

Question 2

Investment Options by Provider	Mappable	Not Mappable
AIG Retirement Services		
FIXED INTEREST OPTION ¹	\$ 71,027,953	
AMERICAN EUROPACIFIC GROWTH R6	53,910,287	
DFA INFLATION PROTECTED SEC I	10,240,486	
T ROWE PRICE INSTL LG CP GRWTH	63,720,957	
VANGAURD VALUE INDEX INSTL	27,618,071	
VANGUARD EMRG MKT STK IDX ADM	4,179,210	
VANGUARD HEALTH CARE ADM	45,336,242	
VANGUARD INST IDX	78,259,765	
VANGUARD MIDCAP INDEX INS	50,758,485	
VANGUARD SMALL CAP INSTL	46,352,574	
VANGUARD TGT RTMT 2015	964,446	
VANGUARD TGT RTMT 2020	6,960,558	
VANGUARD TGT RTMT 2025	7,437,842	
VANGUARD TGT RTMT 2030	9,753,984	
VANGUARD TGT RTMT 2035	9,790,095	
VANGUARD TGT RTMT 2040	15,150,176	
VANGUARD TGT RTMT 2045	10,594,662	
VANGUARD TGT RTMT 2050	12,563,302	
VANGUARD TGT RTMT 2055	10,991,991	
VANGUARD TGT RTMT 2060	12,155,965	
VANGUARD TGT RTMT INC	33,766,217	
VANGUARD TOTAL BOND INDEX I	25,113,002	
MassMutual		
SF GIA 61953 ¹	\$ 42,610,154	
American Beacon Small Cap Val Fd	693,834	
American Funds Balanced Fund	29,202,131	
Invesco Small Cap Discovery Fund	18,464,014	
Ivy Science and Technology Fund	856,418	
JP Morgan Core Bond Fund	11,867,391	
JP Morgan Emerging Markets Eq Fd	994,625	
MFS Value Fund	26,785,586	
Oppenheimer International Gr Fund	21,668,642	
Select TRP/LS Blue Chip Growth Fund	16,348,844	
T. Rowe Price Retirement 2010 Fund	865,420	
T. Rowe Price Retirement 2015 Fund	5,719,652	
T. Rowe Price Retirement 2020 Fund	1,105,734	
T. Rowe Price Retirement 2025 Fund	17,456,991	

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T. Rowe Price Retirement 2030 Fund	2,881,763	
T. Rowe Price Retirement 2035 Fund	25,427,323	
T. Rowe Price Retirement 2040 Fund	4,465,000	
T. Rowe Price Retirement 2045 Fund	46,328,958	
T. Rowe Price Retirement 2050 Fund	4,637,357	
T. Rowe Price Retirement 2055 Fund	4,342,791	
T. Rowe Price Retirement 2060 Fund	2,619,174	
Vanguard Inflation-Protectd Secs Fd	10,502,762	
Vanguard Institutional Index Fund	34,063,352	
Vanguard Mid Cap Index Fund	24,161,326	
Vanguard Small Cap Index Fund	2,411,802	
MetLife Resources		
GTS FIXED ACCOUNT (TRADITIONAL) ¹	\$ 30,180,666	
AMERICAN FUNDS 2010 TRGT DATE RETIRE R6	37,969,199	
AMERICAN FUNDS 2015 TRGT DATE RETIRE R6	1,023,220	
AMERICAN FUNDS 2020 TRGT DATE RETIRE R6	3,486,741	
AMERICAN FUNDS 2025 TRGT DATE RETIRE R6	5,047,694	
AMERICAN FUNDS 2030 TRGT DATE RETIRE R6	6,135,580	
AMERICAN FUNDS 2035 TRGT DATE RETIRE R6	8,909,470	
AMERICAN FUNDS 2040 TRGT DATE RETIRE R6	9,909,928	
AMERICAN FUNDS 2045 TRGT DATE RETIRE R6	30,966,017	
AMERICAN FUNDS 2050 TRGT DATE RETIRE R6	4,692,873	
AMERICAN FUNDS 2055 TRGT DATE RETIRE R6	6,872,907	
AMERICAN FUNDS 2060 TARGET DATE RET R6	4,613,951	
CAUSEWAY INTERNATIONAL VALUE INSTL	15,963,622	
CLEARBRIDGE LARGE CAP GROWTH I	13,863,179	
COLUMBIA BALANCED INSTL 3	14,122,612	
DELAWARE SMALL CAP CORE I	24,299,649	
HARDING LOEVNER INSTL EMERG MKTS I	1,032,990	
JPMORGAN EQUITY INCOME R6	28,776,161	
METROPOLITAN WEST TOTAL RETURN BOND PLAN	10,905,518	
PIMCO REAL RETURN INSTL	380,487	
PRINCIPAL REAL ESTATE SECURITIES INST	8,920,342	
T. ROWE PRICE QM US SMALL-CAP GROWTH EQ	2,210,191	
VANGUARD FEDERAL MONEY MARKET INV	3,537,606	
VANGUARD INSTITUTIONAL INDEX FUND	32,704,064	
VANGUARD MID CAP INDEX I	12,473,353	
VICTORY INTEGRITY SMALL CAP VALUE R6	375,377	

