXED INCOME	BROOKFIELD RESIDENTIAL	\$ 1,327,163	1,255,000	0.81	6.5	12/15/2020
MML HIGH YIELD FD	FIXED INCOME	SABINE OIL + GAS/FIN COR	\$ 1,797,400	1,720,000	1.10	9.75	2/15/2017
MML HIGH YIELD FD	FIXED INCOME	RP CROWN PARENT LLC	\$ 1,511,250	1,500,000	0.93	1	12/21/2019
MML HIGH YIELD FD	FIXED INCOME	SUNCOKE ENRGY PART LP/FI	\$ 864,675	810,000	0.53	7.375	2/1/2020
MML HIGH YIELD FD	FIXED INCOME	AAR CORP	\$ 1,817,700	1,660,000	1.11	7.25	1/15/2022
MML HIGH YIELD FD	FIXED INCOME	DIGITALGLOBE INC	\$ 594,000	600,000	0.36	5.25	2/1/2021
MML HIGH YIELD FD	FIXED INCOME	MERITOR INC	\$ 754,797	469,000	0.46	7.875	3/1/2026
MML HIGH YIELD FD	FIXED INCOME	WESTMORELAND COAL/PART	\$ 1,095,225	1,020,000	0.67	10.75	2/1/2018
MML HIGH YIELD FD	FIXED INCOME	BIOSCRIP INC	\$ 2,141,205	2,049,000	1.31	8.875	2/15/2021
MML HIGH YIELD FD	FIXED INCOME	WEEKLEY HOMES LLC/ FINAN	\$ 775,000	775,000	0.47	6	2/1/2023
MML HIGH YIELD FD	FIXED INCOME	NISKA GAS STORAGE CAN/FI	\$ 3,072,000	3,200,000	1.88	6.5	4/1/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML HIGH YIELD FD	FIXED INCOME	FIRST DATA CORPORATION	\$ 1,894,441	1,597,000	1.16	11.75	8/15/2021
MML HIGH YIELD FD	FIXED INCOME	ENTEGRIS INC	\$ 298,700	290,000	0.18	6	4/1/2022
MML HIGH YIELD FD	FIXED INCOME	RCN TELECOM SER/CAPITAL	\$ 2,173,170	2,031,000	1.33	8.5	8/15/2020
MML HIGH YIELD FD	FIXED INCOME	MUSTANG MERGER CORP	\$ 4,746,950	4,355,000	2.91	8.5	8/15/2021
MML HIGH YIELD FD	FIXED INCOME	SPRINT CORP	\$ 821,363	745,000	0.50	7.25	9/15/2021
MML HIGH YIELD FD	FIXED INCOME	SPRINT CORP	\$ 1,624,250	1,460,000	0.99	7.875	9/15/2023
MML HIGH YIELD FD	FIXED INCOME	CVR REF LLC/COFF FIN INC	\$ 1,832,535	1,737,000	1.12	6.5	11/1/2022
MML HIGH YIELD FD	FIXED INCOME	TRONOX FINANCE LLC	\$ 748,563	725,000	0.46	6.375	8/15/2020
MML HIGH YIELD FD	FIXED INCOME	PINNACLE OPERATING CORP	\$ 2,391,340	2,204,000	1.46	9	11/15/2020
MML HIGH YIELD FD	FIXED INCOME	ALERE INC	\$ 1,559,250	1,485,000	0.95	6.5	6/15/2020
MML HIGH YIELD FD	FIXED INCOME	MIDSTATES PETRO INC/LLC	\$ 921,900	840,000	0.56	9.25	6/1/2021
MML HIGH YIELD FD	FIXED INCOME	JBS INVESTMENTS GMBH	\$ 1,712,000	1,600,000	1.05	7.75	10/28/2020
MML HIGH YIELD FD	FIXED INCOME	MURRAY ENERGY CORP	\$ 1,509,005	1,394,000	0.92	8.625	6/15/2021
MML HIGH YIELD FD	FIXED INCOME	PANTRY INC	\$ 691,200	640,000	0.42	8.375	8/1/2020
MML HIGH YIELD FD	FIXED INCOME	HALCON RESOURCES CORP	\$ 634,250	590,000	0.39	8.875	5/15/2021
MML HIGH YIELD FD	FIXED INCOME	HALCON RESOURCES CORP	\$ 2,073,375	1,900,000	1.27	9.75	7/15/2020
MML HIGH YIELD FD	FIXED INCOME	AUDATEX NORTH AMERICA IN	\$ 976,763	915,000	0.60	6	6/15/2021
MML HIGH YIELD FD	FIXED INCOME	WILLIAM LYON HOMES INC	\$ 3,210,813	2,870,000	1.97	8.5	11/15/2020
MML HIGH YIELD FD	FIXED INCOME	CHC HELICOPTER SA	\$ 1,174,250	1,100,000	0.72	9.375	6/1/2021
MML HIGH YIELD FD	FIXED INCOME	RKI EXP + PROD/RKI FIN C	\$ 1,361,675	1,255,000	0.83	8.5	8/1/2021
MML HIGH YIELD FD	FIXED INCOME	ATLAS DEL MERGER SUB INC	\$ 343,147	388,835	0.21	1	7/10/2021
MML HIGH YIELD FD	FIXED INCOME	WOODSIDE HOMES CO LLC/FI	\$ 1,035,300	1,015,000	0.63	6.75	12/15/2021
MML HIGH YIELD FD	FIXED INCOME	APPVION INC	\$ 1,965,125	1,975,000	1.20	9	6/1/2020
MML HIGH YIELD FD	FIXED INCOME	SOPHIA HOLDING FIN LP/IN	\$ 478,400	460,000	0.29	9.625	12/1/2018
MML HIGH YIELD FD	FIXED INCOME	TENET HEALTHCARE CORP	\$ 1,203,800	1,040,000	0.74	8.125	4/1/2022
MML HIGH YIELD FD	FIXED INCOME	ALTICE FINCO SA	\$ 898,538	815,000	0.55	8.125	1/15/2024
MML HIGH YIELD FD	FIXED INCOME	ALTICE FINANCING SA	\$ 931,875	875,000	0.57	6.5	1/15/2022
MML HIGH YIELD FD	FIXED INCOME	SPRINT CORP	\$ 349,800	330,000	0.21	7.125	6/15/2024
MML HIGH YIELD FD	FIXED INCOME	CTP TRANS PROD LLC/ FINA	\$ 727,313	675,000	0.45	8.25	12/15/2019
MML HIGH YIELD FD	FIXED INCOME	HECLA MINING CO	\$ 633,215	638,000	0.39	6.875	5/1/2021
MML HIGH YIELD FD	FIXED INCOME	UNIFRAX I LLC/UNIFRAX HO	\$ 919,600	880,000	0.56	7.5	2/15/2019
MML HIGH YIELD FD	FIXED INCOME	MILLENNIUM OFFSHORE SERV	\$ 1,364,265	1,281,000	0.84	9.5	2/15/2018
MML HIGH YIELD FD	FIXED INCOME	WATCO COS LLC/FINANCE CO	\$ 1,561,620	1,531,000	0.96	6.375	4/1/2023
MML HIGH YIELD FD	FIXED INCOME	REXEL SA	\$ 884,000	850,000	0.54	5.25	6/15/2020
MML HIGH YIELD FD	FIXED INCOME	SYNARCBIOCORE HLDGS LLC	\$ 1,454,295	1,468,985	0.89	1	3/10/2022
MML HIGH YIELD FD	FIXED INCOME	CALUMET SPECIALTY PROD	\$ 1,611,600	1,580,000	0.99	6.5	4/15/2021
MML HIGH YIELD FD	FIXED INCOME	WILLIAM LYON HOMES INC	\$ 471,500	460,000	0.29	5.75	4/15/2019
MML HIGH YIELD FD	FIXED INCOME	INFOR SOFTWARE PARENT	\$ 516,363	505,000	0.32	7.125	5/1/2021
MML HIGH YIELD FD	FIXED INCOME	SUMMIT MID HLDS LLC / FI	\$ 697,600	640,000	0.43	7.5	7/1/2021
MML HIGH YIELD FD	FIXED INCOME	CAELUS ENERGY ALASKA O3 LLC	\$ 3,086,889	3,139,220	1.89	1	4/2/2021
MML HIGH YIELD FD	FIXED INCOME	FLORIDA EAST COAST HLDGS	\$ 433,063	410,000	0.27	6.75	5/1/2019
MML HIGH YIELD FD	FIXED INCOME	RICE ENERGY INC	\$ 686,750	670,000	0.42	6.25	5/1/2022
MML HIGH YIELD FD	FIXED INCOME	NUMERICABLE GROUP SA	\$ 494,000	475,000	0.30	6	5/15/2022
MML HIGH YIELD FD	FIXED INCOME	ALTICE SA	\$ 1,291,675	1,210,000	0.79	7.75	5/15/2022
MML HIGH YIELD FD	FIXED INCOME	WELLTEC A/S	\$ 1,503,780	1,412,000	0.92	8	2/1/2019
MML HIGH YIELD FD	FIXED INCOME	ERA GROUP INC	\$ 2,125,000	2,000,000	1.30	7.75	12/15/2022
MML HIGH YIELD FD	FIXED INCOME	ALLIED SPECIALTY VEHICLE	\$ 2,955,420	2,808,000	1.81	8.5	11/1/2019
MML HIGH YIELD FD	FIXED INCOME	AUDATEX NORTH AMERICA IN	\$ 560,438	525,000	0.34	6.125	11/1/2023
MML HIGH YIELD FD	FIXED INCOME	NORTHERN TIER ENERGY LLC	\$ 1,376,363	1,270,000	0.84	7.125	11/15/2020
MML HIGH YIELD FD	FIXED INCOME	HAWKER BEECHCRAFT	\$ -	750,000	-	9.75	4/1/2017
MML HIGH YIELD FD	FIXED INCOME	HEADWATERS INC	\$ 1,586,250	1,500,000	0.97	7.25	1/15/2019
MML HIGH YIELD FD	FIXED INCOME	INTREPID AVIATION GRP HL	\$ 2,120,550	2,010,000	1.30	6.875	2/15/2019

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML HIGH YIELD FD	FIXED INCOME	ZACHRY HOLDINGS INC	\$ 735,735	686,000	0.45	7.5	2/1/2020
MML HIGH YIELD FD	FIXED INCOME	CORNERSTONE CHEMICAL CO	\$ 1,649,700	1,560,000	1.01	9.375	3/15/2018
MML HIGH YIELD FD	FIXED INCOME	HILCORP ENERGY I/HILCORP	\$ 750,000	750,000	0.46	5	12/1/2024
MML HIGH YIELD FD	FIXED INCOME	GENEX HLDGS INC SYNDICATED	\$ 354,908	352,266	0.22	1	5/30/2022
MML HIGH YIELD FD	FIXED INCOME	ENDO FIN LLC/ENDO FINCO	\$ 1,283,394	1,285,000	0.79	5.375	1/15/2023
MML HIGH YIELD FD	FIXED INCOME	CARLSON TRAVEL HOLDINGS	\$ 1,045,500	1,025,000	0.64	7.5	8/15/2019
MML HIGH YIELD FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 2,393,780	2,393,780	1.47	0	7/1/2014
MML HIGH YIELD FD	FIXED INCOME	BRUNSWICK CORP	\$ 2,399,344	2,245,000	1.47	7.125	8/1/2027
MML HIGH YIELD FD	FIXED INCOME	COOPER TIRE + RUBBER CO	\$ 324,900	285,000	0.20	8	12/15/2019
MML HIGH YIELD FD	FIXED INCOME	CHIQUITA BRANDS INTL	\$ 1,480,106	1,470,000	0.91	4.25	8/15/2016
MML HIGH YIELD FD	FIXED INCOME	ALTA MESA HLDGS/FINANC S	\$ 1,606,500	1,530,000	0.98	9.625	10/15/2018
MML HIGH YIELD FD	FIXED INCOME	TELECOM ITALIA SPA	\$ 1,530,719	1,525,000	0.94	5.303	5/30/2024
MML HIGH YIELD FD	FIXED INCOME	ICAHN ENTERPRISES/FIN	\$ 1,571,250	1,500,000	0.96	5.875	2/1/2022
MML HIGH YIELD FD	FIXED INCOME	BAYTEX ENERGY CORP	\$ 311,163	310,000	0.19	5.625	6/1/2024
MML HIGH YIELD FD	FIXED INCOME	PRECISION DRILLING CORP	\$ 1,041,831	1,050,000	0.64	5.25	11/15/2024
MML HIGH YIELD FD	FIXED INCOME	ARDAGH FINANCE HOLDINGS	\$ 515,000	500,000	0.32	8.625	6/15/2019
MML HIGH YIELD FD	FIXED INCOME	THE MEN S WEARHOUSE INC	\$ 279,450	270,000	0.17	7	7/1/2022
MML HIGH YIELD FD	FIXED INCOME	SEVENTY SEVEN ENERGY INC	\$ 691,875	675,000	0.42	6.5	7/15/2022
