

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

## TIAA-CREF Money Market Fund

Fund Information and Unaudited Holdings as of July 31, 2019

Weighted Average Maturity: 41.02 days

Weighted Average Life: 80.62 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	31315KKH2	7,000,000	8/12/2019	8/12/2019	2.1300	6,995,508
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KKU3	3,000,000	8/23/2019	8/23/2019	2.1310	2,996,150
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KLR9	8,000,000	9/13/2019	9/13/2019	2.1540	7,979,742
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KMB3	5,000,000	9/23/2019	9/23/2019	2.1560	4,984,394
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02H3	4,500,000	8/1/2019	9/27/2019	2.5400	4,499,747
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	5,000,000	8/1/2019	2/26/2020	2.5100	4,999,136
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	5,000,000	8/1/2019	11/1/2019	2.3790	4,999,612
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	4,500,000	8/1/2019	5/19/2020	2.5500	4,498,925
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCW8	5,000,000	8/1/2019	8/28/2020	2.5400	5,000,264
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BDQ0	5,000,000	8/1/2019	3/18/2020	2.4400	4,999,005
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	4,500,000	8/1/2019	7/8/2020	2.4800	4,501,427
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	4,500,000	8/1/2019	7/6/2020	2.4900	4,501,860
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	5,000,000	8/1/2019	9/1/2020	2.4800	4,999,974
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	3,000,000	8/1/2019	12/21/2020	2.4700	2,998,730
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BHP8	5,000,000	8/1/2019	10/2/2020	2.4600	4,998,239
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KA7	13,000,000	8/5/2019	8/5/2019	2.1290	12,996,967
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KB5	8,500,000	8/6/2019	8/6/2019	2.1290	8,497,521
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KH2	3,900,000	8/12/2019	8/12/2019	2.1300	3,897,497
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KK5	3,100,000	8/14/2019	8/14/2019	2.1300	3,097,649
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KR0	8,320,000	8/20/2019	8/20/2019	2.1310	8,310,779
Federal Farm Credit Bank	U.S. Government Agency Debt	313312KS8	16,900,000	8/21/2019	8/21/2019	2.1310	16,880,283
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LA6	5,000,000	8/29/2019	8/29/2019	2.1320	4,991,833
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LF5	1,000,000	9/3/2019	9/3/2019	2.1530	998,057
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LM0	6,150,000	9/9/2019	9/9/2019	2.1540	6,135,875
Federal Farm Credit Bank	U.S. Government Agency Debt	313312LU2	8,000,000	9/16/2019	9/16/2019	2.1550	7,978,329
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MB3	3,300,000	9/23/2019	9/23/2019	2.1560	3,289,700
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MF4	3,200,000	9/27/2019	9/27/2019	2.1560	3,189,259
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MJ6	2,000,000	9/30/2019	9/30/2019	2.1570	1,992,933

