

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

## TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of October 31, 2018

Weighted Average Maturity: 44.52 days

Weighted Average Life: 83.91 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	31315KAB6	910,000	1/2/2019	1/2/2019	2.3400	906,395
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KAD2	510,000	1/4/2019	1/4/2019	2.3400	507,915
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KBA7	695,000	1/25/2019	1/25/2019	2.3400	691,225
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02H3	500,000	11/1/2018	9/27/2019	2.3500	499,864
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02S9	500,000	11/1/2018	3/1/2019	2.1510	499,930
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	500,000	11/1/2018	2/26/2020	2.3200	499,804
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0T92	300,000	11/1/2018	11/30/2018	2.3000	299,991
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0V73	500,000	11/1/2018	12/28/2018	2.3200	499,972
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0VQ1	300,000	11/4/2018	2/4/2019	2.1989	299,995
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0XH9	500,000	11/1/2018	11/1/2018	2.1560	500,000
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0Y62	500,000	11/19/2018	11/19/2018	2.1620	499,992
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0YG0	500,000	11/1/2018	4/1/2019	2.2100	499,676
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AB6	100,000	1/2/2019	1/2/2019	2.3400	99,604
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AL4	720,000	1/11/2019	1/11/2019	2.3400	716,734
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AR1	750,000	1/16/2019	1/16/2019	2.3400	746,358
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BE9	1,000,000	1/29/2019	1/29/2019	2.3500	994,314
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BN9	675,000	2/6/2019	2/6/2019	2.4000	670,726
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BT6	100,000	2/11/2019	2/11/2019	2.4000	99,334
Federal Farm Credit Bank	U.S. Government Agency Debt	313312CB4	1,000,000	2/19/2019	2/19/2019	2.4000	992,819
Federal Farm Credit Bank	U.S. Government Agency Debt	313312CK4	225,000	2/27/2019	2/27/2019	2.4000	223,267
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DE7	500,000	3/18/2019	3/18/2019	2.4500	495,453
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DF4	300,000	3/19/2019	3/19/2019	2.4500	297,251
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DG2	250,000	3/20/2019	3/20/2019	2.4500	247,693
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DH0	200,000	3/21/2019	3/21/2019	2.4500	198,141
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DJ6	200,000	3/22/2019	3/22/2019	2.4500	198,128
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DY3	500,000	4/5/2019	4/5/2019	2.5000	494,747
Federal Farm Credit Bank	U.S. Government Agency Debt	313312EM8	500,000	4/18/2019	4/18/2019	2.5000	494,307
Federal Farm Credit Bank	U.S. Government Agency Debt	313313M88	750,000	11/2/2018	11/2/2018	2.2100	749,954