MML HIGH YIELD FD	FIXED INCOME	SANCHEZ ENERGY CORP	\$ 1,269,975	1,230,000	0.78	6.125	1/15/2023
MML HIGH YIELD FD	FIXED INCOME	WEST CORP	\$ 1,257,300	1,270,000	0.77	5.375	7/15/2022
MML HIGH YIELD FD	FIXED INCOME	GLOBAL PART/GLP FINANCE	\$ 518,000	518,000	0.32	6.25	7/15/2022
MML HIGH YIELD FD	FIXED INCOME	ALLEGIANT TRAVEL CO	\$ 1,019,299	1,003,000	0.62	5.5	7/15/2019
MML HIGH YIELD FD	FIXED INCOME	NUMERICABLE GROUP SA	\$ 271,375	260,000	0.17	6.25	5/15/2024
MML HIGH YIELD FD	FIXED INCOME	HEARTHSIDE GROUP HLDS	\$ 299,250	300,000	0.18	6.5	5/1/2022
MML HIGH YIELD FD	FIXED INCOME	SUNCOKE ENRGY PART LP/FI	\$ 229,513	215,000	0.14	7.375	2/1/2020
MML HIGH YIELD FD	FIXED INCOME	SIRIUS XM RADIO INC	\$ 483,600	465,000	0.30	6	7/15/2024
MML HIGH YIELD FD	FIXED INCOME	ADT CORP	\$ 1,590,000	1,500,000	0.97	6.25	10/15/2021
MML HIGH YIELD FD	FIXED INCOME	FORESTAR USA REAL ESTATE	\$ 285,660	276,000	0.17	8.5	6/1/2022
MML HIGH YIELD FD	FIXED INCOME	FIRST QUANTUM MINERALS L	\$ 1,116,518	1,071,000	0.68	7.25	5/15/2022
MML HIGH YIELD FD	FIXED INCOME	ALPHA NATURAL RESOURCES	\$ 309,600	320,000	0.19	7.5	8/1/2020
MML HIGH YIELD FD	FIXED INCOME	TELEFLEX INC	\$ 176,750	175,000	0.11	5.25	6/15/2024
MML FUNDAMENTAL VALUE FD	EQUITY	CITIGROUP INC	\$ 4,403,850	93,500	1.97	0	
MML FUNDAMENTAL VALUE FD	EQUITY	GOLDMAN SACHS GROUP INC	\$ 2,908,433	17,370	1.30	0	
MML FUNDAMENTAL VALUE FD	EQUITY	AUTOZONE INC	\$ 2,573,952	4,800	1.15	0	
MML FUNDAMENTAL VALUE FD	EQUITY	HALLIBURTON CO	\$ 4,629,852	65,200	2.07	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MAXIM INTEGRATED PRODUCTS	\$ 3,426,644	101,350	1.53	0	
MML FUNDAMENTAL VALUE FD	EQUITY	METLIFE INC	\$ 2,655,768	47,800	1.19	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ASTRAZENECA PLC SPONS ADR	\$ 2,690,022	36,200	1.20	0	
MML FUNDAMENTAL VALUE FD	EQUITY	DIAGEO PLC SPONSORED ADR	\$ 2,214,498	17,400	0.99	0	
MML FUNDAMENTAL VALUE FD	EQUITY	UNITEDHEALTH GROUP INC	\$ 4,341,743	53,110	1.94	0	
MML FUNDAMENTAL VALUE FD	EQUITY	BLACKROCK INC	\$ 3,346,212	10,470	1.49	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PACCAR INC	\$ 1,556,299	24,770	0.69	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MARVELL TECHNOLOGY GROUP LTD	\$ 2,545,008	177,600	1.14	0	
MML FUNDAMENTAL VALUE FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 3,518,067	71,900	1.57	0	
MML FUNDAMENTAL VALUE FD	EQUITY	JPMORGAN CHASE + CO	\$ 7,766,024	134,780	3.47	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ROCHE HOLDING AG GENUSSSCHEIN	\$ 3,146,346	10,544	1.40	0	
MML FUNDAMENTAL VALUE FD	EQUITY	CHEVRON CORP	\$ 7,604,538	58,250	3.40	0	
MML FUNDAMENTAL VALUE FD	EQUITY	NORDSTROM INC	\$ 1,750,556	25,770	0.78	0	
MML FUNDAMENTAL VALUE FD	EQUITY	BB+T CORP	\$ 2,862,618	72,600	1.28	0	
MML FUNDAMENTAL VALUE FD	EQUITY	THOMSON REUTERS CORP	\$ 1,992,528	54,800	0.89	0	
MML FUNDAMENTAL VALUE FD	EQUITY	EOG RESOURCES INC	\$ 2,690,117	23,020	1.20	0	
MML FUNDAMENTAL VALUE FD	EQUITY	EDISON INTERNATIONAL	\$ 1,812,451	31,190	0.81	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FUNDAMENTAL VALUE FD	EQUITY	UNUM GROUP	\$ 1,318,794	37,940	0.59	0	
MML FUNDAMENTAL VALUE FD	EQUITY	SOUTHWESTERN ENERGY CO	\$ 2,294,971	50,450	1.02	0	
MML FUNDAMENTAL VALUE FD	EQUITY	INTERNATIONAL PAPER CO	\$ 2,054,129	40,700	0.92	0	
MML FUNDAMENTAL VALUE FD	EQUITY	NORTHEAST UTILITIES	\$ 2,503,419	52,960	1.12	0	
MML FUNDAMENTAL VALUE FD	EQUITY	OCCIDENTAL PETROLEUM CORP	\$ 2,839,772	27,670	1.27	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PULTEGROUP INC	\$ 2,138,976	106,100	0.96	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MARATHON OIL CORP	\$ 2,616,357	65,540	1.17	0	
MML FUNDAMENTAL VALUE FD	EQUITY	STEEL DYNAMICS INC	\$ 1,494,338	83,250	0.67	0	
MML FUNDAMENTAL VALUE FD	EQUITY	SYMANTEC CORP	\$ 2,782,121	121,490	1.24	0	
MML FUNDAMENTAL VALUE FD	EQUITY	HOME DEPOT INC	\$ 2,048,288	25,300	0.91	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MICROSOFT CORP	\$ 3,079,962	73,860	1.38	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PFIZER INC W/D	\$ 1,684,607	56,759	0.75	0	
MML FUNDAMENTAL VALUE FD	EQUITY	WELLS FARGO + CO	\$ 9,197,474	174,990	4.11	0	
MML FUNDAMENTAL VALUE FD	EQUITY	BAXTER INTERNATIONAL INC	\$ 2,072,118	28,660	0.93	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PNC FINANCIAL SERVICES GROUP	\$ 5,368,825	60,290	2.40	0	
MML FUNDAMENTAL VALUE FD	EQUITY	DOW CHEMICAL CO/THE	\$ 2,899,771	56,350	1.29	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ILLINOIS TOOL WORKS	\$ 1,907,057	21,780	0.85	0	
MML FUNDAMENTAL VALUE FD	EQUITY	LOWE S COS INC	\$ 2,519,475	52,500	1.13	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MARSH + MCLENNAN COS	\$ 3,372,964	65,090	1.51	0	
MML FUNDAMENTAL VALUE FD	EQUITY	NUCOR CORP	\$ 1,163,285	23,620	0.52	0	
MML FUNDAMENTAL VALUE FD	EQUITY	DU PONT (E.I.) DE NEMOURS	\$ 1,350,027	20,630	0.60	0	
MML FUNDAMENTAL VALUE FD	EQUITY	INTEL CORP	\$ 4,349,793	140,770	1.94	0	
MML FUNDAMENTAL VALUE FD	EQUITY	JOHNSON + JOHNSON	\$ 2,417,768	23,110	1.08	0	
MML FUNDAMENTAL VALUE FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 2,805,435	24,300	1.25	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ANALOG DEVICES INC	\$ 2,170,370	40,140	0.97	0	
MML FUNDAMENTAL VALUE FD	EQUITY	INTERPUBLIC GROUP OF COS INC	\$ 1,685,664	86,400	0.75	0	
MML FUNDAMENTAL VALUE FD	EQUITY	NEWELL RUBBERMAID INC	\$ 2,036,043	65,700	0.91	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ANADARKO PETROLEUM CORP	\$ 2,386,446	21,800	1.07	0	
MML FUNDAMENTAL VALUE FD	EQUITY	HOST HOTELS + RESORTS INC	\$ 2,407,894	109,400	1.08	0	
MML FUNDAMENTAL VALUE FD	EQUITY	AMGEN INC	\$ 2,517,730	21,270	1.12	0	
MML FUNDAMENTAL VALUE FD	EQUITY	CVS CAREMARK CORP	\$ 2,579,161	34,220	1.15	0	
MML FUNDAMENTAL VALUE FD	EQUITY	CISCO SYSTEMS INC	\$ 6,051,721	243,530	2.70	0	
MML FUNDAMENTAL VALUE FD	EQUITY	EMC CORP/MA	\$ 3,777,156	143,400	1.69	0	
MML FUNDAMENTAL VALUE FD	EQUITY	EXXON MOBIL CORP	\$ 4,188,288	41,600	1.87	0	
MML FUNDAMENTAL VALUE FD	EQUITY	GENERAL ELECTRIC CO	\$ 4,393,490	167,180	1.96	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PVH CORP	\$ 2,332,000	20,000	1.04	0	
MML FUNDAMENTAL VALUE FD	EQUITY	FORTUNE BRANDS HOME + SECURI	\$ 1,074,117	26,900	0.48	0	
MML FUNDAMENTAL VALUE FD	EQUITY	DIRECTV	\$ 1,139,134	13,400	0.51	0	
MML FUNDAMENTAL VALUE FD	EQUITY	KRAFT FOODS GROUP INC	\$ 1,575,246	26,276	0.70	0	
MML FUNDAMENTAL VALUE FD	EQUITY	EATON CORP PLC	\$ 3,133,508	40,600	1.40	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ZOETIS INC W/I	\$ 878,970	27,238	0.39	0	
MML FUNDAMENTAL VALUE FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 2,493,480	13,200	1.11	0	
MML FUNDAMENTAL VALUE FD	EQUITY	SANTANDER CONSUMER USA HOLDI	\$ 878,688	45,200	0.39	0	
MML FUNDAMENTAL VALUE FD	CASH EQUIVALENT	STATE STREET REPO	\$ 4,180,219	4,180,219	1.87	0.01	7/1/2014
MML FUNDAMENTAL VALUE FD	EQUITY	PRINCIPAL FINANCIAL GROUP	\$ 1,748,627	34,640	0.78	0	
MML FUNDAMENTAL VALUE FD	EQUITY	3M CO	\$ 2,227,382	15,550	0.99	0	
MML FUNDAMENTAL VALUE FD	EQUITY	COMCAST CORP CLASS A	\$ 2,954,547	55,040	1.32	0	
MML FUNDAMENTAL VALUE FD	EQUITY	AMERIPRISE FINANCIAL INC	\$ 696,000	5,800	0.31	0	
MML FUNDAMENTAL VALUE FD	EQUITY	CBS CORP CLASS B NON VOTING	\$ 1,723,142	27,730	0.77	0	
MML FUNDAMENTAL VALUE FD	EQUITY	SPIRIT AEROSYSTEMS HOLD CL A	\$ 2,446,620	72,600	1.09	0	
MML FUNDAMENTAL VALUE FD	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 1,706,434	20,240	0.76	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ACE LTD	\$ 3,820,308	36,840	1.71	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FUNDAMENTAL VALUE FD	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 2,177,742	39,900	0.97	0	
MML FUNDAMENTAL VALUE FD	EQUITY	INGERSOLL RAND PLC	\$ 2,048,453	32,770	0.91	0	