Issuer	Category of Investment	CUSIP	Principal Amount (\$)	Maturity Date	Final Maturity Date	Yield/Coupon Rate (%)	Market Value(\$)
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MN7	5,000,000	10/4/2019	10/4/2019	2.1370	4,981,333
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MS6	10,000,000	10/8/2019	10/8/2019	2.1370	9,960,333
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MV9	3,000,000	10/11/2019	10/11/2019	2.1380	2,987,575
Federal Farm Credit Bank	U.S. Government Agency Debt	313312NF3	2,250,000	10/21/2019	10/21/2019	2.1390	2,239,369
Federal Farm Credit Bank	U.S. Government Agency Debt	313312PP9	3,500,000	11/22/2019	11/22/2019	2.1220	3,477,149
Federal Farm Credit Bank	U.S. Government Agency Debt	313312PU8	4,600,000	11/27/2019	11/27/2019	2.1230	4,568,638
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH3E1	3,000,000	8/6/2019	10/18/2019	2.1309	2,999,988
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	4,750,000	8/1/2019	12/26/2019	2.4350	4,748,902
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	5,000,000	8/1/2019	9/28/2020	2.4800	4,999,767
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHE33	4,000,000	8/1/2019	10/10/2019	2.4200	3,999,560
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHVD2	5,000,000	8/1/2019	8/16/2019	2.4200	5,000,016
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHZW6	5,000,000	8/1/2019	9/25/2019	2.4250	4,999,586
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	5,000,000	8/7/2019	1/7/2020	2.3341	4,999,338
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	5,000,000	8/1/2019	7/9/2020	2.5400	5,003,624
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	9,755,000	8/6/2019	1/27/2020	2.1359	9,749,922
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	3,000,000	8/1/2019	5/29/2020	2.6300	3,004,392
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	11,500,000	8/1/2019	2/20/2020	2.5200	11,500,344
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	4,500,000	8/6/2019	8/17/2020	2.1259	4,498,224
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	5,000,000	8/6/2019	1/19/2021	2.2409	5,001,679
Federal Home Loan Bank	U.S. Government Agency Debt	3130AFK22	5,500,000	8/1/2019	9/10/2019	2.4500	5,500,002
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	7,500,000	8/1/2019	6/19/2020	2.4250	7,499,101
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGSF3	8,000,000	8/1/2019	1/22/2021	2.4400	7,997,235
Federal Home Loan Bank	U.S. Government Agency Debt	313384JW0	2,000,000	8/1/2019	8/1/2019	0.0100	2,000,000
Federal Home Loan Bank	U.S. Government Agency Debt	313384JX8	28,123,000	8/2/2019	8/2/2019	2.1290	28,121,360
Federal Home Loan Bank	U.S. Government Agency Debt	313384KA6	1,100,000	8/5/2019	8/5/2019	2.1290	1,099,743
Federal Home Loan Bank	U.S. Government Agency Debt	313384KC2	15,000,000	8/7/2019	8/7/2019	2.1290	14,994,750
Federal Home Loan Bank	U.S. Government Agency Debt	313384KE8	21,910,000	8/9/2019	8/9/2019	2.1300	21,899,775
Federal Home Loan Bank	U.S. Government Agency Debt	313384KK4	9,600,000	8/14/2019	8/14/2019	2.1300	9,592,720
Federal Home Loan Bank	U.S. Government Agency Debt	313384KL2	15,000,000	8/15/2019	8/15/2019	2.1300	14,987,750
Federal Home Loan Bank	U.S. Government Agency Debt	313384KM0	29,400,000	8/16/2019	8/16/2019	2.1310	29,374,275
Federal Home Loan Bank	U.S. Government Agency Debt	313384KQ1	6,000,000	8/19/2019	8/19/2019	2.1310	5,993,700
Federal Home Loan Bank	U.S. Government Agency Debt	313384KR9	23,002,000	8/20/2019	8/20/2019	2.1310	22,976,506
Federal Home Loan Bank	U.S. Government Agency Debt	313384KS7	9,000,000	8/21/2019	8/21/2019	2.1310	8,989,500
Federal Home Loan Bank	U.S. Government Agency Debt	313384KU2	46,164,000	8/23/2019	8/23/2019	2.1310	46,104,756