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Federal Farm Credit Bank	U.S. Government Agency Debt	313313N79	335,000	11/9/2018	11/9/2018	2.2100	334,838
Federal Farm Credit Bank	U.S. Government Agency Debt	313313P93	500,000	11/19/2018	11/19/2018	2.2100	499,455
Federal Farm Credit Bank	U.S. Government Agency Debt	313313Q35	500,000	11/21/2018	11/21/2018	2.2100	499,395
Federal Farm Credit Bank	U.S. Government Agency Debt	313313R26	1,000,000	11/28/2018	11/28/2018	2.2100	998,365
Federal Farm Credit Bank	U.S. Government Agency Debt	313313R83	1,000,000	12/4/2018	12/4/2018	2.2700	997,956
Federal Farm Credit Bank	U.S. Government Agency Debt	313313S66	1,530,000	12/10/2018	12/10/2018	2.2700	1,526,304
Federal Farm Credit Bank	U.S. Government Agency Debt	313313S74	1,120,000	12/11/2018	12/11/2018	2.2700	1,117,225
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH3E1	300,000	11/6/2018	10/18/2019	2.3685	299,999
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	250,000	11/1/2018	12/26/2019	2.1850	249,485
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHBX0	500,000	11/1/2018	1/14/2019	2.2300	500,078
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHDN0	500,000	11/1/2018	3/27/2019	2.2300	500,009
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHE33	300,000	11/1/2018	10/10/2019	2.1700	299,688
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHND1	500,000	11/1/2018	4/15/2019	2.2000	499,894
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHPC1	500,000	11/25/2018	1/25/2019	2.1714	499,994
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHPR8	250,000	11/1/2018	6/27/2019	2.1700	249,847
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHQ55	500,000	11/7/2018	6/7/2019	2.1556	499,892
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHRF2	500,000	1/15/2019	1/15/2019	2.2763	500,112
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHVD2	250,000	11/1/2018	8/16/2019	2.1700	249,775
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHZW6	600,000	11/1/2018	9/25/2019	2.1750	599,453
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJB7	500,000	11/29/2018	3/29/2019	2.1499	499,904
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	11/1/2018	7/9/2020	2.2900	999,240
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	11/6/2018	1/27/2020	2.3735	300,129
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	11/1/2018	5/29/2020	2.3800	300,220
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	11/1/2018	2/20/2020	2.2700	499,804
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	11/6/2018	8/17/2020	2.3635	499,600
Federal Home Loan Bank	U.S. Government Agency Debt	3130AANZ7	500,000	1/18/2019	1/18/2019	2.2450	500,092
Federal Home Loan Bank	U.S. Government Agency Debt	3130AAUU0	500,000	11/22/2018	2/22/2019	2.2400	500,088
Federal Home Loan Bank	U.S. Government Agency Debt	3130AAWH7	400,000	12/6/2018	3/6/2019	2.0880	399,935
Federal Home Loan Bank	U.S. Government Agency Debt	3130ABSB3	500,000	11/12/2018	7/12/2019	2.2130	500,032
Federal Home Loan Bank	U.S. Government Agency Debt	313384AB5	148,000	1/2/2019	1/2/2019	2.3400	147,414
Federal Home Loan Bank	U.S. Government Agency Debt	313384AD1	100,000	1/4/2019	1/4/2019	2.3400	99,591
Federal Home Loan Bank	U.S. Government Agency Debt	313384AQ2	200,000	1/15/2019	1/15/2019	2.3400	199,042
Federal Home Loan Bank	U.S. Government Agency Debt	313384AR0	500,000	1/16/2019	1/16/2019	2.3400	497,572
Federal Home Loan Bank	U.S. Government Agency Debt	313384BA6	500,000	1/25/2019	1/25/2019	2.3400	497,285