MML FUNDAMENTAL VALUE FD	EQUITY	ANHEUSER BUSCH INBEV SPN ADR	\$ 2,741,319	23,850	1.22	0	
MML FUNDAMENTAL VALUE FD	EQUITY	MERCK + CO. INC.	\$ 6,010,037	103,890	2.68	0	
MML FUNDAMENTAL VALUE FD	EQUITY	NEXTERA ENERGY INC	\$ 1,285,099	12,540	0.57	0	
MML FUNDAMENTAL VALUE FD	EQUITY	COVIDIEN PLC	\$ 3,762,310	41,720	1.68	0	
MML FOCUSED EQUITY FD	EQUITY	INTEL CORP	\$ 10,815,000	350,000	6.34	0	
MML FOCUSED EQUITY FD	EQUITY	TIFFANY + CO	\$ 6,416,000	64,000	3.76	0	
MML FOCUSED EQUITY FD	EQUITY	FAMILY DOLLAR STORES	\$ 8,432,850	127,500	4.94	0	
MML FOCUSED EQUITY FD	EQUITY	BLACKROCK INC	\$ 7,286,880	22,800	4.27	0	
MML FOCUSED EQUITY FD	EQUITY	NATIONAL OILWELL VARCO INC	\$ 8,399,700	102,000	4.92	0	
MML FOCUSED EQUITY FD	EQUITY	JPMORGAN CHASE + CO	\$ 8,182,040	142,000	4.80	0	
MML FOCUSED EQUITY FD	EQUITY	CARMAX INC	\$ 4,316,830	83,000	2.53	0	
MML FOCUSED EQUITY FD	EQUITY	STARWOOD HOTELS + RESORTS	\$ 4,849,200	60,000	2.84	0	
MML FOCUSED EQUITY FD	EQUITY	VISA INC CLASS A SHARES	\$ 6,110,590	29,000	3.58	0	
MML FOCUSED EQUITY FD	EQUITY	AMERICAN INTERNATIONAL GROUP	\$ 9,960,850	182,500	5.84	0	
MML FOCUSED EQUITY FD	EQUITY	GENERAL MOTORS CO	\$ 9,655,800	266,000	5.66	0	
MML FOCUSED EQUITY FD	EQUITY	RALPH LAUREN CORP	\$ 7,954,155	49,500	4.66	0	
MML FOCUSED EQUITY FD	EQUITY	CBRE GROUP INC A	\$ 6,664,320	208,000	3.91	0	
MML FOCUSED EQUITY FD	EQUITY	AON PLC	\$ 7,252,245	80,500	4.25	0	
MML FOCUSED EQUITY FD	CASH EQUIVALENT	STATE STREET REPO	\$ 11,417,938	11,417,938	6.69	0.01	7/1/2014
MML FOCUSED EQUITY FD	EQUITY	AMAZON.COM INC	\$ 6,820,380	21,000	4.00	0	
MML FOCUSED EQUITY FD	EQUITY	PENN NATIONAL GAMING INC	\$ 1,711,740	141,000	1.00	0	
MML FOCUSED EQUITY FD	EQUITY	APPLIED MATERIALS INC	\$ 7,373,850	327,000	4.32	0	
MML FOCUSED EQUITY FD	EQUITY	FRANKLIN RESOURCES INC	\$ 9,023,040	156,000	5.29	0	
MML FOCUSED EQUITY FD	EQUITY	APPLE INC	\$ 9,497,446	102,200	5.57	0	
MML FOCUSED EQUITY FD	EQUITY	ORACLE CORP	\$ 7,781,760	192,000	4.56	0	
MML FOCUSED EQUITY FD	EQUITY	WELLS FARGO + CO	\$ 10,695,960	203,500	6.27	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	AETNA INC	\$ 2,630,641	32,445	1.27	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	JPMORGAN CHASE + CO	\$ 1,044,305	18,124	0.50	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	XILINX INC	\$ 1,704,816	36,035	0.82	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	YAHOO INC	\$ 815,719	23,220	0.39	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ALTERA CORP	\$ 3,021,270	86,918	1.45	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	LINEAR TECHNOLOGY CORP	\$ 1,118,713	23,767	0.54	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	CR BARD INC	\$ 2,211,650	15,465	1.06	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	PARKER HANNIFIN CORP	\$ 2,036,449	16,197	0.98	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BROADCOM CORP CL A	\$ 580,297	15,633	0.28	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	DANAHER CORP	\$ 3,076,217	39,073	1.48	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MICROCHIP TECHNOLOGY INC	\$ 1,726,312	35,368	0.83	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	NATIONAL OILWELL VARCO INC	\$ 2,720,021	33,030	1.31	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	TYCO INTERNATIONAL LTD	\$ 995,630	21,834	0.48	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ITAU UNIBANCO HLDNG PREF ADR	\$ 1,285,900	89,423	0.62	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ANHEUSER BUSCH INBEV SPN ADR	\$ 3,207,975	27,910	1.54	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MERCK + CO. INC.	\$ 2,349,867	40,620	1.13	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	O REILLY AUTOMOTIVE INC	\$ 1,888,675	12,541	0.91	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	HCA HOLDINGS INC	\$ 1,130,024	20,043	0.54	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	EXPEDIA INC	\$ 1,380,269	17,525	0.66	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MONSTER BEVERAGE CORP	\$ 626,485	8,820	0.30	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	FACEBOOK INC A	\$ 1,459,857	21,695	0.70	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	DIRECTV	\$ 1,999,520	23,521	0.96	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	WYNDHAM WORLDWIDE CORP	\$ 1,998,099	26,388	0.96	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	PHILIP MORRIS INTERNATIONAL	\$ 2,522,724	29,922	1.21	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FUNDAMENTAL GROWTH FD	EQUITY	GOOGLE INC CL C	\$ 4,490,636	7,806	2.16	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	NOW INC/DE	\$ 381,282	10,530	0.18	0	
MML FUNDAMENTAL GROWTH FD	CASH EQUIVALENT	STATE STREET REPO	\$ 3,163,642	3,163,642	1.52	0.01	7/1/2014
MML FUNDAMENTAL GROWTH FD	EQUITY	EXPRESS SCRIPTS HOLDING CO	\$ 1,851,111	26,700	0.89	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	IAC/INTERACTIVECORP	\$ 1,388,961	20,063	0.67	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MONDELEZ INTERNATIONAL INC A	\$ 3,556,891	94,573	1.71	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	INTERCONTINENTAL EXCHANGE IN	\$ 1,186,670	6,282	0.57	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	KEURIG GREEN MOUNTAIN INC	\$ 1,240,243	9,953	0.60	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	OCEANEERING INTL INC	\$ 686,528	8,787	0.33	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	CABOT OIL + GAS CORP	\$ 1,661,594	48,670	0.80	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	CELGENE CORP	\$ 1,454,807	16,940	0.70	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	VERTEX PHARMACEUTICALS INC	\$ 842,084	8,894	0.41	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	WESTERN DIGITAL CORP	\$ 1,795,604	19,454	0.86	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	GILEAD SCIENCES INC	\$ 2,908,317	35,078	1.40	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	INFORMATICA CORP	\$ 657,350	18,439	0.32	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	SANDISK CORP	\$ 2,505,276	23,990	1.21	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BECTON DICKINSON AND CO	\$ 2,231,256	18,861	1.07	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	HONEYWELL INTERNATIONAL INC	\$ 2,767,400	29,773	1.33	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	F5 NETWORKS INC	\$ 2,513,864	22,558	1.21	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	WADDELL + REED FINANCIAL A	\$ 1,273,456	20,346	0.61	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	INTUIT INC	\$ 1,958,248	24,317	0.94	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	EXPEDITORS INTL WASH INC	\$ 659,353	14,931	0.32	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	APACHE CORP	\$ 2,987,609	29,692	1.44	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	DEVON ENERGY CORPORATION	\$ 3,269,216	41,174	1.57	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	PULTEGROUP INC	\$ 2,151,233	106,708	1.04	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	VALERO ENERGY CORP	\$ 1,099,695	21,950	0.53	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	DOVER CORP	\$ 1,370,253	15,066	0.66	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MAXIM INTEGRATED PRODUCTS	\$ 2,412,073	71,342	1.16	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	QUALCOMM INC	\$ 4,847,990	61,212	2.33	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ROCKWELL AUTOMATION INC	\$ 1,775,770	14,188	0.86	0	
