

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

## TIAA-CREF Money Market Fund

Fund Information and Unaudited Holdings as of October 31, 2019

Weighted Average Maturity: 41.81 days

Weighted Average Life: 101.26 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	31315KRU6	15,500,000	1/14/2020	1/14/2020	1.6470	15,448,385
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KVB3	15,000,000	4/2/2020	4/2/2020	1.6330	14,898,000
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	5,000,000	11/1/2019	2/26/2020	1.9400	4,999,511
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	5,000,000	11/1/2019	11/1/2019	2.0531	5,000,000
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	4,500,000	11/1/2019	5/19/2020	1.8000	4,499,257
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCW8	5,000,000	11/1/2019	8/28/2020	1.7900	5,000,207
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BDQ0	5,000,000	11/1/2019	3/18/2020	1.8700	5,000,070
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	4,500,000	11/1/2019	7/8/2020	1.9100	4,501,053
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	4,500,000	11/1/2019	7/6/2020	1.9200	4,501,365
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	5,000,000	11/1/2019	9/1/2020	1.7300	4,999,986
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	3,000,000	11/1/2019	12/21/2020	1.9000	3,000,110
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BHP8	5,000,000	11/1/2019	10/2/2020	1.8900	4,999,892
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BJY7	15,000,000	11/1/2019	2/8/2021	1.8900	14,998,257
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BJZ4	25,000,000	11/1/2019	11/9/2020	1.8800	24,996,375
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BKD1	5,000,000	11/1/2019	8/13/2020	1.8600	4,999,206
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BKL3	10,000,000	11/1/2019	10/1/2020	2.0915	9,992,734
Federal Farm Credit Bank	U.S. Government Agency Debt	313312PP9	3,500,000	11/22/2019	11/22/2019	1.7050	3,496,570
Federal Farm Credit Bank	U.S. Government Agency Debt	313312PU8	4,600,000	11/27/2019	11/27/2019	1.7050	4,594,419
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XA3	5,000,000	5/19/2020	5/19/2020	1.6250	4,955,833
Federal Farm Credit Bank	U.S. Government Agency Debt	313312XJ4	8,000,000	5/27/2020	5/27/2020	1.6250	7,926,507
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	4,750,000	11/1/2019	12/26/2019	1.6850	4,749,565
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	5,000,000	11/1/2019	9/28/2020	1.7300	4,999,823
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	5,000,000	11/7/2019	1/7/2020	1.9595	5,000,153
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	5,000,000	11/1/2019	7/9/2020	1.7900	5,004,776
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	9,755,000	11/5/2019	1/27/2020	1.6817	9,752,518
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	3,000,000	11/1/2019	5/29/2020	1.8800	3,003,082
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	11,500,000	11/1/2019	2/20/2020	1.7700	11,500,185
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	4,500,000	11/5/2019	8/17/2020	1.6717	4,498,642

