

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

TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of December 31, 2018

Weighted Average Maturity: 41.44 days

Weighted Average Life: 76.93 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	0.0100	910,000
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KAD2	510,000	1/4/2019	1/4/2019	2.4100	509,933
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KBA7	695,000	1/25/2019	1/25/2019	2.4200	693,943
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31315KBT6	500,000	2/11/2019	2/11/2019	2.4400	498,667
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02H3	500,000	1/2/2019	9/27/2019	2.5500	499,891
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X02S9	500,000	1/1/2019	3/1/2019	2.2443	499,964
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X04L2	500,000	1/2/2019	2/26/2020	2.5200	499,827
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X07H8	500,000	2/20/2019	5/20/2019	2.4345	499,940
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0VQ1	300,000	1/4/2019	2/4/2019	2.2719	299,998
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	3132X0YG0	500,000	1/2/2019	4/1/2019	2.4100	499,808
Federal Agricultural Mortgage Corp.	U.S. Government Agency Debt	31422BAJ9	500,000	2/1/2019	11/1/2019	2.5671	499,875
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AB6	100,000	1/2/2019	1/2/2019	0.0100	100,000
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AL4	720,000	1/11/2019	1/11/2019	2.4100	719,572
Federal Farm Credit Bank	U.S. Government Agency Debt	313312AR1	750,000	1/16/2019	1/16/2019	2.4200	749,306
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BE9	1,000,000	1/29/2019	1/29/2019	2.4200	998,215
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BM1	1,000,000	2/5/2019	2/5/2019	2.4400	997,733
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BN9	675,000	2/6/2019	2/6/2019	2.4400	673,425
Federal Farm Credit Bank	U.S. Government Agency Debt	313312BT6	100,000	2/11/2019	2/11/2019	2.4400	99,733
Federal Farm Credit Bank	U.S. Government Agency Debt	313312CB4	1,000,000	2/19/2019	2/19/2019	2.4400	996,800
Federal Farm Credit Bank	U.S. Government Agency Debt	313312CK4	225,000	2/27/2019	2/27/2019	2.4400	224,160
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DE7	500,000	3/18/2019	3/18/2019	2.4700	497,479
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DF4	300,000	3/19/2019	3/19/2019	2.4700	298,467
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DG2	250,000	3/20/2019	3/20/2019	2.4700	248,706
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DH0	200,000	3/21/2019	3/21/2019	2.4700	198,951
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DJ6	200,000	3/22/2019	3/22/2019	2.4700	198,938
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DM9	100,000	3/25/2019	3/25/2019	2.4700	99,449
Federal Farm Credit Bank	U.S. Government Agency Debt	313312DY3	500,000	4/5/2019	4/5/2019	2.4900	496,849
Federal Farm Credit Bank	U.S. Government Agency Debt	313312EC0	200,000	4/9/2019	4/9/2019	2.4900	198,685