MML FUNDAMENTAL GROWTH FD	CASH	US DOLLAR	\$ (394)	(394)	0.00	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BRISTOL MYERS SQUIBB CO	\$ 1,395,730	28,772	0.67	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ILLINOIS TOOL WORKS	\$ 1,635,008	18,673	0.79	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	LOWE S COS INC	\$ 1,864,316	38,848	0.90	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	COSTCO WHOLESALE CORP	\$ 1,795,575	15,592	0.86	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	INTEL CORP	\$ 475,304	15,382	0.23	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	JOHNSON + JOHNSON	\$ 2,905,402	27,771	1.40	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ELI LILLY + CO	\$ 2,947,045	47,403	1.42	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	UNITED TECHNOLOGIES CORP	\$ 3,289,055	28,489	1.58	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	AMERICAN EXPRESS CO	\$ 3,471,483	36,592	1.67	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	VISA INC CLASS A SHARES	\$ 3,014,839	14,308	1.45	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	NETAPP INC	\$ 605,502	16,580	0.29	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	SCRIPPS NETWORKS INTER CL A	\$ 1,137,664	14,021	0.55	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ACTIVISION BLIZZARD INC	\$ 564,235	25,302	0.27	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	DISCOVERY COMMUNICATIONS A	\$ 1,178,526	15,866	0.57	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	COMCAST CORP CLASS A	\$ 3,741,603	69,702	1.80	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	PRICELINE GROUP INC/THE	\$ 1,978,935	1,645	0.95	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	GOOGLE INC CL A	\$ 2,080,256	3,558	1.00	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	STARWOOD HOTELS + RESORTS	\$ 1,868,639	23,121	0.90	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	AMGEN INC	\$ 2,903,024	24,525	1.40	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	APPLE INC	\$ 6,663,174	71,701	3.21	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	CVS CAREMARK CORP	\$ 2,496,028	33,117	1.20	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML FUNDAMENTAL GROWTH FD	EQUITY	CISCO SYSTEMS INC	\$ 2,446,159	98,437	1.18	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	HOME DEPOT INC	\$ 3,560,297	43,976	1.71	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MEDTRONIC INC	\$ 2,751,690	43,157	1.33	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	MICROSOFT CORP	\$ 9,067,707	217,451	4.37	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	OMNICOM GROUP	\$ 959,903	13,478	0.46	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ORACLE CORP	\$ 7,273,554	179,461	3.50	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BANK OF AMERICA CORP	\$ 1,940,939	126,281	0.93	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ALLIANCE DATA SYSTEMS CORP	\$ 1,175,344	4,179	0.57	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	ZIMMER HOLDINGS INC	\$ 1,975,625	19,022	0.95	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	SALIX PHARMACEUTICALS LTD	\$ 584,062	4,735	0.28	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	3M CO	\$ 1,573,205	10,983	0.76	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	SKYWORKS SOLUTIONS INC	\$ 1,680,323	35,782	0.81	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	WYNN RESORTS LTD	\$ 1,307,213	6,298	0.63	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	UNITED PARCEL SERVICE CL B	\$ 2,441,563	23,783	1.18	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	SHERWIN WILLIAMS CO/THE	\$ 1,468,440	7,097	0.71	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	PAYCHEX INC	\$ 1,257,273	30,252	0.61	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	CHECK POINT SOFTWARE TECH	\$ 2,219,564	33,113	1.07	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BAKER HUGHES INC	\$ 2,208,559	29,665	1.06	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	BOEING CO/THE	\$ 3,457,730	27,177	1.67	0	
MML FUNDAMENTAL GROWTH FD	EQUITY	VERIZON COMMUNICATIONS INC	\$ 5,690,021	116,289	2.74	0	
MML SMALL/MID CAP VALUE FD	EQUITY	MERITAGE HOMES CORP	\$ 3,307,744	78,364	1.23	0	
MML SMALL/MID CAP VALUE FD	EQUITY	INSIGHT ENTERPRISES INC	\$ 2,643,025	85,980	0.98	0	
MML SMALL/MID CAP VALUE FD	EQUITY	STEEL DYNAMICS INC	\$ 3,148,412	175,399	1.17	0	
MML SMALL/MID CAP VALUE FD	EQUITY	STONE ENERGY CORP	\$ 3,325,319	71,069	1.24	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TERADYNE INC	\$ 2,854,152	145,620	1.06	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TEREX CORP	\$ 2,856,039	69,490	1.06	0	
MML SMALL/MID CAP VALUE FD	EQUITY	UGI CORP	\$ 3,591,055	71,110	1.33	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CAMDEN PROPERTY TRUST	\$ 2,230,837	31,354	0.83	0	
MML SMALL/MID CAP VALUE FD	EQUITY	LTC PROPERTIES INC	\$ 3,094,310	79,260	1.15	0	
MML SMALL/MID CAP VALUE FD	EQUITY	PARKWAY PROPERTIES INC	\$ 2,967,116	143,686	1.10	0	
MML SMALL/MID CAP VALUE FD	EQUITY	WEBSTER FINANCIAL CORP	\$ 2,153,236	68,270	0.80	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GENERAL CABLE CORP	\$ 2,490,329	97,051	0.93	0	
MML SMALL/MID CAP VALUE FD	EQUITY	SCHULMAN (A.) INC	\$ 957,206	24,734	0.36	0	
MML SMALL/MID CAP VALUE FD	EQUITY	SUSQUEHANNA BANCSHARES INC	\$ 1,742,062	164,968	0.65	0	
MML SMALL/MID CAP VALUE FD	EQUITY	MID AMERICA APARTMENT COMM	\$ 2,558,211	35,020	0.95	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ARROW ELECTRONICS INC	\$ 3,806,011	63,003	1.41	0	
MML SMALL/MID CAP VALUE FD	EQUITY	AVNET INC	\$ 3,631,648	81,960	1.35	0	
MML SMALL/MID CAP VALUE FD	EQUITY	LAM RESEARCH CORP	\$ 3,840,234	56,825	1.43	0	
MML SMALL/MID CAP VALUE FD	EQUITY	PULTEGROUP INC	\$ 2,714,746	134,660	1.01	0	
MML SMALL/MID CAP VALUE FD	EQUITY	RYDER SYSTEM INC	\$ 3,379,132	38,360	1.26	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TENNECO INC	\$ 3,736,425	56,871	1.39	0	
MML SMALL/MID CAP VALUE FD	EQUITY	COMERICA INC	\$ 3,493,895	69,655	1.30	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ASSOCIATED BANC CORP	\$ 2,419,231	133,807	0.90	0	
MML SMALL/MID CAP VALUE FD	EQUITY	AMERICAN FINANCIAL GROUP INC	\$ 3,801,715	63,830	1.41	0	
MML SMALL/MID CAP VALUE FD	EQUITY	UNUM GROUP	\$ 2,929,469	84,277	1.09	0	
MML SMALL/MID CAP VALUE FD	EQUITY	COMMERCIAL METALS CO	\$ 1,685,717	97,384	0.63	0	
MML SMALL/MID CAP VALUE FD	EQUITY	HELEN OF TROY LTD	\$ 2,487,649	41,030	0.92	0	
MML SMALL/MID CAP VALUE FD	EQUITY	PARTNERRE LTD	\$ 3,637,785	33,310	1.35	0	
MML SMALL/MID CAP VALUE FD	EQUITY	HUNTINGTON BANCSHARES INC	\$ 3,301,556	346,075	1.23	0	
MML SMALL/MID CAP VALUE FD	EQUITY	LIFEPOINT HOSPITALS INC	\$ 3,050,973	49,130	1.13	0	
MML SMALL/MID CAP VALUE FD	EQUITY	WESCO INTERNATIONAL INC	\$ 2,427,278	28,100	0.90	0	
MML SMALL/MID CAP VALUE FD	EQUITY	THERAVANCE INC	\$ 1,254,929	42,140	0.47	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL/MID CAP VALUE FD	EQUITY	BILL BARRETT CORP	\$ 3,453,977	128,976	1.28	0	
MML SMALL/MID CAP VALUE FD	EQUITY	HUNTSMAN CORP	\$ 3,366,099	119,790	1.25	0	
MML SMALL/MID CAP VALUE FD	EQUITY	DIAMONDROCK HOSPITALITY CO	\$ 3,084,979	240,638	1.15	0	
MML SMALL/MID CAP VALUE FD	EQUITY	MEDICAL PROPERTIES TRUST INC	\$ 3,108,884	234,810	1.15	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GAMESTOP CORP CLASS A	\$ 2,733,061	67,533	1.02	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ROSETTA RESOURCES INC	\$ 3,807,139	69,410	1.41	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CON WAY INC	\$ 3,139,031	62,270	1.17	0	
MML SMALL/MID CAP VALUE FD	EQUITY	SPIRIT AEROSYSTEMS HOLD CL A	\$ 1,986,952	58,960	0.74	0	
MML SMALL/MID CAP VALUE FD	EQUITY	AECOM TECHNOLOGY CORP	\$ 2,493,246	77,430	0.93	0	
MML SMALL/MID CAP VALUE FD	CASH EQUIVALENT	STATE STREET REPO	\$ 4,626,207	4,626,207	1.72	0.01	7/1/2014
MML SMALL/MID CAP VALUE FD	EQUITY	ZIONS BANCORPORATION	\$ 3,223,281	109,375	1.20	0	
