

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

## TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of October 31, 2019

Weighted Average Maturity: 34.06 days

Weighted Average Life: 102.81 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	3132X04L2	500,000	11/1/2019	2/26/2020	1.9400	499,951
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	500,000	11/1/2019	11/1/2019	2.0531	500,000
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	500,000	11/1/2019	5/19/2020	1.8000	499,917
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	500,000	11/1/2019	7/8/2020	1.9100	500,117
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	500,000	11/1/2019	7/6/2020	1.9200	500,152
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	1,000,000	11/1/2019	9/1/2020	1.7300	999,997
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	2,000,000	11/1/2019	12/21/2020	1.9000	2,000,074
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BJY7	1,000,000	11/1/2019	2/8/2021	1.8900	999,884
Federal Farm Credit Bank	U.S. Government Agency Debt	313312PU8	850,000	11/27/2019	11/27/2019	1.7050	848,969
Federal Farm Credit Bank	U.S. Government Agency Debt	313312QK9	1,727,000	12/12/2019	12/12/2019	1.6960	1,723,715
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XJ4	2,000,000	5/27/2020	5/27/2020	1.6250	1,981,627
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	250,000	11/1/2019	12/26/2019	1.6850	249,977
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	500,000	11/1/2019	9/28/2020	1.7300	499,982
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	1,000,000	11/7/2019	1/7/2020	1.9595	1,000,031
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	11/1/2019	7/9/2020	1.7900	1,000,955
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	11/5/2019	1/27/2020	1.6817	299,924
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	11/1/2019	5/29/2020	1.8800	300,308
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	11/1/2019	2/20/2020	1.7700	500,008
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	11/5/2019	8/17/2020	1.6717	499,849
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	500,000	11/5/2019	1/19/2021	1.7867	500,141
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	2,500,000	11/1/2019	6/19/2020	1.8550	2,498,784
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGWA9	500,000	11/1/2019	5/14/2021	1.8750	499,151
Federal Home Loan Bank	U.S. Government Agency Debt	3130AH7A5	1,000,000	11/1/2019	7/29/2020	1.9200	999,820
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHAP8	1,000,000	11/1/2019	10/7/2020	1.9400	999,742
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHD26	2,000,000	11/1/2019	10/16/2020	1.9500	1,999,994
Federal Home Loan Bank	U.S. Government Agency Debt	313384NW5	330,000	11/5/2019	11/5/2019	1.7030	329,938
Federal Home Loan Bank	U.S. Government Agency Debt	313384NX3	1,250,000	11/6/2019	11/6/2019	1.7030	1,249,708
Federal Home Loan Bank	U.S. Government Agency Debt	313384NY1	2,000,000	11/7/2019	11/7/2019	1.7030	1,999,440