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Federal Farm Credit Bank	U.S. Government Agency Debt	313312EM8	500,000	4/18/2019	4/18/2019	2.4900	496,408
Federal Farm Credit Bank	U.S. Government Agency Debt	313312ER7	500,000	4/22/2019	4/22/2019	2.4900	496,272
Federal Farm Credit Bank	U.S. Government Agency Debt	313312EV8	500,000	4/26/2019	4/26/2019	2.4900	496,137
Federal Farm Credit Bank	U.S. Government Agency Debt	313312FB1	400,000	5/2/2019	5/2/2019	2.5000	396,733
Federal Farm Credit Bank	U.S. Government Agency Debt	313312FF2	500,000	5/6/2019	5/6/2019	2.5100	495,781
Federal Farm Credit Bank	U.S. Government Agency Debt	313312FH8	205,000	5/8/2019	5/8/2019	2.5100	203,242
Federal Farm Credit Bank	U.S. Government Agency Debt	313312FV7	500,000	5/20/2019	5/20/2019	2.5100	495,304
Federal Farm Credit Bank	U.S. Government Agency Debt	313312FY1	1,200,000	5/23/2019	5/23/2019	2.5100	1,188,485
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH3E1	300,000	1/1/2019	10/18/2019	2.4798	299,999
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EH4P5	250,000	1/2/2019	12/26/2019	2.4350	249,562
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHBX0	500,000	1/2/2019	1/14/2019	2.4800	500,011
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHDN0	500,000	1/2/2019	3/27/2019	2.4800	500,005
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHE33	300,000	1/2/2019	10/10/2019	2.4200	299,743
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHND1	500,000	1/2/2019	4/15/2019	2.4000	499,933
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHPC1	500,000	1/25/2019	1/25/2019	2.3963	499,998
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHPR8	250,000	1/2/2019	6/27/2019	2.4200	249,888
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHQ55	500,000	1/7/2019	6/7/2019	2.2583	499,922
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHRF2	500,000	1/15/2019	1/15/2019	2.2763	500,017
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHVD2	250,000	1/2/2019	8/16/2019	2.4200	249,820
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EHZW6	600,000	1/2/2019	9/25/2019	2.4250	599,561
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJB7	500,000	1/29/2019	3/29/2019	2.3774	499,943
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJE96	1,000,000	1/2/2019	7/9/2020	2.5400	999,246
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJMF3	300,000	1/1/2019	1/27/2020	2.4848	299,998
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJQM4	300,000	1/2/2019	5/29/2020	2.6300	300,196
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXA2	500,000	1/2/2019	2/20/2020	2.5200	499,828
Federal Farm Credit Bank	U.S. Government Agency Debt	3133EJXB0	500,000	1/1/2019	8/17/2020	2.4748	499,635
Federal Home Loan Bank	U.S. Government Agency Debt	3130AANZ7	500,000	1/18/2019	1/18/2019	2.2450	499,996
Federal Home Loan Bank	U.S. Government Agency Debt	3130AAUU0	500,000	1/22/2019	2/22/2019	2.4640	500,039
Federal Home Loan Bank	U.S. Government Agency Debt	3130AAWH7	400,000	3/6/2019	3/6/2019	2.5040	399,967
Federal Home Loan Bank	U.S. Government Agency Debt	3130ABSB3	500,000	1/12/2019	7/12/2019	2.3510	500,024
Federal Home Loan Bank	U.S. Government Agency Debt	3130AFFV4	1,000,000	1/2/2019	5/15/2019	2.5000	999,881
Federal Home Loan Bank	U.S. Government Agency Debt	3130AFK22	500,000	1/2/2019	9/10/2019	2.5200	499,893
Federal Home Loan Bank	U.S. Government Agency Debt	313384AB5	148,000	1/2/2019	1/2/2019	0.0100	148,000
Federal Home Loan Bank	U.S. Government Agency Debt	313384AD1	100,000	1/4/2019	1/4/2019	2.4100	99,987