MML SMALL/MID CAP VALUE FD	EQUITY	URS CORP	\$ 2,268,658	49,480	0.84	0	
MML SMALL/MID CAP VALUE FD	EQUITY	E TRADE FINANCIAL CORP	\$ 2,424,150	114,024	0.90	0	
MML SMALL/MID CAP VALUE FD	EQUITY	BOOZ ALLEN HAMILTON HOLDINGS	\$ 1,696,439	79,870	0.63	0	
MML SMALL/MID CAP VALUE FD	EQUITY	STAG INDUSTRIAL INC	\$ 1,809,154	75,350	0.67	0	
MML SMALL/MID CAP VALUE FD	EQUITY	DDR CORP	\$ 3,043,467	172,630	1.13	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ITT CORP	\$ 2,941,315	61,150	1.09	0	
MML SMALL/MID CAP VALUE FD	EQUITY	POPULAR INC	\$ 3,348,239	97,959	1.24	0	
MML SMALL/MID CAP VALUE FD	EQUITY	BLOOMIN BRANDS INC	\$ 2,482,104	110,660	0.92	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CDW CORP/DE	\$ 3,741,214	117,353	1.39	0	
MML SMALL/MID CAP VALUE FD	EQUITY	DEAN FOODS CO	\$ 3,726,512	211,854	1.38	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ESSENT GROUP LTD	\$ 358,807	17,860	0.13	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GRAPHIC PACKAGING HOLDING CO	\$ 2,740,257	234,210	1.02	0	
MML SMALL/MID CAP VALUE FD	EQUITY	PACWEST BANCORP	\$ 1,986,295	46,011	0.74	0	
MML SMALL/MID CAP VALUE FD	EQUITY	DINEEQUITY INC	\$ 2,223,335	27,970	0.83	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TUTOR PERINI CORP	\$ 2,877,453	90,657	1.07	0	
MML SMALL/MID CAP VALUE FD	EQUITY	LEAR CORP	\$ 3,847,548	43,076	1.43	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CNO FINANCIAL GROUP INC	\$ 2,960,496	166,320	1.10	0	
MML SMALL/MID CAP VALUE FD	EQUITY	SOUTHWEST GAS CORP	\$ 2,860,162	54,180	1.06	0	
MML SMALL/MID CAP VALUE FD	EQUITY	THOR INDUSTRIES INC	\$ 2,219,067	39,020	0.82	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ANIXTER INTERNATIONAL INC	\$ 2,323,625	23,220	0.86	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ATMOS ENERGY CORP	\$ 3,028,901	56,721	1.13	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CHILDREN S PLACE INC/THE	\$ 2,881,220	58,054	1.07	0	
MML SMALL/MID CAP VALUE FD	EQUITY	BROCADE COMMUNICATIONS SYS	\$ 2,102,660	228,550	0.78	0	
MML SMALL/MID CAP VALUE FD	EQUITY	VALIDUS HOLDINGS LTD	\$ 3,458,426	90,440	1.28	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GENPACT LTD W/D	\$ 2,540,220	144,907	0.94	0	
MML SMALL/MID CAP VALUE FD	EQUITY	DANA HOLDING CORP	\$ 3,704,587	151,703	1.38	0	
MML SMALL/MID CAP VALUE FD	EQUITY	HEALTH NET INC	\$ 1,980,295	47,672	0.74	0	
MML SMALL/MID CAP VALUE FD	EQUITY	PNM RESOURCES INC	\$ 3,455,455	117,813	1.28	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CIMAREX ENERGY CO	\$ 1,720,085	11,990	0.64	0	
MML SMALL/MID CAP VALUE FD	EQUITY	FIRST NIAGARA FINANCIAL GRP	\$ 2,028,799	232,128	0.75	0	
MML SMALL/MID CAP VALUE FD	EQUITY	MOLINA HEALTHCARE INC	\$ 2,970,573	66,560	1.10	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ASPEN INSURANCE HOLDINGS LTD	\$ 3,955,174	87,080	1.47	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TRW AUTOMOTIVE HOLDINGS CORP	\$ 3,570,416	39,884	1.33	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ASSURANT INC	\$ 2,495,489	38,070	0.93	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GENWORTH FINANCIAL INC CL A	\$ 3,658,524	210,260	1.36	0	
MML SMALL/MID CAP VALUE FD	EQUITY	BIOMED REALTY TRUST INC	\$ 1,989,106	91,118	0.74	0	
MML SMALL/MID CAP VALUE FD	EQUITY	VISHAY INTERTECHNOLOGY INC	\$ 3,801,494	245,416	1.41	0	
MML SMALL/MID CAP VALUE FD	EQUITY	WESTAR ENERGY INC	\$ 3,526,847	92,350	1.31	0	
MML SMALL/MID CAP VALUE FD	EQUITY	BROWN SHOE COMPANY INC	\$ 1,505,744	52,630	0.56	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GRANITE CONSTRUCTION INC	\$ 1,781,190	49,505	0.66	0	
MML SMALL/MID CAP VALUE FD	EQUITY	KENNAMETAL INC	\$ 2,448,675	52,910	0.91	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML SMALL/MID CAP VALUE FD	EQUITY	OFFICE DEPOT INC	\$ 4,125,461	725,037	1.53	0	
MML SMALL/MID CAP VALUE FD	EQUITY	HARRIS CORP	\$ 3,189,075	42,100	1.18	0	
MML SMALL/MID CAP VALUE FD	EQUITY	GANNETT CO	\$ 3,395,883	108,460	1.26	0	
MML SMALL/MID CAP VALUE FD	EQUITY	AVERY DENNISON CORP	\$ 2,725,219	53,175	1.01	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ELECTRONIC ARTS INC	\$ 3,598,120	100,310	1.34	0	
MML SMALL/MID CAP VALUE FD	EQUITY	JABIL CIRCUIT INC	\$ 3,525,976	168,707	1.31	0	
MML SMALL/MID CAP VALUE FD	EQUITY	AMDOCS LTD	\$ 3,034,522	65,498	1.13	0	
MML SMALL/MID CAP VALUE FD	EQUITY	NCR CORPORATION	\$ 2,500,163	71,250	0.93	0	
MML SMALL/MID CAP VALUE FD	EQUITY	CONVERGYS CORP	\$ 1,777,505	82,906	0.66	0	
MML SMALL/MID CAP VALUE FD	EQUITY	TTM TECHNOLOGIES	\$ 1,771,257	216,007	0.66	0	
MML SMALL/MID CAP VALUE FD	EQUITY	ENTEGRIS INC	\$ 2,549,065	185,454	0.95	0	
MML CONSERV ALLOCATION FD	EQUITY	MML FOREIGN FD	\$ 7,850,333	672,694	1.64	0	
MML CONSERV ALLOCATION FD	EQUITY	MML GLOBAL FD	\$ 10,372,057	796,625	2.17	0	
MML CONSERV ALLOCATION FD	EQUITY	MML LARGE CAP GROWTH FD	\$ 13,784,595	917,749	2.88	0	
MML CONSERV ALLOCATION FD	EQUITY	MML SHORT DURATION BOND FUND	\$ 31,540,272	3,163,518	6.59	0	
MML CONSERV ALLOCATION FD	EQUITY	MML HIGH YIELD FUND	\$ 22,573,873	2,041,037	4.71	0	
MML CONSERV ALLOCATION FD	EQUITY	MML SMALL CAP GROWTH EQUITY FD	\$ 4,542,919	191,988	0.95	0	
MML CONSERV ALLOCATION FD	EQUITY	MML MID CAP GROWTH FD	\$ 8,435,849	478,223	1.76	0	
MML CONSERV ALLOCATION FD	EQUITY	MML MID CAP VALUE FD	\$ 11,306,767	751,780	2.36	0	
MML CONSERV ALLOCATION FD	EQUITY	MML BLUE CHIP GROWTH FD	\$ 20,463,291	1,145,761	4.27	0	
MML CONSERV ALLOCATION FD	EQUITY	MML EQUITY INCOME FD	\$ 19,677,704	1,376,063	4.11	0	
MML CONSERV ALLOCATION FD	EQUITY	MML INFLATION PROTECTED BD FD	\$ 7,240,507	678,585	1.51	0	
MML CONSERV ALLOCATION FD	EQUITY	MML MANAGED BOND FUND	\$ 125,751,056	9,782,659	26.26	0	
MML CONSERV ALLOCATION FD	EQUITY	OPP GLOBAL STRAT INC FD/VA	\$ 33,259,992	6,182,155	6.95	0	
MML CONSERV ALLOCATION FD	EQUITY	MML INCOME AND GROWTH FD	\$ 11,230,069	925,047	2.35	0	
MML CONSERV ALLOCATION FD	EQUITY	MML FUNDAMENTAL GROWTH FUND	\$ 13,553,983	902,396	2.83	0	
MML CONSERV ALLOCATION FD	EQUITY	MML PIMCO TOTAL RETURN FUND	\$ 65,852,374	6,183,321	13.75	0	
MML CONSERV ALLOCATION FD	EQUITY	MML FUNDAMENTAL VALUE FUND	\$ 18,535,183	1,128,130	3.87	0	
MML CONSERV ALLOCATION FD	EQUITY	OPP DISC MID CAP GROWTH FD/VA	\$ 2,921,474	38,932	0.61	0	
MML CONSERV ALLOCATION FD	EQUITY	MML SMALL/MID CAP VALUE	\$ 3,762,981	251,368	0.79	0	
MML CONSERV ALLOCATION FD	EQUITY	MML FOCUSED EQUITY FUND	\$ 7,276,832	437,310	1.52	0	
MML CONSERV ALLOCATION FD	EQUITY	OPP INTL GROWTH FUND/VA	\$ 7,789,403	3,054,668	1.63	0	
MML CONSERV ALLOCATION FD	EQUITY	MML MANAGED VOLATILITY FUND	\$ 9,477,146	642,164	1.98	0	
MML CONSERV ALLOCATION FD	EQUITY	OPP VAR ACC GLOBAL FUND	\$ 8,039,701	199,101	1.68	0	
MML CONSERV ALLOCATION FD	EQUITY	MML SMALL COMPANY VALUE FUND	\$ 5,951,037	241,912	1.24	0	
MML CONSERV ALLOCATION FD	EQUITY	MML INTERNATIONAL EQUITY FUND	\$ 7,622,214	738,587	1.59	0	
MML BALANCED ALLOCATION FD	EQUITY	MML HIGH YIELD FUND	\$ 23,291,395	2,105,913	3.96	0	
MML BALANCED ALLOCATION FD	EQUITY	MML PIMCO TOTAL RETURN FUND	\$ 67,066,530	6,297,327	11.40	0	
MML BALANCED ALLOCATION FD	EQUITY	MML FUNDAMENTAL VALUE FUND	\$ 24,451,409	1,488,217	4.16	0	
MML BALANCED ALLOCATION FD	EQUITY	MML FUNDAMENTAL GROWTH FUND	\$ 19,530,869	1,300,324	3.32	0	
MML BALANCED ALLOCATION FD	EQUITY	MML FOCUSED EQUITY FUND	\$ 13,166,795	791,274	2.24	0	
MML BALANCED ALLOCATION FD	EQUITY	OPP DISC MID CAP GROWTH FD/VA	\$ 5,450,803	72,639	0.93	0	
MML BALANCED ALLOCATION FD	EQUITY	MML SMALL/MID CAP VALUE	\$ 6,370,304	425,538	1.08	0	
MML BALANCED ALLOCATION FD	EQUITY	MML INTERNATIONAL EQUITY FUND	\$ 12,820,588	1,242,305	2.18	0	
MML BALANCED ALLOCATION FD	EQUITY	MML MANAGED VOLATILITY FUND	\$ 14,454,666	979,436	2.46	0	
MML BALANCED ALLOCATION FD	EQUITY	OPP INTL GROWTH FUND/VA	\$ 13,197,985	5,175,680	2.24	0	