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Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	5,000,000	11/5/2019	1/19/2021	1.7867	5,001,409
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	7,500,000	11/1/2019	6/19/2020	1.8550	7,496,352
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGSF3	8,000,000	11/1/2019	1/22/2021	1.8700	7,991,160
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGWA9	9,500,000	11/1/2019	5/14/2021	1.8750	9,483,866
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGXS9	10,000,000	11/1/2019	5/22/2020	1.8400	9,995,301
Federal Home Loan Bank	U.S. Government Agency Debt	3130AH7A5	13,000,000	11/1/2019	7/29/2020	1.9200	12,997,665
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHAP8	5,000,000	11/1/2019	10/7/2020	1.9400	4,998,710
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHCF8	25,000,000	11/11/2019	1/11/2021	2.0090	24,995,713
Federal Home Loan Bank	U.S. Government Agency Debt	3130AHD26	13,000,000	11/1/2019	10/16/2020	1.9500	12,999,961
Federal Home Loan Bank	U.S. Government Agency Debt	313384NS4	30,950,000	11/1/2019	11/1/2019	0.0100	30,950,000
Federal Home Loan Bank	U.S. Government Agency Debt	313384NW5	31,010,000	11/5/2019	11/5/2019	1.7030	31,004,211
Federal Home Loan Bank	U.S. Government Agency Debt	313384NX3	18,450,000	11/6/2019	11/6/2019	1.7030	18,445,695
Federal Home Loan Bank	U.S. Government Agency Debt	313384NZ8	33,135,000	11/8/2019	11/8/2019	1.7030	33,124,176
Federal Home Loan Bank	U.S. Government Agency Debt	313384PD5	20,000,000	11/12/2019	11/12/2019	1.7040	19,989,733
Federal Home Loan Bank	U.S. Government Agency Debt	313384PE3	17,900,000	11/13/2019	11/13/2019	1.7040	17,889,976
Federal Home Loan Bank	U.S. Government Agency Debt	313384PG8	15,480,000	11/15/2019	11/15/2019	1.7040	15,469,886
Federal Home Loan Bank	U.S. Government Agency Debt	313384PK9	20,000,000	11/18/2019	11/18/2019	1.7040	19,984,133
Federal Home Loan Bank	U.S. Government Agency Debt	313384PM5	25,550,000	11/20/2019	11/20/2019	1.7040	25,527,346
Federal Home Loan Bank	U.S. Government Agency Debt	313384PN3	25,000,000	11/21/2019	11/21/2019	1.7040	24,976,667
Federal Home Loan Bank	U.S. Government Agency Debt	313384PP8	19,000,000	11/22/2019	11/22/2019	1.7050	18,981,380
Federal Home Loan Bank	U.S. Government Agency Debt	313384PS2	47,400,000	11/25/2019	11/25/2019	1.7050	47,346,912
Federal Home Loan Bank	U.S. Government Agency Debt	313384PT0	60,500,000	11/26/2019	11/26/2019	1.7050	60,429,416
Federal Home Loan Bank	U.S. Government Agency Debt	313384PU7	23,864,000	11/27/2019	11/27/2019	1.7050	23,835,045
Federal Home Loan Bank	U.S. Government Agency Debt	313384PW3	3,108,000	11/29/2019	11/29/2019	1.7050	3,103,939
Federal Home Loan Bank	U.S. Government Agency Debt	313384PZ6	9,000,000	12/2/2019	12/2/2019	1.6950	8,987,057
Federal Home Loan Bank	U.S. Government Agency Debt	313384QB8	22,736,000	12/4/2019	12/4/2019	1.6950	22,701,195
Federal Home Loan Bank	U.S. Government Agency Debt	313384QD4	50,000,000	12/6/2019	12/6/2019	1.6950	49,918,820
Federal Home Loan Bank	U.S. Government Agency Debt	313384QJ1	26,650,000	12/11/2019	12/11/2019	1.6960	26,600,549
Federal Home Loan Bank	U.S. Government Agency Debt	313384QL6	17,279,000	12/13/2019	12/13/2019	1.6960	17,245,335
Federal Home Loan Bank	U.S. Government Agency Debt	313384QP7	15,000,000	12/16/2019	12/16/2019	1.6960	14,968,688
Federal Home Loan Bank	U.S. Government Agency Debt	313384QT9	30,000,000	12/20/2019	12/20/2019	1.6970	29,931,808
Federal Home Loan Bank	U.S. Government Agency Debt	313384RG6	21,395,000	1/2/2020	1/2/2020	1.6470	21,335,308
Federal Home Loan Bank	U.S. Government Agency Debt	313384RH4	6,800,000	1/3/2020	1/3/2020	1.6470	6,780,722
Federal Home Loan Bank	U.S. Government Agency Debt	313384RN1	25,820,000	1/8/2020	1/8/2020	1.6470	25,740,991