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Federal Home Loan Bank	U.S. Government Agency Debt	313384BD0	1,250,000	1/28/2019	1/28/2019	2.3500	1,242,973
Federal Home Loan Bank	U.S. Government Agency Debt	313384BE8	500,000	1/29/2019	1/29/2019	2.3500	497,157
Federal Home Loan Bank	U.S. Government Agency Debt	313384BF5	1,500,000	1/30/2019	1/30/2019	2.3500	1,491,375
Federal Home Loan Bank	U.S. Government Agency Debt	313384BH1	200,000	2/1/2019	2/1/2019	2.4000	198,799
Federal Home Loan Bank	U.S. Government Agency Debt	313384BW8	200,000	2/14/2019	2/14/2019	2.4000	198,629
Federal Home Loan Bank	U.S. Government Agency Debt	313384CC1	580,000	2/20/2019	2/20/2019	2.4000	575,797
Federal Home Loan Bank	U.S. Government Agency Debt	313384CR8	134,000	3/5/2019	3/5/2019	2.4400	132,897
Federal Home Loan Bank	U.S. Government Agency Debt	313384CU1	500,000	3/8/2019	3/8/2019	2.4400	495,785
Federal Home Loan Bank	U.S. Government Agency Debt	313384DQ9	800,000	3/28/2019	3/28/2019	2.4500	792,193
Federal Home Loan Bank	U.S. Government Agency Debt	313385M86	500,000	11/2/2018	11/2/2018	2.2100	499,970
Federal Home Loan Bank	U.S. Government Agency Debt	313385N44	500,000	11/6/2018	11/6/2018	2.2100	499,849
Federal Home Loan Bank	U.S. Government Agency Debt	313385N51	1,600,000	11/7/2018	11/7/2018	2.2100	1,599,419
Federal Home Loan Bank	U.S. Government Agency Debt	313385N77	700,000	11/9/2018	11/9/2018	2.2100	699,661
Federal Home Loan Bank	U.S. Government Agency Debt	313385P34	652,000	11/13/2018	11/13/2018	2.2100	651,526
Federal Home Loan Bank	U.S. Government Agency Debt	313385P42	1,000,000	11/14/2018	11/14/2018	2.2100	999,213
Federal Home Loan Bank	U.S. Government Agency Debt	313385P67	1,495,000	11/16/2018	11/16/2018	2.2100	1,493,643
Federal Home Loan Bank	U.S. Government Agency Debt	313385P91	500,000	11/19/2018	11/19/2018	2.2100	499,455
Federal Home Loan Bank	U.S. Government Agency Debt	313385Q33	590,000	11/21/2018	11/21/2018	2.2100	589,286
Federal Home Loan Bank	U.S. Government Agency Debt	313385Q58	1,000,000	11/23/2018	11/23/2018	2.2100	998,668
Federal Home Loan Bank	U.S. Government Agency Debt	313385Q90	500,000	11/27/2018	11/27/2018	2.2100	499,213
Federal Home Loan Bank	U.S. Government Agency Debt	313385R32	713,000	11/29/2018	11/29/2018	2.2100	711,791
Federal Home Loan Bank	U.S. Government Agency Debt	313385R40	713,000	11/30/2018	11/30/2018	2.2100	711,748
Federal Home Loan Bank	U.S. Government Agency Debt	313385R73	300,000	12/3/2018	12/3/2018	2.2700	299,405
Federal Home Loan Bank	U.S. Government Agency Debt	313385S31	1,000,000	12/7/2018	12/7/2018	2.2700	997,770
Federal Home Loan Bank	U.S. Government Agency Debt	313385S80	1,500,000	12/12/2018	12/12/2018	2.2700	1,496,190
Federal Home Loan Bank	U.S. Government Agency Debt	313385T22	1,600,000	12/14/2018	12/14/2018	2.2700	1,595,738
Federal Home Loan Bank	U.S. Government Agency Debt	313385T55	1,000,000	12/17/2018	12/17/2018	2.2700	997,151
Federal Home Loan Bank	U.S. Government Agency Debt	313385T63	555,000	12/18/2018	12/18/2018	2.2700	553,384
Federal Home Loan Bank	U.S. Government Agency Debt	313385T97	715,000	12/21/2018	12/21/2018	2.2700	712,786
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AD5	1,155,000	1/4/2019	1/4/2019	2.3400	1,150,277
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AG8	1,000,000	1/7/2019	1/7/2019	2.3400	995,719
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AH6	1,500,000	1/8/2019	1/8/2019	2.3400	1,493,484
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AJ2	1,105,000	1/9/2019	1/9/2019	2.3400	1,100,129
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AT0	1,000,000	1/18/2019	1/18/2019	2.3400	995,017