MML BALANCED ALLOCATION FD	EQUITY	MML INFLATION PROTECTED BD FD	\$ 8,877,743	832,028	1.51	0	
MML BALANCED ALLOCATION FD	EQUITY	MML MANAGED BOND FUND	\$ 128,710,384	10,012,877	21.87	0	
MML BALANCED ALLOCATION FD	EQUITY	OPP VAR ACC GLOBAL FUND	\$ 13,574,028	336,157	2.31	0	
MML BALANCED ALLOCATION FD	EQUITY	OPP GLOBAL STRAT INC FD/VA	\$ 34,906,585	6,488,213	5.93	0	
MML BALANCED ALLOCATION FD	EQUITY	MML INCOME AND GROWTH FD	\$ 18,785,959	1,547,443	3.19	0	
MML BALANCED ALLOCATION FD	EQUITY	MML SMALL COMPANY VALUE FUND	\$ 8,381,449	340,709	1.42	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML BALANCED ALLOCATION FD	EQUITY	MML FOREIGN FD	\$ 13,253,440	1,135,685	2.25	0	
MML BALANCED ALLOCATION FD	EQUITY	MML GLOBAL FD	\$ 15,265,843	1,172,492	2.59	0	
MML BALANCED ALLOCATION FD	EQUITY	MML LARGE CAP GROWTH FD	\$ 19,553,071	1,301,802	3.32	0	
MML BALANCED ALLOCATION FD	EQUITY	MML SHORT DURATION BOND FUND	\$ 30,075,274	3,016,577	5.11	0	
MML BALANCED ALLOCATION FD	EQUITY	MML SMALL CAP GROWTH EQUITY FD	\$ 7,499,502	316,935	1.27	0	
MML BALANCED ALLOCATION FD	EQUITY	MML MID CAP GROWTH FD	\$ 16,311,731	924,701	2.77	0	
MML BALANCED ALLOCATION FD	EQUITY	MML MID CAP VALUE FD	\$ 18,173,068	1,208,316	3.09	0	
MML BALANCED ALLOCATION FD	EQUITY	MML BLUE CHIP GROWTH FD	\$ 29,688,624	1,662,297	5.05	0	
MML BALANCED ALLOCATION FD	EQUITY	MML EQUITY INCOME FD	\$ 25,550,613	1,786,756	4.34	0	
MML MODERATE ALLOCATION FD	EQUITY	MML SMALL CAP GROWTH EQUITY FD	\$ 32,288,877	1,364,555	1.51	0	
MML MODERATE ALLOCATION FD	EQUITY	MML MID CAP GROWTH FD	\$ 71,157,835	4,033,891	3.34	0	
MML MODERATE ALLOCATION FD	EQUITY	MML MID CAP VALUE FD	\$ 80,387,156	5,344,891	3.77	0	
MML MODERATE ALLOCATION FD	EQUITY	MML BLUE CHIP GROWTH FD	\$ 123,672,025	6,924,525	5.80	0	
MML MODERATE ALLOCATION FD	EQUITY	MML EQUITY INCOME FD	\$ 90,619,785	6,337,048	4.25	0	
MML MODERATE ALLOCATION FD	EQUITY	MML INFLATION PROTECTED BD FD	\$ 25,961,645	2,433,144	1.22	0	
MML MODERATE ALLOCATION FD	EQUITY	MML MANAGED BOND FUND	\$ 365,399,857	28,425,863	17.14	0	
MML MODERATE ALLOCATION FD	EQUITY	OPP VAR ACC GLOBAL FUND	\$ 39,314,219	973,606	1.84	0	
MML MODERATE ALLOCATION FD	EQUITY	OPP GLOBAL STRAT INC FD/VA	\$ 97,212,476	18,069,233	4.56	0	
MML MODERATE ALLOCATION FD	EQUITY	MML INCOME AND GROWTH FD	\$ 73,873,564	6,085,137	3.47	0	
MML MODERATE ALLOCATION FD	EQUITY	MML SMALL COMPANY VALUE FUND	\$ 39,043,965	1,587,153	1.83	0	
MML MODERATE ALLOCATION FD	EQUITY	MML FOREIGN FD	\$ 49,575,031	4,248,075	2.33	0	
MML MODERATE ALLOCATION FD	EQUITY	MML GLOBAL FD	\$ 88,263,433	6,779,066	4.14	0	
MML MODERATE ALLOCATION FD	EQUITY	MML LARGE CAP GROWTH FD	\$ 82,965,686	5,523,681	3.89	0	
MML MODERATE ALLOCATION FD	EQUITY	MML SHORT DURATION BOND FUND	\$ 80,881,707	8,112,508	3.79	0	
MML MODERATE ALLOCATION FD	EQUITY	MML HIGH YIELD FUND	\$ 61,716,220	5,580,128	2.90	0	
MML MODERATE ALLOCATION FD	EQUITY	MML PIMCO TOTAL RETURN FUND	\$ 194,887,780	18,299,322	9.14	0	
MML MODERATE ALLOCATION FD	EQUITY	MML FUNDAMENTAL VALUE FUND	\$ 89,883,913	5,470,719	4.22	0	
MML MODERATE ALLOCATION FD	EQUITY	MML STRG EMERGING MARKETS FUND	\$ 43,893,080	4,071,714	2.06	0	
MML MODERATE ALLOCATION FD	EQUITY	MML FUNDAMENTAL GROWTH FUND	\$ 82,864,278	5,516,929	3.89	0	
MML MODERATE ALLOCATION FD	EQUITY	MML FOCUSED EQUITY FUND	\$ 64,020,354	3,847,377	3.00	0	
MML MODERATE ALLOCATION FD	EQUITY	OPP DISC MID CAP GROWTH FD/VA	\$ 23,100,964	307,849	1.08	0	
MML MODERATE ALLOCATION FD	EQUITY	MML SMALL/MID CAP VALUE	\$ 27,199,995	1,816,967	1.28	0	
MML MODERATE ALLOCATION FD	EQUITY	OPPENHEIMER DIVERSIFIED ALTER	\$ 52,920,541	4,904,591	2.48	0	
MML MODERATE ALLOCATION FD	EQUITY	MML INTERNATIONAL EQUITY FUND	\$ 47,897,093	4,641,191	2.25	0	
MML MODERATE ALLOCATION FD	EQUITY	MML MANAGED VOLATILITY FUND	\$ 60,027,315	4,067,401	2.82	0	
MML MODERATE ALLOCATION FD	EQUITY	OPP INTL GROWTH FUND/VA	\$ 42,275,599	16,578,666	1.98	0	
MML GROWTH ALLOCATION FD	EQUITY	MML PIMCO TOTAL RETURN FUND	\$ 93,965,944	8,823,093	5.50	0	
MML GROWTH ALLOCATION FD	EQUITY	MML FUNDAMENTAL VALUE FUND	\$ 81,073,165	4,934,459	4.75	0	
MML GROWTH ALLOCATION FD	EQUITY	MML STRG EMERGING MARKETS FUND	\$ 51,793,185	4,804,563	3.03	0	
MML GROWTH ALLOCATION FD	EQUITY	OPP DISC MID CAP GROWTH FD/VA	\$ 24,647,943	328,464	1.44	0	
MML GROWTH ALLOCATION FD	EQUITY	MML SMALL/MID CAP VALUE	\$ 28,293,551	1,890,017	1.66	0	
MML GROWTH ALLOCATION FD	EQUITY	OPPENHEIMER DIVERSIFIED ALTER	\$ 49,510,713	4,588,574	2.90	0	
MML GROWTH ALLOCATION FD	EQUITY	MML INTERNATIONAL EQUITY FUND	\$ 51,247,001	4,965,795	3.00	0	
MML GROWTH ALLOCATION FD	EQUITY	MML SMALL CAP GROWTH EQUITY FD	\$ 34,463,125	1,456,440	2.02	0	
MML GROWTH ALLOCATION FD	EQUITY	MML MID CAP GROWTH FD	\$ 77,275,913	4,380,721	4.52	0	
MML GROWTH ALLOCATION FD	EQUITY	MML MID CAP VALUE FD	\$ 81,559,628	5,422,848	4.77	0	
MML GROWTH ALLOCATION FD	EQUITY	MML BLUE CHIP GROWTH FD	\$ 121,047,697	6,777,587	7.09	0	
MML GROWTH ALLOCATION FD	EQUITY	MML EQUITY INCOME FD	\$ 82,675,621	5,781,512	4.84	0	
MML GROWTH ALLOCATION FD	EQUITY	MML INFLATION PROTECTED BD FD	\$ 16,525,529	1,548,784	0.97	0	
MML GROWTH ALLOCATION FD	EQUITY	MML MANAGED BOND FUND	\$ 183,807,220	14,299,072	10.76	0	
MML GROWTH ALLOCATION FD	EQUITY	OPP GLOBAL STRAT INC FD/VA	\$ 48,851,779	9,080,256	2.86	0	
MML GROWTH ALLOCATION FD	EQUITY	MML INCOME AND GROWTH FD	\$ 58,334,097	4,805,115	3.41	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML GROWTH ALLOCATION FD	EQUITY	MML FUNDAMENTAL GROWTH FUND	\$ 81,693,586	5,438,987	4.78	0	
MML GROWTH ALLOCATION FD	EQUITY	MML FOCUSED EQUITY FUND	\$ 73,739,517	4,431,461	4.32	0	
MML GROWTH ALLOCATION FD	EQUITY	OPP INTL GROWTH FUND/VA	\$ 46,006,999	18,041,960	2.69	0	
MML GROWTH ALLOCATION FD	EQUITY	MML MANAGED VOLATILITY FUND	\$ 61,433,340	4,162,672	3.60	0	
MML GROWTH ALLOCATION FD	EQUITY	OPP VAR ACC GLOBAL FUND	\$ 33,806,341	837,205	1.98	0	
MML GROWTH ALLOCATION FD	EQUITY	MML SMALL COMPANY VALUE FUND	\$ 38,513,359	1,565,584	2.25	0	
MML GROWTH ALLOCATION FD	EQUITY	MML FOREIGN FD	\$ 52,942,986	4,536,674	3.10	0	
MML GROWTH ALLOCATION FD	EQUITY	MML GLOBAL FD	\$ 86,194,826	6,620,186	5.05	0	
MML GROWTH ALLOCATION FD	EQUITY	MML LARGE CAP GROWTH FD	\$ 81,826,539	5,447,839	4.79	0	
MML GROWTH ALLOCATION FD	EQUITY	MML SHORT DURATION BOND FUND	\$ 38,684,097	3,880,050	2.26	0	
MML GROWTH ALLOCATION FD	EQUITY	MML HIGH YIELD FUND	\$ 28,511,323	2,577,877	1.67	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML SMALL CAP GROWTH EQUITY FD	\$ 3,093,604	130,738	2.63	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML MID CAP GROWTH FD	\$ 6,670,579	378,151	5.68	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML MID CAP VALUE FD	\$ 7,185,334	477,748	6.11	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML SMALL/MID CAP VALUE	\$ 2,394,688	159,966	2.04	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	OPPENHEIMER DIVERSIFIED ALTER	\$ 3,518,943	326,130	2.99	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML INTERNATIONAL EQUITY FUND	\$ 4,748,506	460,127	4.04	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML MANAGED VOLATILITY FUND	\$ 4,996,409	338,553	4.25	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	OPP INTL GROWTH FUND/VA	\$ 3,760,030	1,474,521	3.20	0	
MML AGGRESSIVE ALLOCATION FD	CASH EQUIVALENT	EURO TIME DEPOSIT (USD)	\$ 10	10	0.00	0	7/1/2014