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Federal Home Loan Bank	U.S. Government Agency Debt	313384AJ8	300,000	1/9/2019	1/9/2019	2.4100	299,861
Federal Home Loan Bank	U.S. Government Agency Debt	313384AP4	380,000	1/14/2019	1/14/2019	2.4100	379,699
Federal Home Loan Bank	U.S. Government Agency Debt	313384AQ2	200,000	1/15/2019	1/15/2019	2.4200	199,828
Federal Home Loan Bank	U.S. Government Agency Debt	313384AR0	500,000	1/16/2019	1/16/2019	2.4200	499,537
Federal Home Loan Bank	U.S. Government Agency Debt	313384AS8	295,000	1/17/2019	1/17/2019	2.4200	294,707
Federal Home Loan Bank	U.S. Government Agency Debt	313384BA6	500,000	1/25/2019	1/25/2019	2.4200	499,240
Federal Home Loan Bank	U.S. Government Agency Debt	313384BD0	1,250,000	1/28/2019	1/28/2019	2.4200	1,247,851
Federal Home Loan Bank	U.S. Government Agency Debt	313384BE8	500,000	1/29/2019	1/29/2019	2.4200	499,108
Federal Home Loan Bank	U.S. Government Agency Debt	313384BF5	1,500,000	1/30/2019	1/30/2019	2.4200	1,497,224
Federal Home Loan Bank	U.S. Government Agency Debt	313384BG3	800,000	1/31/2019	1/31/2019	2.4200	798,466
Federal Home Loan Bank	U.S. Government Agency Debt	313384BH1	865,000	2/1/2019	2/1/2019	2.4400	863,270
Federal Home Loan Bank	U.S. Government Agency Debt	313384BN8	500,000	2/6/2019	2/6/2019	2.4400	498,834
Federal Home Loan Bank	U.S. Government Agency Debt	313384BT5	2,460,000	2/11/2019	2/11/2019	2.4400	2,453,439
Federal Home Loan Bank	U.S. Government Agency Debt	313384BU2	1,700,000	2/12/2019	2/12/2019	2.4400	1,695,354
Federal Home Loan Bank	U.S. Government Agency Debt	313384BW8	200,000	2/14/2019	2/14/2019	2.4400	199,427
Federal Home Loan Bank	U.S. Government Agency Debt	313384BX6	500,000	2/15/2019	2/15/2019	2.4400	498,534
Federal Home Loan Bank	U.S. Government Agency Debt	313384CB3	500,000	2/19/2019	2/19/2019	2.4400	498,400
Federal Home Loan Bank	U.S. Government Agency Debt	313384CC1	1,525,000	2/20/2019	2/20/2019	2.4400	1,520,018
Federal Home Loan Bank	U.S. Government Agency Debt	313384CE7	1,070,000	2/22/2019	2/22/2019	2.4400	1,066,362
Federal Home Loan Bank	U.S. Government Agency Debt	313384CH0	980,000	2/25/2019	2/25/2019	2.4400	976,472
Federal Home Loan Bank	U.S. Government Agency Debt	313384CK3	500,000	2/27/2019	2/27/2019	2.4400	498,134
Federal Home Loan Bank	U.S. Government Agency Debt	313384CR8	414,000	3/5/2019	3/5/2019	2.4600	412,274
Federal Home Loan Bank	U.S. Government Agency Debt	313384CU1	500,000	3/8/2019	3/8/2019	2.4600	497,816
Federal Home Loan Bank	U.S. Government Agency Debt	313384CX5	800,000	3/11/2019	3/11/2019	2.4600	796,343
Federal Home Loan Bank	U.S. Government Agency Debt	313384CY3	500,000	3/12/2019	3/12/2019	2.4700	497,681
Federal Home Loan Bank	U.S. Government Agency Debt	313384CZ0	1,125,000	3/13/2019	3/13/2019	2.4700	1,119,706
Federal Home Loan Bank	U.S. Government Agency Debt	313384DG1	500,000	3/20/2019	3/20/2019	2.4700	497,412
Federal Home Loan Bank	U.S. Government Agency Debt	313384DH9	160,000	3/21/2019	3/21/2019	2.4700	159,161
Federal Home Loan Bank	U.S. Government Agency Debt	313384DN6	1,500,000	3/26/2019	3/26/2019	2.4700	1,491,632
Federal Home Loan Bank	U.S. Government Agency Debt	313384DP1	500,000	3/27/2019	3/27/2019	2.4700	497,177
Federal Home Loan Bank	U.S. Government Agency Debt	313384DQ9	800,000	3/28/2019	3/28/2019	2.4700	795,429
Federal Home Loan Bank	U.S. Government Agency Debt	313384DV8	500,000	4/2/2019	4/2/2019	2.4900	496,950
Federal Home Loan Bank	U.S. Government Agency Debt	313384ED7	1,151,000	4/10/2019	4/10/2019	2.4900	1,143,355
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AD5	1,155,000	1/4/2019	1/4/2019	2.4100	1,154,848

