

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

TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of December 31, 2019

Weighted Average Maturity: 41.67 days

Weighted Average Life: 90.74 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	31315KTF7	2,000,000	2/18/2020	2/18/2020	1.5440	1,996,031
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	500,000	1/2/2020	2/26/2020	1.6700	499,975
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	500,000	1/2/2020	5/19/2020	1.8000	499,942
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	500,000	1/2/2020	7/8/2020	1.6400	500,089
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	500,000	1/2/2020	7/6/2020	1.6500	500,114
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	1,000,000	1/2/2020	9/1/2020	1.7300	999,998
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	2,000,000	1/1/2020	12/21/2020	1.6200	2,000,069
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BJY7	1,000,000	1/1/2020	2/8/2021	1.6100	999,896
Federal Farm Credit Bank	U.S. Government Agency Debt	313312TW0	650,000	3/4/2020	3/4/2020	1.5850	648,254
Federal Farm Credit Bank	U.S. Government Agency Debt	313312TY6	1,800,000	3/6/2020	3/6/2020	1.5860	1,795,008
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XJ4	2,000,000	5/27/2020	5/27/2020	1.6020	1,987,266
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XT2	2,300,000	6/5/2020	6/5/2020	1.6120	2,284,354
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XY1	2,000,000	6/10/2020	6/10/2020	1.6130	1,985,956
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	500,000	1/2/2020	9/28/2020	1.7300	499,987
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	1,000,000	1/7/2020	1/7/2020	1.6801	1,000,002
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	1/2/2020	7/9/2020	1.7900	1,000,627
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	1/7/2020	1/27/2020	1.5809	299,977
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	1/2/2020	5/29/2020	1.8800	300,220
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	1/2/2020	2/20/2020	1.7700	500,002
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	1/7/2020	8/17/2020	1.5709	499,880
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	500,000	1/7/2020	1/19/2021	1.6859	500,121
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	2,500,000	1/2/2020	6/19/2020	1.5750	2,499,114
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGWA9	500,000	1/2/2020	5/14/2021	1.5950	499,348
Federal Home Loan Bank	U.S. Government Agency Debt	3130AH7A5	1,000,000	1/2/2020	7/29/2020	1.6400	999,858
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHAP8	1,000,000	1/2/2020	10/7/2020	1.6600	999,668
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHD26	2,000,000	1/2/2020	10/16/2020	1.6700	1,999,992
Federal Home Loan Bank	U.S. Government Agency Debt	313384RN1	697,000	1/8/2020	1/8/2020	1.5310	696,825
Federal Home Loan Bank	U.S. Government Agency Debt	313384RQ4	1,600,000	1/10/2020	1/10/2020	1.5310	1,599,463

