

Rule 2a-7(c)(12) Schedule of Investments

TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of June 30, 2019

Weighted Average Maturity: 47.04 days

Weighted Average Life: 102.08 days

Issuer	Category of Investment	CUSIP	Principal Amount (\$)	Maturity Date	Final Maturity Date	Yield/Coupon Rate (%)	Market Value(\$)
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KKU3	825,000	8/23/2019	8/23/2019	2.2480	822,316
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KMB3	2,365,000	9/23/2019	9/23/2019	2.2010	2,353,080
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02H3	500,000	7/1/2019	9/27/2019	2.5300	499,963
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	500,000	7/1/2019	2/26/2020	2.5000	499,900
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	500,000	8/1/2019	11/1/2019	2.3790	499,947
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	500,000	7/1/2019	5/19/2020	2.5500	499,867
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	500,000	7/1/2019	7/8/2020	2.4700	500,173
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	500,000	7/1/2019	7/6/2020	2.4800	500,226
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	1,000,000	7/1/2019	9/1/2020	2.4800	999,995
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	2,000,000	6/29/2019	12/21/2020	2.5000	1,999,117
Federal Farm Credit Bank	U.S. Government Agency Debt	313312HR4	126,000	7/3/2019	7/3/2019	2.2300	125,985
Federal Farm Credit Bank	U.S. Government Agency Debt	313312HX1	1,000,000	7/9/2019	7/9/2019	2.2310	999,511
Federal Farm Credit Bank	U.S. Government Agency Debt	313312JV3	1,000,000	7/31/2019	7/31/2019	2.2340	998,167
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KA7	2,000,000	8/5/2019	8/5/2019	2.2450	1,995,703
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KB5	1,500,000	8/6/2019	8/6/2019	2.2450	1,496,685
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KH2	2,100,000	8/12/2019	8/12/2019	2.2460	2,094,586
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KK5	2,000,000	8/14/2019	8/14/2019	2.2460	1,994,598
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KR0	1,680,000	8/20/2019	8/20/2019	2.2470	1,674,843
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KX7	1,100,000	8/26/2019	8/26/2019	2.2480	1,096,218
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LF5	1,500,000	9/3/2019	9/3/2019	2.1980	1,494,240
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LM0	466,000	9/9/2019	9/9/2019	2.1990	464,043
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LU2	1,000,000	9/16/2019	9/16/2019	2.2000	995,380
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MB3	500,000	9/23/2019	9/23/2019	2.2010	497,480
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MN7	2,498,000	10/4/2019	10/4/2019	2.1710	2,483,959
Federal Farm Credit Bank	U.S. Government Agency Debt	313312NF3	750,000	10/21/2019	10/21/2019	2.1730	745,030
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH3E1	300,000	7/2/2019	10/18/2019	2.1460	299,999
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	250,000	7/1/2019	12/26/2019	2.4350	249,931
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	500,000	7/1/2019	9/28/2020	2.4800	499,977

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Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHE33	300,000	7/1/2019	10/10/2019	2.4200	299,953
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHVD2	250,000	7/1/2019	8/16/2019	2.4200	250,004
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHZW6	600,000	7/1/2019	9/25/2019	2.4250	599,930
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	1,000,000	7/7/2019	1/7/2020	2.3885	999,841
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	7/1/2019	7/9/2020	2.5400	1,000,789
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	7/2/2019	1/27/2020	2.1510	299,999
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	7/1/2019	5/29/2020	2.6300	300,484
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	7/1/2019	2/20/2020	2.5200	500,017
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	7/2/2019	8/17/2020	2.1410	499,786
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	500,000	7/2/2019	1/19/2021	2.2560	500,176
Federal Home Loan Bank	U.S. Government Agency Debt	3130ABSB3	500,000	7/12/2019	7/12/2019	2.3430	499,995
Federal Home Loan Bank	U.S. Government Agency Debt	3130AFK22	500,000	6/29/2019	9/10/2019	2.4800	500,005
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	2,500,000	7/1/2019	6/19/2020	2.4550	2,499,264
Federal Home Loan Bank	U.S. Government Agency Debt	313384HP7	1,000,000	7/1/2019	7/1/2019	0.0100	1,000,000
Federal Home Loan Bank	U.S. Government Agency Debt	313384HR3	3,000,000	7/3/2019	7/3/2019	2.2300	2,999,633
Federal Home Loan Bank	U.S. Government Agency Debt	313384HX0	935,000	7/9/2019	7/9/2019	2.2310	934,543
Federal Home Loan Bank	U.S. Government Agency Debt	313384HY8	1,925,000	7/10/2019	7/10/2019	2.2310	1,923,941
Federal Home Loan Bank	U.S. Government Agency Debt	313384JA8	2,305,000	7/12/2019	7/12/2019	2.2320	2,303,451
Federal Home Loan Bank	U.S. Government Agency Debt	313384JD2	1,000,000	7/15/2019	7/15/2019	2.2320	999,144
Federal Home Loan Bank	U.S. Government Agency Debt	313384JF7	1,200,000	7/17/2019	7/17/2019	2.2320	1,198,827
Federal Home Loan Bank	U.S. Government Agency Debt	313384JH3	1,000,000	7/19/2019	7/19/2019	2.2330	998,900
Federal Home Loan Bank	U.S. Government Agency Debt	313384JL4	900,000	7/22/2019	7/22/2019	2.2330	898,845
Federal Home Loan Bank	U.S. Government Agency Debt	313384JM2	828,000	7/23/2019	7/23/2019	2.2330	826,887
Federal Home Loan Bank	U.S. Government Agency Debt	313384JN0	594,000	7/24/2019	7/24/2019	2.2330	593,165
Federal Home Loan Bank	U.S. Government Agency Debt	313384JV2	897,000	7/31/2019	7/31/2019	2.2340	895,356
Federal Home Loan Bank	U.S. Government Agency Debt	313384KC2	1,000,000	8/7/2019	8/7/2019	2.2450	997,729
Federal Home Loan Bank	U.S. Government Agency Debt	313384KE8	750,000	8/9/2019	8/9/2019	2.2460	748,204
Federal Home Loan Bank	U.S. Government Agency Debt	313384KL2	2,950,000	8/15/2019	8/15/2019	2.2460	2,941,851
Federal Home Loan Bank	U.S. Government Agency Debt	313384KM0	2,625,000	8/16/2019	8/16/2019	2.2470	2,617,587
Federal Home Loan Bank	U.S. Government Agency Debt	313384KS7	1,000,000	8/21/2019	8/21/2019	2.2470	996,869
Federal Home Loan Bank	U.S. Government Agency Debt	313384KU2	1,404,000	8/23/2019	8/23/2019	2.2480	1,399,432
Federal Home Loan Bank	U.S. Government Agency Debt	313384LB3	2,159,000	8/30/2019	8/30/2019	2.2480	2,151,048
Federal Home Loan Bank	U.S. Government Agency Debt	313384LG2	2,300,000	9/4/2019	9/4/2019	2.1980	2,291,030
Federal Home Loan Bank	U.S. Government Agency Debt	313384LR8	6,000,000	9/13/2019	9/13/2019	2.1990	5,973,360