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML LARGE CAP GROWTH FD	\$ 6,566,648	437,194	5.59	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML SHORT DURATION BOND FUND	\$ 1,086,899	109,017	0.92	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML HIGH YIELD FUND	\$ 572,659	51,778	0.49	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML PIMCO TOTAL RETURN FUND	\$ 2,851,932	267,787	2.43	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML FUNDAMENTAL VALUE FUND	\$ 6,169,881	375,525	5.25	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML STRG EMERGING MARKETS FUND	\$ 4,671,131	433,315	3.98	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML FUNDAMENTAL GROWTH FUND	\$ 6,453,734	429,676	5.49	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML FOCUSED EQUITY FUND	\$ 5,938,099	356,857	5.05	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	OPP DISC MID CAP GROWTH FD/VA	\$ 2,252,965	30,024	1.92	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML BLUE CHIP GROWTH FD	\$ 9,483,935	531,015	8.07	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML EQUITY INCOME FD	\$ 6,325,971	442,376	5.38	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML INFLATION PROTECTED BD FD	\$ 573,834	53,780	0.49	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML MANAGED BOND FUND	\$ 5,157,929	401,255	4.39	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	OPP VAR ACC GLOBAL FUND	\$ 2,563,827	63,492	2.18	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	OPP GLOBAL STRAT INC FD/VA	\$ 1,386,417	257,698	1.18	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML INCOME AND GROWTH FD	\$ 4,557,721	375,430	3.88	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML SMALL COMPANY VALUE FUND	\$ 3,375,160	137,202	2.87	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML FOREIGN FD	\$ 4,919,300	421,534	4.19	0	
MML AGGRESSIVE ALLOCATION FD	EQUITY	MML GLOBAL FD	\$ 6,236,414	478,987	5.31	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MAGNIT	\$ 2,732,641	10,507	2.48	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ESTACIO PARTICIPACOES SA	\$ 1,130,550	85,400	1.02	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ALROSA AO	\$ 566,569	458,603	0.51	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DP WORLD LTD	\$ 914,568	46,206	0.83	0	
MML STRAT EMERGING MARKETS FD	FIXED INCOME	INR TAX REFUND	\$ -	520,092	-	0.5	4/1/2015
MML STRAT EMERGING MARKETS FD	EQUITY	INRETAIL PERU CORP 144A	\$ 181,638	11,766	0.16	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ALMACENES EXITO SA GDR 144A	\$ 485,829	28,900	0.44	0	
MML STRAT EMERGING MARKETS FD	EQUITY	EMBRAER SA ADR	\$ 899,457	24,690	0.81	0	
MML STRAT EMERGING MARKETS FD	EQUITY	YOUKU TUDOU INC ADR	\$ 562,619	23,580	0.51	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GLENCORE PLC	\$ 2,021,425	362,771	1.83	0	
MML STRAT EMERGING MARKETS FD	EQUITY	YANDEX NV A	\$ 2,741,072	76,910	2.48	0	
MML STRAT EMERGING MARKETS FD	EQUITY	PRADA S.P.A.	\$ 1,990,507	280,000	1.80	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GENEL ENERGY PLC	\$ 468,390	26,997	0.42	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML STRAT EMERGING MARKETS FD	EQUITY	TELEFONICA BRASIL ADR	\$ 872,085	42,520	0.79	0	
MML STRAT EMERGING MARKETS FD	EQUITY	OLD MUTUAL PLC	\$ 965,334	285,346	0.87	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ASTRA INTERNATIONAL TBK PT	\$ 1,641,554	2,675,000	1.49	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CEMENTOS ARGOS SA PREF	\$ 294,565	48,598	0.27	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TURKIYE GARANTI BANKASI	\$ 820,521	209,671	0.74	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HACI OMER SABANCI HOLDING	\$ 1,224,339	262,251	1.11	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ULKER BISKUVI SANAYI	\$ 303,101	36,175	0.27	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GUARANTY TRUST BANK	\$ 224,239	1,262,170	0.20	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CTRIIP.COM INTERNATIONAL ADR	\$ 564,833	8,820	0.51	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CHINA LIFE INSURANCE CO H	\$ 5,228	2,000	0.00	0	
MML STRAT EMERGING MARKETS FD	EQUITY	AIRPORTS OF THAILAND PCL FOR	\$ 130,886	21,400	0.12	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BANCO BRADESCO ADR	\$ 580,800	40,000	0.53	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SHINSEGAE CO LTD	\$ 340,772	1,583	0.31	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SM PRIME HOLDINGS INC	\$ 684,723	1,884,500	0.62	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TAIWAN SEMICONDUCTOR MANUFAC	\$ 2,093,665	497,000	1.90	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TSINGTAO BREWERY CO LTD H	\$ 469,713	60,000	0.43	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO FINANCIERO BANORTE O	\$ 1,159,230	162,096	1.05	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HANG LUNG PROPERTIES LTD	\$ 1,616,191	524,000	1.46	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO TELEVISIA SA SPON ADR	\$ 1,295,889	37,770	1.17	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BANCOLOMBIA S.A. SPONS ADR	\$ 597,652	10,340	0.54	0	
MML STRAT EMERGING MARKETS FD	EQUITY	LVMH MOET HENNESSY LOUIS VUI	\$ 1,091,445	5,666	0.99	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HINDUSTAN UNILEVER LTD	\$ 212,893	20,673	0.19	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SHIRAM TRANSPORT FINANCE	\$ 104,238	6,958	0.09	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NEW ORIENTAL EDUCATIO SP ADR	\$ 1,145,433	43,110	1.04	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MINDRAY MEDICAL INTL LTD ADR	\$ 488,565	15,510	0.44	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HOME INNS + HOTELS MANAG ADR	\$ 569,245	16,630	0.52	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MARICO LTD	\$ 304,848	74,832	0.28	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GENTING BHD	\$ 1,260,028	405,000	1.14	0	
MML STRAT EMERGING MARKETS FD	EQUITY	KROTON EDUCACIONAL SA	\$ 1,107,989	39,511	1.00	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MULTIPLAN EMPREENDIMENTOS	\$ 60,367	2,600	0.05	0	
MML STRAT EMERGING MARKETS FD	EQUITY	B2W CIA DIGITAL	\$ 335,823	26,500	0.30	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MERCADOLIBRE INC	\$ 1,164,834	12,210	1.06	0	
MML STRAT EMERGING MARKETS FD	EQUITY	WANT WANT CHINA HOLDINGS LTD	\$ 881,211	613,000	0.80	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BM+FBVESPA SA	\$ 1,953,960	372,500	1.77	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SINOPHARM GROUP CO H	\$ 667,159	240,400	0.60	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BANCO DAVIVIENDA SA	\$ 536,410	33,216	0.49	0	
MML STRAT EMERGING MARKETS FD	EQUITY	AIA GROUP LTD	\$ 1,011,765	200,800	0.92	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SOHO CHINA LTD	\$ 562,857	718,500	0.51	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SUL AMERICA SA UNITS	\$ 504,313	71,200	0.46	0	
MML STRAT EMERGING MARKETS FD	EQUITY	EURASIA DRILLIN GDR REGS	\$ 161,186	5,117	0.15	0	
MML STRAT EMERGING MARKETS FD	EQUITY	EURASIA DRILLIN GDR REGS	\$ 280,601	8,900	0.25	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DP WORLD LTD	\$ 175,232	8,895	0.16	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GLENMARK PHARMACEUTICALS LTD	\$ 118,051	12,456	0.11	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SM INVESTMENTS CORP	\$ 908,536	48,600	0.82	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CP ALL PCL FOREIGN	\$ 1,031,730	697,600	0.93	0	