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Federal Home Loan Bank	U.S. Government Agency Debt	313384RV3	1,430,000	1/15/2020	1/15/2020	1.5310	1,429,220
Federal Home Loan Bank	U.S. Government Agency Debt	313384SB6	2,600,000	1/21/2020	1/21/2020	1.5320	2,597,928
Federal Home Loan Bank	U.S. Government Agency Debt	313384SC4	2,441,000	1/22/2020	1/22/2020	1.5320	2,438,952
Federal Home Loan Bank	U.S. Government Agency Debt	313384SJ9	1,000,000	1/28/2020	1/28/2020	1.5320	998,909
Federal Home Loan Bank	U.S. Government Agency Debt	313384SQ3	4,450,000	2/3/2020	2/3/2020	1.5430	4,443,988
Federal Home Loan Bank	U.S. Government Agency Debt	313384SS9	1,400,000	2/5/2020	2/5/2020	1.5430	1,397,990
Federal Home Loan Bank	U.S. Government Agency Debt	313384SZ3	2,000,000	2/12/2020	2/12/2020	1.5430	1,996,538
Federal Home Loan Bank	U.S. Government Agency Debt	313384TF6	946,000	2/18/2020	2/18/2020	1.5440	944,123
Federal Home Loan Bank	U.S. Government Agency Debt	313384TG4	2,000,000	2/19/2020	2/19/2020	1.5440	1,995,947
Federal Home Loan Bank	U.S. Government Agency Debt	313384TJ8	475,000	2/21/2020	2/21/2020	1.5440	473,997
Federal Home Loan Bank	U.S. Government Agency Debt	313384TP4	721,000	2/26/2020	2/26/2020	1.5440	719,326
Federal Home Loan Bank	U.S. Government Agency Debt	313384TR0	1,168,000	2/28/2020	2/28/2020	1.5440	1,165,189
Federal Home Loan Bank	U.S. Government Agency Debt	313384TY5	1,426,000	3/6/2020	3/6/2020	1.5860	1,422,045
Federal Home Loan Bank	U.S. Government Agency Debt	313384UD9	1,071,000	3/11/2020	3/11/2020	1.5860	1,067,798
Federal Home Loan Bank	U.S. Government Agency Debt	313384UF4	3,072,000	3/13/2020	3/13/2020	1.5860	3,062,548
Federal Home Loan Bank	U.S. Government Agency Debt	313384UJ6	3,340,000	3/16/2020	3/16/2020	1.5860	3,329,290
Federal Home Loan Bank	U.S. Government Agency Debt	313384UL1	270,000	3/18/2020	3/18/2020	1.5860	269,111
Federal Home Loan Bank	U.S. Government Agency Debt	313384UZ0	1,600,000	3/31/2020	3/31/2020	1.5870	1,593,829
Federal Home Loan Bank	U.S. Government Agency Debt	313384VJ5	300,000	4/9/2020	4/9/2020	1.5980	298,718
Federal Home Loan Bank	U.S. Government Agency Debt	313384WK1	1,050,000	5/4/2020	5/4/2020	1.6000	1,044,368
Federal Home Loan Bank	U.S. Government Agency Debt	313384XT1	1,744,000	6/5/2020	6/5/2020	1.6120	1,732,136
Federal Home Loan Bank	U.S. Government Agency Debt	313384YA1	332,000	6/12/2020	6/12/2020	1.6130	329,639
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396RT2	2,000,000	1/13/2020	1/13/2020	1.5310	1,999,077
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396TH6	2,000,000	2/20/2020	2/20/2020	1.5440	1,995,862
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396VJ9	100,000	4/9/2020	4/9/2020	1.5980	99,573
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GT2K8	2,000,000	1/1/2020	2/20/2020	1.5400	1,999,939
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GTLJ0	2,000,000	1/1/2020	4/29/2020	1.5800	1,999,928
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588SK2	1,800,000	1/29/2020	1/29/2020	1.5320	1,797,962
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588SS5	2,000,000	2/5/2020	2/5/2020	1.5430	1,997,129
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	500,000	1/1/2020	7/30/2020	1.6000	499,998
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	500,000	1/1/2020	10/30/2020	1.6150	500,069
U.S. Treasury Bill	U.S. Treasury Debt	912796RY7	1,960,000	1/30/2020	1/30/2020	1.4770	1,957,782
U.S. Treasury Bill	U.S. Treasury Debt	912796SD2	500,000	2/27/2020	2/27/2020	1.5340	498,826
U.S. Treasury Bill	U.S. Treasury Debt	912796SH3	130,000	3/26/2020	3/26/2020	1.5340	129,543
U.S. Treasury Bill	U.S. Treasury Debt	912796TB5	2,000,000	1/16/2020	1/16/2020	1.4170	1,998,913
U.S. Treasury Bill	U.S. Treasury Debt	912796TC3	2,000,000	1/23/2020	1/23/2020	1.4910	1,998,285
U.S. Treasury Bill	U.S. Treasury Debt	912796TF6	2,010,000	2/13/2020	2/13/2020	1.5100	2,006,512

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U.S. Treasury Bill	U.S. Treasury Debt	912796TG4	1,163,000	2/20/2020	2/20/2020	1.5390	1,160,602
U.S. Treasury Bill	U.S. Treasury Debt	912796TM1	1,800,000	4/2/2020	4/2/2020	1.5520	1,793,061
U.S. Treasury Bill	U.S. Treasury Debt	912796WN5	3,000,000	1/14/2020	1/14/2020	1.4880	2,998,532
U.S. Treasury Bill	U.S. Treasury Debt	912796WR6	2,000,000	2/4/2020	2/4/2020	1.5890	1,997,131
U.S. Treasury Note	U.S. Treasury Debt	9128283S7	3,000,000	1/31/2020	1/31/2020	2.0000	3,000,794
U.S. Treasury Note	U.S. Treasury Debt	9128283T5	2,500,000	1/7/2020	1/31/2020	1.5259	2,499,920
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	4,500,000	1/7/2020	4/30/2020	1.5589	4,499,861
U.S. Treasury Note	U.S. Treasury Debt	912828J50	2,000,000	2/29/2020	2/29/2020	1.3750	1,999,069