

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

## TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of September 30, 2019

Weighted Average Maturity: 32.09 days

Weighted Average Life: 92.13 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	10/1/2019	2/26/2020	1.9500	499,938
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	500,000	11/1/2019	11/1/2019	2.0531	499,984
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BCE8	500,000	10/1/2019	5/19/2020	2.0500	499,904
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BEH9	500,000	10/1/2019	7/8/2020	1.9200	500,132
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BET3	500,000	10/1/2019	7/6/2020	1.9300	500,171
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BFX3	1,000,000	10/1/2019	9/1/2020	1.9800	999,997
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BGW4	2,000,000	10/1/2019	12/21/2020	1.9000	2,000,087
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BJY7	1,000,000	10/1/2019	2/8/2021	1.8900	999,871
Federal Farm Credit Bank	U.S. Government Agency Debt	313312MN7	2,498,000	10/4/2019	10/4/2019	1.9060	2,497,609
Federal Farm Credit Bank	U.S. Government Agency Debt	313312NF3	750,000	10/21/2019	10/21/2019	1.9080	749,217
Federal Farm Credit Bank	U.S. Government Agency Debt	313312QK9	1,727,000	12/12/2019	12/12/2019	1.9030	1,720,541
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH3E1	300,000	10/1/2019	10/18/2019	1.9642	299,986
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	250,000	10/1/2019	12/26/2019	1.9350	249,966
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHA29	500,000	10/1/2019	9/28/2020	1.9800	499,982
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHE33	300,000	10/1/2019	10/10/2019	1.9200	299,996
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJ4M8	1,000,000	10/7/2019	1/7/2020	2.0121	1,000,045
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	10/1/2019	7/9/2020	2.0400	1,001,068
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	10/1/2019	1/27/2020	1.9692	299,896
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	10/1/2019	5/29/2020	2.1300	300,354
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	10/1/2019	2/20/2020	2.0200	500,010
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	10/1/2019	8/17/2020	1.9592	499,832
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EKDP8	500,000	10/1/2019	1/19/2021	2.0742	500,149
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGN35	2,500,000	10/1/2019	6/19/2020	1.8550	2,498,894
Federal Home Loan Bank	U.S. Government Agency Debt	3130AGWA9	500,000	10/1/2019	5/14/2021	1.8750	499,909
Federal Home Loan Bank	U.S. Government Agency Debt	3130AH7A5	1,000,000	10/1/2019	7/29/2020	1.2900	999,834
Federal Home Loan Bank	U.S. Government Agency Debt	313384ML0	1,249,000	10/2/2019	10/2/2019	1.9060	1,248,935
Federal Home Loan Bank	U.S. Government Agency Debt	313384MM8	2,600,000	10/3/2019	10/3/2019	1.9060	2,599,728
Federal Home Loan Bank	U.S. Government Agency Debt	313384MS5	1,000,000	10/8/2019	10/8/2019	1.9060	999,634