MML STRAT EMERGING MARKETS FD	EQUITY	AMBUJA CEMENTS LTD	\$ 525,343	143,186	0.48	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BIM BIRLESIK MAGAZALAR AS	\$ 511,190	22,283	0.46	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NOVATEK OAO SPONS GDR REG S	\$ 2,680,031	21,584	2.43	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BAIDU INC SPON ADR	\$ 5,197,054	27,820	4.71	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ZENITH BANK PLC	\$ 342,508	2,228,014	0.31	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CYRELA BRAZIL REALTY SA EMP	\$ 504,763	80,700	0.46	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SHANDONG WEIGAO GP MEDICAL H	\$ 436,660	448,000	0.40	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML STRAT EMERGING MARKETS FD	EQUITY	ASIAN PAINTS LTD	\$ 459,766	46,631	0.42	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CIE FINANCIERE RICHEMON BR A	\$ 1,362,221	12,979	1.23	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MARICO KAYA ENTERPRISES LTD	\$ 28	794	0.00	0	
MML STRAT EMERGING MARKETS FD	EQUITY	AMBEV SA ADR	\$ 194,022	27,560	0.18	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GENTING BHD	\$ 72,845	81,500	0.07	0	
MML STRAT EMERGING MARKETS FD	EQUITY	BANCOLOMBIA SA PREF	\$ 88,820	6,064	0.08	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ZEE ENTERTAINMENT ENTERP	\$ 63,666	5,038,404	0.06	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TENCENT HOLDINGS LTD	\$ 1,991,636	129,914	1.80	0	
MML STRAT EMERGING MARKETS FD	EQUITY	JD.COM INC ADR	\$ 159,941	5,610	0.14	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO DE INV SURAMERICANA	\$ 327,552	15,413	0.30	0	
MML STRAT EMERGING MARKETS FD	EQUITY	B2W CIA DIGITAL	\$ 14,003	15,866	0.01	0	
MML STRAT EMERGING MARKETS FD	CASH EQUIVALENT	STATE STREET REPO	\$ 6,132,649	6,132,649	5.56	0.01	7/1/2014
MML STRAT EMERGING MARKETS FD	EQUITY	PETROLEO BRASILEIRO SPON ADR	\$ 2,381,972	152,300	2.16	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TULLOW OIL PLC	\$ 1,761,463	120,723	1.60	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NATURA COSMETICOS SA	\$ 1,090,778	64,700	0.99	0	
MML STRAT EMERGING MARKETS FD	EQUITY	LOCALIZA RENT A CAR	\$ 34,634	2,100	0.03	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TINGYI (CAYMAN ISLN) HLDG CO	\$ 1,567,980	560,000	1.42	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ALMACENES EXITO SA	\$ 531,907	31,603	0.48	0	
MML STRAT EMERGING MARKETS FD	EQUITY	MTN GROUP LTD	\$ 1,142,151	54,276	1.03	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ICICI BANK LTD SPON ADR	\$ 2,058,375	41,250	1.86	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HONG KONG EXCHANGES + CLEAR	\$ 801,051	42,943	0.73	0	
MML STRAT EMERGING MARKETS FD	CASH	NIGERIAN NAIRA	\$ 0	3	-	0	
MML STRAT EMERGING MARKETS FD	CASH	POUND STERLING	\$ 49	29	0.00	0	
MML STRAT EMERGING MARKETS FD	CASH	HONG KONG DOLLAR	\$ 34,130	264,518	0.03	0	
MML STRAT EMERGING MARKETS FD	CASH	MEXICAN PESO (NEW)	\$ -	(0)	-	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DIAGEO PLC	\$ 345,710	10,860	0.31	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CARLSBERG AS B	\$ 2,047,864	19,013	1.86	0	
MML STRAT EMERGING MARKETS FD	EQUITY	PERNOD RICARD SA	\$ 1,438,812	11,981	1.30	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HANG LUNG GROUP LTD	\$ 546,988	101,000	0.50	0	
MML STRAT EMERGING MARKETS FD	EQUITY	LOJAS AMERICANAS SA PREF	\$ 1,528,377	239,500	1.38	0	
MML STRAT EMERGING MARKETS FD	EQUITY	COLGATE PALMOLIVE (INDIA)	\$ 474,651	18,942	0.43	0	
MML STRAT EMERGING MARKETS FD	EQUITY	HOUSING DEVELOPMENT FINANCE	\$ 2,612,245	159,113	2.37	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ZEE ENTERTAINMENT ENTERPRISE	\$ 1,031,508	211,744	0.93	0	
MML STRAT EMERGING MARKETS FD	EQUITY	INFOSYS LTD	\$ 1,838,877	34,030	1.67	0	
MML STRAT EMERGING MARKETS FD	EQUITY	COMMERCIAL INTERNATIONAL BAN	\$ 523,263	104,216	0.47	0	
MML STRAT EMERGING MARKETS FD	EQUITY	INDOCEMENT TUNGGAL PRAKARSA	\$ 502,168	264,000	0.45	0	
MML STRAT EMERGING MARKETS FD	EQUITY	INTL CONTAINER TERM SVCS INC	\$ 116,518	45,820	0.11	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NASPERS LTD N SHS	\$ 602,776	5,121	0.55	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SEMEN INDONESIA PERSERO TBK	\$ 521,998	410,500	0.47	0	
MML STRAT EMERGING MARKETS FD	EQUITY	FOMENTO ECONOMICO MEXICA UBD	\$ 1,080,496	115,316	0.98	0	
MML STRAT EMERGING MARKETS FD	EQUITY	VALE SA PREF	\$ 98,817	8,286	0.09	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SABMILLER PLC	\$ 1,331,055	22,974	1.21	0	
MML STRAT EMERGING MARKETS FD	EQUITY	JARDINE STRATEGIC HLDGS LTD	\$ 1,005,271	28,130	0.91	0	
MML STRAT EMERGING MARKETS FD	CASH	SOUTH AFRICAN RAND	\$ 8,093	86,066	0.01	0	
MML STRAT EMERGING MARKETS FD	CASH	BRAZILIAN REAL	\$ 30,855	68,173	0.03	0	
MML STRAT EMERGING MARKETS FD	CASH	COLOMBIAN PESO	\$ 18,032	33,855,800	0.02	0	
MML STRAT EMERGING MARKETS FD	CASH	HUNGARIAN FORINT	\$ (65)	(14,598)	0.00	0	
MML STRAT EMERGING MARKETS FD	CASH	INDONESIAN RUPIAH	\$ -	(1)	-	0	
MML STRAT EMERGING MARKETS FD	CASH	INDIAN RUPEE	\$ 67,657	4,069,230	0.06	0	
MML STRAT EMERGING MARKETS FD	CASH	SOUTH KOREAN WON	\$ 4	4,152	0.00	0	
MML STRAT EMERGING MARKETS FD	CASH	NEW TAIWAN DOLLAR	\$ 2	52	0.00	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO AEROPORT DEL SURESTE B	\$ 158,770	12,495	0.14	0	

MML Series Investment Fund and MML Series Investment Fund II Portfolio Holdings
As of 6/30/2014

Fund Name	Asset Class	Security Name	Base Market Value	Shares/Par Value	Percent of Fund	Interest Rate	Maturity Date
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO MEXICO SAB DE CV SER B	\$ 218,844	65,585	0.20	0	
MML STRAT EMERGING MARKETS FD	EQUITY	APOLLO HOSPITALS ENTERPRISE	\$ 498,603	30,051	0.45	0	
MML STRAT EMERGING MARKETS FD	EQUITY	AMERICA MOVIL ADR SERIES L	\$ 943,295	45,460	0.85	0	
MML STRAT EMERGING MARKETS FD	EQUITY	LUPIN LTD	\$ 57,007	3,265	0.05	0	
MML STRAT EMERGING MARKETS FD	EQUITY	JOLLIBEE FOODS CORPORATION	\$ 533,766	132,380	0.48	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DR. REDDY S LABORATORIES	\$ 326,267	7,492	0.30	0	
MML STRAT EMERGING MARKETS FD	EQUITY	GRUPO FINANCIERO INBURSA O	\$ 786,798	263,965	0.71	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NIGERIAN BREWERIES PLC	\$ 513,652	486,626	0.47	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CHINA OILFIELD SERVICES H	\$ 490,565	204,000	0.44	0	
MML STRAT EMERGING MARKETS FD	EQUITY	NAVER CORP	\$ 833,238	1,007	0.75	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TENARIS SA ADR	\$ 1,601,214	33,960	1.45	0	
MML STRAT EMERGING MARKETS FD	EQUITY	SUN PHARMACEUTICAL INDUS	\$ 121,591	10,637	0.11	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DIVI S LABORATORIES LTD	\$ 64,314	2,640	0.06	0	
MML STRAT EMERGING MARKETS FD	EQUITY	UNILEVER INDONESIA TBK PT	\$ 214,840	87,000	0.19	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CNOOC LTD	\$ 1,092,531	607,000	0.99	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CIPLA LTD	\$ 577,629	79,222	0.52	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ULTRATECH CEMENT LTD	\$ 705,880	16,416	0.64	0	
MML STRAT EMERGING MARKETS FD	EQUITY	CENCOSUD SA	\$ 1,066,272	324,705	0.97	0	
MML STRAT EMERGING MARKETS FD	EQUITY	TATA CONSULTANCY SVCS LTD	\$ 1,024,386	25,517	0.93	0	
MML STRAT EMERGING MARKETS FD	EQUITY	DIAGNOSTICOS DA AMERICA SA	\$ 441,315	69,500	0.40	0	
MML STRAT EMERGING MARKETS FD	EQUITY	ANADOLU EFES BIRACILIK VE	\$ 643,546	52,536	0.58	0	
MML CHINA FD	CASH	US DOLLAR	\$ (1)	(1)	100.00	0	
MML AMER FDS GROWTH FD	EQUITY	AMERICAN FDS INS SER	\$ 104,767,333	1,332,748	100.00	0	
MML AMER FDS INT'L FD	EQUITY	AMER FD INS INTERNATIONAL FD	\$ 51,432,400	2,334,653	100.00	0	
MML AMER FDS CORE ALLOC FD	EQUITY	AMER FDS INS BOND FD	\$ 206,347,246	18,539,735	33.55	0	
MML AMER FDS CORE ALLOC FD	EQUITY	AMER FD INS INTERNATIONAL FD	\$ 61,392,184	2,786,754	9.98	0	
MML AMER FDS CORE ALLOC FD	EQUITY	AMER FDS INS GRWTH INC FD	\$ 188,518,215	3,655,579	30.65	0	
MML AMER FDS CORE ALLOC FD	EQUITY	AMER FDS INS BLUE CHIP INC GRT	\$ 158,805,827	11,238,912	25.82	0	