Question 2

Investment Options by Provider	Mappable	Not Mappable
TIAA		
AMERICAN EUROPAC GROWTH R6	52,824,982	
AMERICAN FUNDS NEW WORLD R6	3,225,653	
CREF BOND MARKET R3		4,959,376
CREF EQUITY INDEX R3		12,626,095
CREF GLOBAL EQUITIES R3		11,989,695
CREF GROWTH R3		21,279,775
CREF INFLATION-LINKED BOND R3	14,697,567	3,990,268
CREF MONEY MARKET R3	14,690	4,109,317
CREF SOCIAL CHOICE R3	27,953,419	11,817,121
CREF STOCK R3	153,938,814	68,176,880
T. ROWE PRICE INST LRG CAP VAL	35,559,172	
TIAA REAL ESTATE		6,758,374
TIAA TRADITIONAL ²	124,065,228	96,279,583
TIAA-CREF BOND INDEX-INST	36,576,155	
TIAA-CREF EQ INDEX-INST	125,474,131	
TIAA-CREF LFCYLE RTMT INC-INST	597,873	
TIAA-CREF LIFECYCLE 2010-INST	7,644,408	
TIAA-CREF LIFECYCLE 2015-INST	11,884,459	
TIAA-CREF LIFECYCLE 2020-INST	25,868,959	
TIAA-CREF LIFECYCLE 2025-INST	37,369,595	
TIAA-CREF LIFECYCLE 2030-INST	54,557,437	
TIAA-CREF LIFECYCLE 2035-INST	73,662,152	
TIAA-CREF LIFECYCLE 2040-INST	117,748,350	
TIAA-CREF LIFECYCLE 2045-INST	52,819,276	
TIAA-CREF LIFECYCLE 2050-INST	43,606,788	
TIAA-CREF LIFECYCLE 2055-INST	20,242,867	
TIAA-CREF LIFECYCLE 2060-INST	2,612,600	
TIAA-CREF MONEY MARKET-INST	26,094,697	
TIAA-CREF REAL EST SECS-INST	39,108,775	
TIAA-CREF SM-CAP BL IDX-INST	28,671,678	
VANGUARD MID CAP INDEX INST	45,590,255	

¹ Market Value Adjustment, upon contract termination

² For mappable portion, paid in 60 monthly installments without any surrender charge. 90 day advance notice required from institution.

Question 5

Provider	Managed Accounts as of September 30, 2019	
	Enrolled participants	Total assets
AIG Retirement Services	953	\$ 75,382,508
MassMutual	0	\$ -
MetLife Resources	188	\$ 3,973,553
TIAA	123	\$ 10,326,710

Question 7

Provider	Investment product	Current credited rate
AIG Retirement Services	VALIC Fixed Interest	2.25%
MassMutual	General Fixed Interest account	2.90%
MetLife Resources	MetLife Gold Track Select	1.50%
TIAA	TIAA Traditional	3.50%

Question 8

Provider	Contributions	Transfers in	Withdrawals	Transfer out
AIG Retirement Services				
2016	\$ 4,790,476	\$ 109,648	\$ (4,981,590)	\$ 3,970,993
2017	\$ 4,903,799	\$ 314,076	\$ (4,878,419)	\$ 767,260
2018	\$ 4,851,270	\$ 923,239	\$ (5,574,039)	\$ 5,616,928
MassMutual*				
2016	\$ 1,981,842	\$ 243,699	\$ (1,649,688)	\$ -
2017	\$ 3,363,144	\$ -	\$ (2,668,511)	\$ (763,493)
2018	\$ 3,051,179	\$ 852,413	\$ (3,161,069)	\$ -
MetLife Resources				
2016	\$ 2,952,573	\$ 1,028,402	\$ (1,906,772)	\$ (507,932)
2017	\$ 2,786,227	\$ 457,687	\$ (1,709,111)	\$ (789,362)
2018	\$ 2,536,892	\$ 570,850	\$ (1,978,788)	\$ (918,527)
TIAA				
2016	\$ 6,395,321	\$ 9,727,121	\$ 11,039,436	\$ (4,725,229)
2017	\$ 6,446,636	\$ 11,018,042	\$ 16,328,513	\$ (4,892,677)
2018	\$ 6,171,423	\$ 12,077,101	\$ 18,065,155	\$ (868,379)

* Transfers are reported at net

Question 10

General Fixed Interest/Guaranteed Fund Demographics		
as of June 30, 2019		
Age	Balance of Active Participants	Balance of Inactive Participants
AIG Retirement Services		
Under 29	\$ 225,348	\$ 698,662
30-39	\$ 5,456,118	\$ 2,940,966
40-49	\$ 13,478,775	\$ 1,601,590
50-59	\$ 17,832,817	\$ 1,546,926
60-69	\$ 19,234,728	\$ 1,961,561
70+	\$ 5,353,457	\$ 697,004
MassMutual		
Under 29	\$ 231,679	\$ 11
30-39	\$ 7,085,509	\$ 126,205
40-49	\$ 13,199,323	\$ 258,386
50-59	\$ 12,144,505	\$ 323,710
60-69	\$ 7,806,670	\$ 256,956
70+	\$ 1,015,961	\$ 161,241
MetLife Resources		
Under 29	\$ 582,463	\$ 22,829
30-39	\$ 7,409,433	\$ 352,176
40-49	\$ 9,691,646	\$ 624,692
50-59	\$ 7,447,438	\$ 327,444
60-69	\$ 3,034,285	\$ 106,188
70+	\$ 356,974	\$ 127,366
TIAA (Assets in millions)		
Under 34	\$ 1.2	\$ 0.6
35-44	\$ 8.9	\$ 7.2
45-54	\$ 27.8	\$ 12.8
55-64	\$ 51.7	\$ 28.5
64+	\$ 34.0	\$ 50.8