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Federal Home Loan Bank	U.S. Government Agency Debt	313384MT3	3,300,000	10/9/2019	10/9/2019	1.9060	3,298,621
Federal Home Loan Bank	U.S. Government Agency Debt	313384MU0	500,000	10/10/2019	10/10/2019	1.9070	499,765
Federal Home Loan Bank	U.S. Government Agency Debt	313384MV8	830,000	10/11/2019	10/11/2019	1.9070	829,567
Federal Home Loan Bank	U.S. Government Agency Debt	313384NA3	1,700,000	10/16/2019	10/16/2019	1.9070	1,698,668
Federal Home Loan Bank	U.S. Government Agency Debt	313384NK1	2,250,000	10/25/2019	10/25/2019	1.9080	2,247,180
Federal Home Loan Bank	U.S. Government Agency Debt	313384NQ8	1,500,000	10/30/2019	10/30/2019	1.9090	1,497,728
Federal Home Loan Bank	U.S. Government Agency Debt	313384NS4	1,970,000	11/1/2019	11/1/2019	1.9090	1,966,811
Federal Home Loan Bank	U.S. Government Agency Debt	313384NW5	3,340,000	11/5/2019	11/5/2019	1.9090	3,333,895
Federal Home Loan Bank	U.S. Government Agency Debt	313384NX3	1,250,000	11/6/2019	11/6/2019	1.9090	1,247,650
Federal Home Loan Bank	U.S. Government Agency Debt	313384NY1	4,800,000	11/7/2019	11/7/2019	1.9090	4,790,725
Federal Home Loan Bank	U.S. Government Agency Debt	313384NZ8	400,000	11/8/2019	11/8/2019	1.9090	399,206
Federal Home Loan Bank	U.S. Government Agency Debt	313384PE3	1,000,000	11/13/2019	11/13/2019	1.9100	997,754
Federal Home Loan Bank	U.S. Government Agency Debt	313384PF0	1,432,000	11/14/2019	11/14/2019	1.9100	1,428,710
Federal Home Loan Bank	U.S. Government Agency Debt	313384PM5	5,000,000	11/20/2019	11/20/2019	1.9110	4,986,944
Federal Home Loan Bank	U.S. Government Agency Debt	313384PP8	1,000,000	11/22/2019	11/22/2019	1.9110	997,284
Federal Home Loan Bank	U.S. Government Agency Debt	313384PS2	3,800,000	11/25/2019	11/25/2019	1.9110	3,789,086
Federal Home Loan Bank	U.S. Government Agency Debt	313384PT0	1,574,000	11/26/2019	11/26/2019	1.9110	1,569,397
Federal Home Loan Bank	U.S. Government Agency Debt	313384PZ6	2,000,000	12/2/2019	12/2/2019	1.9020	1,993,559
Federal Home Loan Bank	U.S. Government Agency Debt	313588NA9	800,000	10/16/2019	10/16/2019	1.9070	799,373
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MM2	920,000	10/3/2019	10/3/2019	1.9060	919,904
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MN0	500,000	10/4/2019	10/4/2019	1.9060	499,922
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396MR1	535,000	10/7/2019	10/7/2019	1.9060	534,832
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NB5	1,085,000	10/17/2019	10/17/2019	1.9070	1,084,093
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NC3	500,000	10/18/2019	10/18/2019	1.9070	499,556
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NP4	430,000	10/29/2019	10/29/2019	1.9080	429,371
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396NV1	780,000	11/4/2019	11/4/2019	1.9090	778,615
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GT2K8	2,000,000	10/1/2019	2/20/2020	1.8200	1,999,831
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588MR3	2,000,000	10/7/2019	10/7/2019	1.9060	1,999,373
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588NH4	4,200,000	10/23/2019	10/23/2019	1.9080	4,195,175
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588PE9	2,050,000	11/13/2019	11/13/2019	1.9100	2,045,397
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0U68	500,000	10/1/2019	10/30/2019	1.8900	500,037
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V26	500,000	10/1/2019	7/30/2020	1.8800	500,227
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0V67	500,000	10/1/2019	10/30/2020	1.8950	499,970
U.S. Treasury Bill	U.S. Treasury Debt	912796RN1	1,189,000	12/5/2019	12/5/2019	1.8110	1,185,176
U.S. Treasury Bill	U.S. Treasury Debt	912796SW0	1,147,000	12/12/2019	12/12/2019	1.8120	1,142,914

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U.S. Treasury Bill	U.S. Treasury Debt	912796SX8	5,570,000	12/19/2019	12/19/2019	1.7660	5,548,781
U.S. Treasury Bill	U.S. Treasury Debt	912796VX4	1,635,000	10/1/2019	10/1/2019	0.0100	1,635,000
U.S. Treasury Bill	U.S. Treasury Debt	912796VZ9	1,700,000	10/15/2019	10/15/2019	1.7710	1,698,846
U.S. Treasury Note	U.S. Treasury Debt	9128283B4	500,000	10/1/2019	10/31/2019	1.9622	499,981
U.S. Treasury Note	U.S. Treasury Debt	9128283S7	3,000,000	1/31/2020	1/31/2020	2.0000	3,000,820
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	4,500,000	10/1/2019	4/30/2020	1.9472	4,496,824
U.S. Treasury Note	U.S. Treasury Debt	912828J50	2,000,000	2/29/2020	2/29/2020	1.3750	1,995,625
U.S. Treasury Note	U.S. Treasury Debt	912828T59	300,000	10/15/2019	10/15/2019	1.0000	299,874
U.S. Treasury Note	U.S. Treasury Debt	912828U32	1,563,000	11/15/2019	11/15/2019	1.0000	1,560,983