Issuer	Category of Investment	CUSIP	Principal Amount (\$)	Maturity Date	Final Maturity Date	Yield/Coupon Rate (%)	Market Value(\$)
Federal Home Loan Bank	U.S. Government Agency Debt	313384NZ8	400,000	11/8/2019	11/8/2019	1.7030	399,869
Federal Home Loan Bank	U.S. Government Agency Debt	313384PE3	2,700,000	11/13/2019	11/13/2019	1.7040	2,698,488
Federal Home Loan Bank	U.S. Government Agency Debt	313384PF0	1,432,000	11/14/2019	11/14/2019	1.7040	1,431,131
Federal Home Loan Bank	U.S. Government Agency Debt	313384PK9	2,900,000	11/18/2019	11/18/2019	1.7040	2,897,699
Federal Home Loan Bank	U.S. Government Agency Debt	313384PM5	5,716,000	11/20/2019	11/20/2019	1.7040	5,710,932
Federal Home Loan Bank	U.S. Government Agency Debt	313384PP8	1,000,000	11/22/2019	11/22/2019	1.7050	999,020
Federal Home Loan Bank	U.S. Government Agency Debt	313384PS2	3,800,000	11/25/2019	11/25/2019	1.7050	3,795,744
Federal Home Loan Bank	U.S. Government Agency Debt	313384PT0	1,574,000	11/26/2019	11/26/2019	1.7050	1,572,164
Federal Home Loan Bank	U.S. Government Agency Debt	313384PW3	2,874,000	11/29/2019	11/29/2019	1.7050	2,870,245
Federal Home Loan Bank	U.S. Government Agency Debt	313384PZ6	2,000,000	12/2/2019	12/2/2019	1.6950	1,997,124
Federal Home Loan Bank	U.S. Government Agency Debt	313384QB8	1,110,000	12/4/2019	12/4/2019	1.6950	1,108,301
Federal Home Loan Bank	U.S. Government Agency Debt	313384QL6	3,766,000	12/13/2019	12/13/2019	1.6960	3,758,663
Federal Home Loan Bank	U.S. Government Agency Debt	313384RG6	2,565,000	1/2/2020	1/2/2020	1.6470	2,557,844
Federal Home Loan Bank	U.S. Government Agency Debt	313384RQ4	1,700,000	1/10/2020	1/10/2020	1.6470	1,694,645
Federal Home Loan Bank	U.S. Government Agency Debt	313384RV3	1,430,000	1/15/2020	1/15/2020	1.6480	1,425,174
Federal Home Loan Bank	U.S. Government Agency Debt	313384SC4	2,000,000	1/22/2020	1/22/2020	1.6480	1,992,620
Federal Home Loan Bank	U.S. Government Agency Debt	313384SJ9	1,000,000	1/28/2020	1/28/2020	1.6490	996,040
Federal Home Loan Bank	U.S. Government Agency Debt	313384UL1	270,000	3/18/2020	3/18/2020	1.6420	268,334
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NV1	780,000	11/4/2019	11/4/2019	1.7030	779,891
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396TH6	2,000,000	2/20/2020	2/20/2020	1.6400	1,990,072
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GT2K8	2,000,000	11/1/2019	2/20/2020	1.8200	1,999,870
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GTLJ0	2,000,000	11/1/2019	4/29/2020	1.8600	1,999,949
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588PE9	2,050,000	11/13/2019	11/13/2019	1.7040	2,048,852
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588SK2	1,800,000	1/29/2020	1/29/2020	1.6490	1,792,791
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	500,000	11/1/2019	7/30/2020	1.8800	500,000
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	500,000	11/1/2019	10/30/2020	1.8950	499,875
U.S. Treasury Bill	U.S. Treasury Debt	912796RN1	1,189,000	12/5/2019	12/5/2019	1.5390	1,187,297
U.S. Treasury Bill	U.S. Treasury Debt	912796SW0	812,000	12/12/2019	12/12/2019	1.5170	810,618
U.S. Treasury Bill	U.S. Treasury Debt	912796SX8	5,570,000	12/19/2019	12/19/2019	1.4570	5,559,341
U.S. Treasury Bill	U.S. Treasury Debt	912796TC3	2,000,000	1/23/2020	1/23/2020	1.5440	1,993,002
U.S. Treasury Bill	U.S. Treasury Debt	912796WD7	1,000,000	11/12/2019	11/12/2019	1.5360	999,537
U.S. Treasury Bill	U.S. Treasury Debt	912796WE5	3,000,000	11/19/2019	11/19/2019	1.5610	2,997,692
U.S. Treasury Bill	U.S. Treasury Debt	912796WF2	180,000	11/26/2019	11/26/2019	1.5720	179,806
U.S. Treasury Note	U.S. Treasury Debt	9128283S7	3,000,000	1/31/2020	1/31/2020	2.0000	3,002,930
U.S. Treasury Note	U.S. Treasury Debt	9128283T5	2,500,000	11/1/2019	1/31/2020	1.6367	2,499,369
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	4,500,000	11/1/2019	4/30/2020	1.6697	4,497,585
U.S. Treasury Note	U.S. Treasury Debt	912828J50	2,000,000	2/29/2020	2/29/2020	1.3750	1,998,516
U.S. Treasury Note	U.S. Treasury Debt	912828U32	1,563,000	11/15/2019	11/15/2019	1.0000	1,562,490