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Federal Home Loan Bank	U.S. Government Agency Debt	313384RQ4	23,600,000	1/10/2020	1/10/2020	1.6470	23,525,660
Federal Home Loan Bank	U.S. Government Agency Debt	313384RT8	25,000,000	1/13/2020	1/13/2020	1.6470	24,917,875
Federal Home Loan Bank	U.S. Government Agency Debt	313384RV3	25,520,000	1/15/2020	1/15/2020	1.6480	25,433,870
Federal Home Loan Bank	U.S. Government Agency Debt	313384SB6	10,000,000	1/21/2020	1/21/2020	1.6480	9,963,550
Federal Home Loan Bank	U.S. Government Agency Debt	313384SC4	15,000,000	1/22/2020	1/22/2020	1.6480	14,944,650
Federal Home Loan Bank	U.S. Government Agency Debt	313384SE0	15,000,000	1/24/2020	1/24/2020	1.6480	14,943,300
Federal Home Loan Bank	U.S. Government Agency Debt	313384SJ9	24,000,000	1/28/2020	1/28/2020	1.6490	23,904,960
Federal Home Loan Bank	U.S. Government Agency Debt	313384SK6	9,200,000	1/29/2020	1/29/2020	1.6490	9,163,154
Federal Home Loan Bank	U.S. Government Agency Debt	313384SS9	30,000,000	2/5/2020	2/5/2020	1.6390	29,871,200
Federal Home Loan Banks	U.S. Government Agency Debt	313384RW1	10,000,000	1/16/2020	1/16/2020	1.6480	9,965,800
Federal Home Loan Banks	U.S. Government Agency Debt	313384SU4	30,000,000	2/7/2020	2/7/2020	1.6390	29,868,517
Federal Home Loan Banks	U.S. Government Agency Debt	313384VS5	1,050,000	4/17/2020	4/17/2020	1.6340	1,042,160
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NV1	8,000,000	11/4/2019	11/4/2019	1.7030	7,998,880
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396PL1	12,000,000	11/19/2019	11/19/2019	1.7040	11,989,920
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396QG1	7,030,000	12/9/2019	12/9/2019	1.6960	7,017,608
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396QT3	25,000,000	12/20/2019	12/20/2019	1.6970	24,943,174
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396RD7	50,000,000	12/30/2019	12/30/2019	1.6970	49,863,153
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396RX3	56,500,000	1/17/2020	1/17/2020	1.6480	56,304,228
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396SQ7	10,200,000	2/3/2020	2/3/2020	1.6390	10,157,120
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396TH6	15,000,000	2/20/2020	2/20/2020	1.6400	14,925,537
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396TX1	7,600,000	3/5/2020	3/5/2020	1.6410	7,557,514
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396UL5	15,000,000	3/18/2020	3/18/2020	1.6420	14,907,425
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GT2K8	8,000,000	11/1/2019	2/20/2020	1.8200	7,999,481
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GT5G4	5,000,000	11/1/2019	3/4/2020	1.8400	4,999,630
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GTLJ0	15,000,000	11/1/2019	4/29/2020	1.8600	14,999,618
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588PE9	8,000,000	11/13/2019	11/13/2019	1.7040	7,995,520
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588SK2	13,800,000	1/29/2020	1/29/2020	1.6490	13,744,731
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	3,500,000	11/1/2019	7/30/2020	1.8800	3,500,000
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	4,500,000	11/1/2019	10/30/2020	1.8950	4,498,872
U.S. Treasury Bill	U.S. Treasury Debt	912796RN1	21,400,000	12/5/2019	12/5/2019	1.5390	21,369,346
U.S. Treasury Bill	U.S. Treasury Debt	912796SW0	39,241,000	12/12/2019	12/12/2019	1.5170	39,174,217
U.S. Treasury Bill	U.S. Treasury Debt	912796SX8	10,970,000	12/19/2019	12/19/2019	1.4570	10,949,008
U.S. Treasury Bill	U.S. Treasury Debt	912796TC3	8,000,000	1/23/2020	1/23/2020	1.5440	7,972,008
U.S. Treasury Bill	U.S. Treasury Debt	912796WD7	14,000,000	11/12/2019	11/12/2019	1.5360	13,993,518
U.S. Treasury Bill	U.S. Treasury Debt	912796WE5	5,000,000	11/19/2019	11/19/2019	1.5610	4,996,153
U.S. Treasury Note	U.S. Treasury Debt	9128283S7	5,000,000	1/31/2020	1/31/2020	2.0000	5,004,883
U.S. Treasury Note	U.S. Treasury Debt	9128283T5	8,000,000	11/1/2019	1/31/2020	1.6367	7,997,982
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	50,000,000	11/1/2019	4/30/2020	1.6697	49,973,171

<b>Issuer</b>	<b>Category of Investment</b>	<b>CUSIP</b>	<b>Principal Amount (\$)</b>	<b>Maturity Date</b>	<b>Final Maturity Date</b>	<b>Yield/Coupon Rate (%)</b>	<b>Market Value(\$)</b>
U.S. Treasury Note	U.S. Treasury Debt	9128285H9	12,000,000	11/1/2019	10/31/2020	1.6817	11,986,155
U.S. Treasury Note	U.S. Treasury Debt	912828J50	5,000,000	2/29/2020	2/29/2020	1.3750	4,996,289
U.S. Treasury Note	U.S. Treasury Debt	912828K58	17,400,000	4/30/2020	4/30/2020	1.3750	17,380,289
U.S. Treasury Note	U.S. Treasury Debt	912828U32	12,665,000	11/15/2019	11/15/2019	1.0000	12,660,866