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Federal Home Loan Bank	U.S. Government Agency Debt	313384KZ1	13,600,000	8/28/2019	8/28/2019	2.1320	13,578,580
Federal Home Loan Bank	U.S. Government Agency Debt	313384LB3	12,641,000	8/30/2019	8/30/2019	2.1320	12,619,616
Federal Home Loan Bank	U.S. Government Agency Debt	313384LF4	12,600,000	9/3/2019	9/3/2019	2.1530	12,575,514
Federal Home Loan Bank	U.S. Government Agency Debt	313384LG2	18,985,000	9/4/2019	9/4/2019	2.1530	18,946,988
Federal Home Loan Bank	U.S. Government Agency Debt	313384LJ6	12,050,000	9/6/2019	9/6/2019	2.1540	12,024,454
Federal Home Loan Bank	U.S. Government Agency Debt	313384LM9	9,100,000	9/9/2019	9/9/2019	2.1540	9,079,100
Federal Home Loan Bank	U.S. Government Agency Debt	313384LN7	10,000,000	9/10/2019	9/10/2019	2.1540	9,976,444
Federal Home Loan Bank	U.S. Government Agency Debt	313384LP2	19,430,000	9/11/2019	9/11/2019	2.1540	19,383,087
Federal Home Loan Bank	U.S. Government Agency Debt	313384LR8	45,446,000	9/13/2019	9/13/2019	2.1540	45,330,921
Federal Home Loan Bank	U.S. Government Agency Debt	313384LW7	15,000,000	9/18/2019	9/18/2019	2.1550	14,957,600
Federal Home Loan Bank	U.S. Government Agency Debt	313384LX5	6,090,000	9/19/2019	9/19/2019	2.1550	6,072,427
Federal Home Loan Bank	U.S. Government Agency Debt	313384LY3	39,000,000	9/20/2019	9/20/2019	2.1550	38,885,167
Federal Home Loan Bank	U.S. Government Agency Debt	313384MB2	12,625,000	9/23/2019	9/23/2019	2.1560	12,585,596
Federal Home Loan Bank	U.S. Government Agency Debt	313384MD8	35,475,000	9/25/2019	9/25/2019	2.1560	35,360,100
Federal Home Loan Bank	U.S. Government Agency Debt	313384MF3	5,000,000	9/27/2019	9/27/2019	2.1560	4,983,217
Federal Home Loan Bank	U.S. Government Agency Debt	313384MJ5	15,000,000	9/30/2019	9/30/2019	2.1570	14,947,000
Federal Home Loan Bank	U.S. Government Agency Debt	313384ML0	6,406,000	10/2/2019	10/2/2019	2.1360	6,382,832
Federal Home Loan Bank	U.S. Government Agency Debt	313384MT3	1,000,000	10/9/2019	10/9/2019	2.1370	995,975
Federal Home Loan Bank	U.S. Government Agency Debt	313384MU0	10,000,000	10/10/2019	10/10/2019	2.1370	9,959,167
Federal Home Loan Bank	U.S. Government Agency Debt	313384MV8	65,000,000	10/11/2019	10/11/2019	2.1380	64,730,791
Federal Home Loan Bank	U.S. Government Agency Debt	313384NA3	55,535,000	10/16/2019	10/16/2019	2.1380	55,288,795
Federal Home Loan Bank	U.S. Government Agency Debt	313384NH8	7,150,000	10/23/2019	10/23/2019	2.1390	7,115,382
Federal Home Loan Bank	U.S. Government Agency Debt	313384NK1	37,840,000	10/25/2019	10/25/2019	2.1390	37,652,377
Federal Home Loan Bank	U.S. Government Agency Debt	313384NN5	10,759,000	10/28/2019	10/28/2019	2.1400	10,703,771
Federal Home Loan Bank	U.S. Government Agency Debt	313384NQ8	8,590,000	10/30/2019	10/30/2019	2.1400	8,544,903
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396LG6	5,000,000	9/4/2019	9/4/2019	2.1530	4,989,989
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396LH4	1,840,000	9/5/2019	9/5/2019	2.1530	1,836,208
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396LQ4	3,000,000	9/12/2019	9/12/2019	2.1540	2,992,580
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MC4	10,930,000	9/24/2019	9/24/2019	2.1560	10,895,243
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MM2	7,000,000	10/3/2019	10/3/2019	2.1370	6,974,275
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MN0	5,380,000	10/4/2019	10/4/2019	2.1370	5,359,915
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MR1	6,235,000	10/7/2019	10/7/2019	2.1370	6,210,632
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NB5	10,900,000	10/17/2019	10/17/2019	2.1380	10,851,041
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NC3	5,000,000	10/18/2019	10/18/2019	2.1380	4,977,250