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Federal Home Loan Bank	U.S. Government Agency Debt	313384LW7	1,500,000	9/18/2019	9/18/2019	2.2000	1,492,890
Federal Home Loan Bank	U.S. Government Agency Debt	313384LY3	1,000,000	9/20/2019	9/20/2019	2.2000	995,140
Federal Home Loan Bank	U.S. Government Agency Debt	313384MB2	520,000	9/23/2019	9/23/2019	2.2010	517,379
Federal Home Loan Bank	U.S. Government Agency Debt	313384MD8	1,600,000	9/25/2019	9/25/2019	2.2010	1,591,744
Federal Home Loan Bank	U.S. Government Agency Debt	313384MJ5	2,000,000	9/30/2019	9/30/2019	2.2020	1,989,080
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396HR7	500,000	7/3/2019	7/3/2019	2.2300	499,939
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396HW6	1,000,000	7/8/2019	7/8/2019	2.2310	999,572
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MC4	1,225,000	9/24/2019	9/24/2019	2.2010	1,218,753
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MM2	920,000	10/3/2019	10/3/2019	2.1710	914,883
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MN0	500,000	10/4/2019	10/4/2019	2.1710	497,190
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MR1	535,000	10/7/2019	10/7/2019	2.1720	531,898
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NB5	1,085,000	10/17/2019	10/17/2019	2.1730	1,078,067
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NC3	500,000	10/18/2019	10/18/2019	2.1730	496,775
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NP4	430,000	10/29/2019	10/29/2019	2.1750	426,947
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NV1	780,000	11/4/2019	11/4/2019	2.1440	774,267
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396PL1	1,370,000	11/19/2019	11/19/2019	2.1460	1,358,732
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GBYH9	230,000	7/5/2019	7/5/2019	2.4328	230,004
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSDS1	750,000	7/8/2019	8/8/2019	2.3116	749,988
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588HP3	580,000	7/1/2019	7/1/2019	0.0100	580,000
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588KC8	1,000,000	8/7/2019	8/7/2019	2.2450	997,729
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588LW3	800,000	9/18/2019	9/18/2019	2.2000	796,208
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0U68	500,000	6/29/2019	10/30/2019	2.4900	500,112
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	500,000	6/29/2019	7/30/2020	2.4800	499,888
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	500,000	6/29/2019	10/30/2020	2.4950	500,259
U.S. Treasury Bill	U.S. Treasury Debt	912796QR3	1,080,000	7/18/2019	7/18/2019	2.0550	1,078,967
U.S. Treasury Bill	U.S. Treasury Debt	912796RW1	1,000,000	7/5/2019	7/5/2019	1.9720	999,784
U.S. Treasury Bill	U.S. Treasury Debt	912796RZ4	2,000,000	7/11/2019	7/11/2019	1.9690	1,998,921
U.S. Treasury Bill	U.S. Treasury Debt	912796SB6	1,000,000	8/1/2019	8/1/2019	2.0490	998,263
U.S. Treasury Bill	U.S. Treasury Debt	912796SP5	2,500,000	10/24/2019	10/24/2019	2.0230	2,484,166
U.S. Treasury Bill	U.S. Treasury Debt	912796VJ5	1,500,000	7/2/2019	7/2/2019	1.9640	1,499,919
U.S. Treasury Bill	U.S. Treasury Debt	912796VL0	995,000	7/16/2019	7/16/2019	2.0960	994,143
U.S. Treasury Note	U.S. Treasury Debt	912828B4	500,000	7/2/2019	10/31/2019	2.1440	499,963
U.S. Treasury Note	U.S. Treasury Debt	912828K3	1,500,000	7/2/2019	4/30/2020	2.1290	1,499,025
U.S. Treasury Note	U.S. Treasury Debt	912828T59	300,000	10/15/2019	10/15/2019	1.0000	299,039
U.S. Treasury Note	U.S. Treasury Debt	912828U32	1,563,000	11/15/2019	11/15/2019	1.0000	1,556,345