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Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AX1	345,000	1/22/2019	1/22/2019	2.3400	343,193
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397M73	645,000	11/1/2018	11/1/2018	1.0000	645,000
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397M81	155,000	11/2/2018	11/2/2018	2.2100	154,991
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397N56	925,000	11/7/2018	11/7/2018	2.2100	924,664
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397Q20	435,000	11/20/2018	11/20/2018	2.2100	434,499
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397T76	1,273,000	12/19/2018	12/19/2018	2.2700	1,269,215
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313397U66	1,000,000	12/26/2018	12/26/2018	2.2700	996,593
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GBYH9	230,000	1/5/2019	7/5/2019	2.2433	229,948
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSDS1	750,000	11/8/2018	8/8/2019	2.1806	749,896
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589N33	1,400,000	11/5/2018	11/5/2018	2.2100	1,399,661
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589N41	500,000	11/6/2018	11/6/2018	2.2100	499,849
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589P49	1,000,000	11/14/2018	11/14/2018	2.2100	999,213
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589Q22	1,000,000	11/20/2018	11/20/2018	2.2100	998,849
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589Q30	500,000	11/21/2018	11/21/2018	2.2100	499,395
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589Q89	1,500,000	11/26/2018	11/26/2018	2.2100	1,497,729
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589Q97	805,000	11/27/2018	11/27/2018	2.2100	803,733
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589R70	500,000	12/3/2018	12/3/2018	2.2700	499,009
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589R96	1,747,000	12/5/2018	12/5/2018	2.2700	1,743,321
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589T60	238,000	12/18/2018	12/18/2018	2.2700	237,307
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589T78	500,000	12/19/2018	12/19/2018	2.2700	498,514
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589U43	1,500,000	12/24/2018	12/24/2018	2.2700	1,495,076
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313589U84	415,000	12/28/2018	12/28/2018	2.2700	413,535
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0U68	500,000	11/1/2018	10/30/2019	2.2500	499,851
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0YT4	300,000	11/27/2018	11/27/2018	1.6250	299,845
Tennessee Valley Authority	U.S. Government Agency Debt	880590N42	559,000	11/6/2018	11/6/2018	2.2100	558,831
Tennessee Valley Authority	U.S. Government Agency Debt	880590P32	1,500,000	11/13/2018	11/13/2018	2.2100	1,498,910
U.S. Treasury Bill	U.S. Treasury Debt	912796PD5	1,500,000	11/8/2018	11/8/2018	2.1310	1,499,387
U.S. Treasury Bill	U.S. Treasury Debt	912796PE3	1,680,000	12/6/2018	12/6/2018	2.1720	1,676,507
U.S. Treasury Bill	U.S. Treasury Debt	912796PK9	1,044,000	1/3/2019	1/3/2019	2.2590	1,039,944
U.S. Treasury Bill	U.S. Treasury Debt	912796QF9	1,013,000	11/1/2018	11/1/2018	1.0000	1,013,000
U.S. Treasury Bill	U.S. Treasury Debt	912796QJ1	1,495,000	11/15/2018	11/15/2018	2.1460	1,493,770
U.S. Treasury Bill	U.S. Treasury Debt	912796QL6	1,500,000	11/29/2018	11/29/2018	2.2010	1,497,471
U.S. Treasury Bill	U.S. Treasury Debt	912796QN2	1,482,000	12/13/2018	12/13/2018	2.1840	1,478,285
U.S. Treasury Bill	U.S. Treasury Debt	912796QP7	1,240,000	12/20/2018	12/20/2018	2.2010	1,236,346
U.S. Treasury Bill	U.S. Treasury Debt	912796QQ5	1,105,000	12/27/2018	12/27/2018	2.2450	1,101,206
U.S. Treasury Bill	U.S. Treasury Debt	912796QS1	1,483,000	1/10/2019	1/10/2019	2.2680	1,476,577
U.S. Treasury Bill	U.S. Treasury Debt	912796QT9	1,000,000	1/17/2019	1/17/2019	2.2850	995,201
U.S. Treasury Bill	U.S. Treasury Debt	912796QU6	1,490,000	1/24/2019	1/24/2019	2.3080	1,482,125
U.S. Treasury Bill	U.S. Treasury Debt	912796QW2	500,000	2/7/2019	2/7/2019	2.3440	496,873
U.S. Treasury Bill	U.S. Treasury Debt	912796QX0	1,500,000	2/14/2019	2/14/2019	2.3550	1,489,905

<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 Bill	U.S. Treasury Debt	912796QY8	455,000	2/21/2019	2/21/2019	2.3560	451,734
U.S. Treasury Bill	U.S. Treasury Debt	912796UD9	500,000	12/11/2018	12/11/2018	2.1970	498,799
U.S. Treasury Bill	U.S. Treasury Debt	912796UE7	500,000	12/18/2018	12/18/2018	2.1800	498,600
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	500,000	11/1/2018	4/30/2020	2.3465	500,130
U.S. Treasury Note	U.S. Treasury Debt	912828A75	1,000,000	12/31/2018	12/31/2018	1.5000	998,796
U.S. Treasury Note	U.S. Treasury Debt	912828N63	320,000	1/15/2019	1/15/2019	1.1250	319,258
U.S. Treasury Note	U.S. Treasury Debt	912828SD3	500,000	1/31/2019	1/31/2019	1.2500	498,688
U.S. Treasury Note	U.S. Treasury Debt	912828U40	495,000	11/30/2018	11/30/2018	1.0000	494,538