Issuer	Category of Investment	CUSIP	Principal Amount (\$)	Maturity Date	Final Maturity Date	Yield/Coupon Rate (%)	Market Value(\$)
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NF6	1,500,000	10/21/2019	10/21/2019	2.1390	1,492,913
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NV1	8,000,000	11/4/2019	11/4/2019	2.1200	7,956,089
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396PL1	12,000,000	11/19/2019	11/19/2019	2.1220	11,923,733
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSDS1	11,250,000	8/8/2019	8/8/2019	2.2641	11,249,956
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSWD3	5,000,000	8/27/2019	8/27/2019	2.2956	4,999,937
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588KC8	5,000,000	8/7/2019	8/7/2019	2.1290	4,998,250
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588KK0	4,420,000	8/14/2019	8/14/2019	2.1300	4,416,648
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588KS3	2,000,000	8/21/2019	8/21/2019	2.1310	1,997,667
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588LW3	13,434,000	9/18/2019	9/18/2019	2.1550	13,396,027
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588ML6	14,328,000	10/2/2019	10/2/2019	2.1360	14,276,180
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0U68	4,500,000	8/1/2019	10/30/2019	2.4600	4,500,775
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	3,500,000	8/1/2019	7/30/2020	2.4500	3,501,088
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	4,500,000	8/1/2019	10/30/2020	2.4650	4,501,707
U.S. Treasury Bill	U.S. Treasury Debt	912796QV4	6,125,000	8/15/2019	8/15/2019	2.0140	6,120,272
U.S. Treasury Bill	U.S. Treasury Debt	912796RA9	10,100,000	9/12/2019	9/12/2019	1.9690	10,077,160
U.S. Treasury Bill	U.S. Treasury Debt	912796RF8	30,025,000	10/10/2019	10/10/2019	2.0820	29,905,551
U.S. Treasury Bill	U.S. Treasury Debt	912796RM3	16,015,000	11/7/2019	11/7/2019	2.0780	15,926,129
U.S. Treasury Bill	U.S. Treasury Debt	912796RN1	10,000,000	12/5/2019	12/5/2019	2.0700	9,929,029
U.S. Treasury Bill	U.S. Treasury Debt	912796SB6	16,000,000	8/1/2019	8/1/2019	0.0100	16,000,000
U.S. Treasury Bill	U.S. Treasury Debt	912796SC4	5,385,000	8/8/2019	8/8/2019	1.9620	5,382,974
U.S. Treasury Bill	U.S. Treasury Debt	912796SE0	4,700,000	8/22/2019	8/22/2019	2.0460	4,694,473
U.S. Treasury Bill	U.S. Treasury Debt	912796SG5	5,000,000	9/5/2019	9/5/2019	2.0230	4,990,318
U.S. Treasury Bill	U.S. Treasury Debt	912796SJ9	10,000,000	9/19/2019	9/19/2019	1.9840	9,973,436
U.S. Treasury Bill	U.S. Treasury Debt	912796SL4	23,525,000	10/3/2019	10/3/2019	2.0510	23,442,004
U.S. Treasury Bill	U.S. Treasury Debt	912796SP5	8,600,000	10/24/2019	10/24/2019	2.0630	8,559,345
U.S. Treasury Bill	U.S. Treasury Debt	912796SQ3	100,000	10/31/2019	10/31/2019	2.0730	99,486
U.S. Treasury Bill	U.S. Treasury Debt	912796SW0	5,000,000	12/12/2019	12/12/2019	2.0670	4,962,612
U.S. Treasury Bill	U.S. Treasury Debt	912796VP1	25,000,000	8/6/2019	8/6/2019	2.0310	24,993,044
U.S. Treasury Bill	U.S. Treasury Debt	912796VT3	16,400,000	9/3/2019	9/3/2019	2.1070	16,368,806
U.S. Treasury Bill	U.S. Treasury Debt	912796VU0	7,550,000	9/10/2019	9/10/2019	2.0750	7,532,866
U.S. Treasury Bill	U.S. Treasury Debt	912796VV8	133,000	9/17/2019	9/17/2019	2.0450	132,651
U.S. Treasury Note	U.S. Treasury Debt	9128283B4	14,000,000	8/1/2019	10/31/2019	2.0986	13,997,659
U.S. Treasury Note	U.S. Treasury Debt	9128283T5	3,000,000	8/1/2019	1/31/2020	2.0506	2,998,001
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	23,000,000	8/1/2019	4/30/2020	2.0836	22,980,434
U.S. Treasury Note	U.S. Treasury Debt	9128285H9	12,000,000	8/1/2019	10/31/2020	2.0956	11,982,467
U.S. Treasury Note	U.S. Treasury Debt	912828T59	7,000,000	10/15/2019	10/15/2019	1.0000	6,984,141
U.S. Treasury Note	U.S. Treasury Debt	912828U32	12,665,000	11/15/2019	11/15/2019	1.0000	12,624,927