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	313396AG8	1,000,000	1/7/2019	1/7/2019	2.4100	999,669
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AH6	1,500,000	1/8/2019	1/8/2019	2.4100	1,499,405
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AJ2	1,105,000	1/9/2019	1/9/2019	2.4100	1,104,488
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AT0	1,000,000	1/18/2019	1/18/2019	2.4200	998,942
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AX1	345,000	1/22/2019	1/22/2019	2.4200	344,544
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396AY9	1,049,000	1/23/2019	1/23/2019	2.4200	1,047,544
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396BQ5	500,000	2/8/2019	2/8/2019	2.4400	498,767
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396BV4	1,000,000	2/13/2019	2/13/2019	2.4400	997,200
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396CH4	1,210,000	2/25/2019	2/25/2019	2.4400	1,205,644
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396CJ0	1,085,000	2/26/2019	2/26/2019	2.4400	1,081,021
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396CQ4	500,000	3/4/2019	3/4/2019	2.4600	497,950
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396DJ9	545,000	3/22/2019	3/22/2019	2.4700	542,106
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396DN0	1,480,000	3/26/2019	3/26/2019	2.4700	1,471,743
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	313396EL3	328,000	4/17/2019	4/17/2019	2.4900	325,666
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GBYH9	230,000	1/5/2019	7/5/2019	2.2433	230,002
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSDS1	750,000	1/8/2019	8/8/2019	2.2869	749,672
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSE68	500,000	1/3/2019	5/8/2019	2.4850	499,996
Federal Home Loan Mortgage Corp.	U.S. Government Agency Debt	3134GSM69	500,000	1/2/2019	6/19/2019	2.4900	499,928
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588AD7	132,000	1/4/2019	1/4/2019	2.4100	131,983
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588AL9	965,000	1/11/2019	1/11/2019	2.4100	964,426
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588AP0	985,000	1/14/2019	1/14/2019	2.4100	984,219
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588AX3	1,205,000	1/22/2019	1/22/2019	2.4200	1,203,407
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BL8	255,000	2/4/2019	2/4/2019	2.4400	254,439
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BN4	500,000	2/6/2019	2/6/2019	2.4400	498,834
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BP9	1,000,000	2/7/2019	2/7/2019	2.4400	997,600
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BU8	500,000	2/12/2019	2/12/2019	2.4400	498,634
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BV6	500,000	2/13/2019	2/13/2019	2.4400	498,600
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588BX2	318,000	2/15/2019	2/15/2019	2.4400	317,067
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588CK9	500,000	2/27/2019	2/27/2019	2.4400	498,134
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588CM5	500,000	3/1/2019	3/1/2019	2.4600	498,051
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588CR4	420,000	3/5/2019	3/5/2019	2.4600	418,249
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588CS2	1,000,000	3/6/2019	3/6/2019	2.4600	995,765
Federal National Mortgage Assoc.	U.S. Government Agency Debt	313588DG7	700,000	3/20/2019	3/20/2019	2.4700	696,377
Federal National Mortgage Assoc.	U.S. Government Agency Debt	3135G0U68	500,000	1/2/2019	10/30/2019	2.5300	499,944
U.S. Treasury Bill	U.S. Treasury Debt	912796PK9	2,228,000	1/3/2019	1/3/2019	2.3130	2,227,859

Issuer	Category of Investment	CUSIP	Principal Amount (\$)	Maturity Date	Final Maturity Date	Yield/Coupon Rate (%)	Market Value(\$)
U.S. Treasury Bill	U.S. Treasury Debt	912796PP8	1,120,000	1/31/2019	1/31/2019	2.3620	1,117,901
U.S. Treasury Bill	U.S. Treasury Debt	912796QS1	1,483,000	1/10/2019	1/10/2019	2.3190	1,482,247
U.S. Treasury Bill	U.S. Treasury Debt	912796QT9	1,500,000	1/17/2019	1/17/2019	2.3530	1,498,551
U.S. Treasury Bill	U.S. Treasury Debt	912796QU6	1,490,000	1/24/2019	1/24/2019	2.3520	1,487,890
U.S. Treasury Bill	U.S. Treasury Debt	912796QW2	500,000	2/7/2019	2/7/2019	2.4410	498,799
U.S. Treasury Bill	U.S. Treasury Debt	912796QX0	1,500,000	2/14/2019	2/14/2019	2.4760	1,495,637
U.S. Treasury Bill	U.S. Treasury Debt	912796QY8	1,485,000	2/21/2019	2/21/2019	2.4440	1,480,043
U.S. Treasury Bill	U.S. Treasury Debt	912796QZ5	870,000	3/7/2019	3/7/2019	2.4680	866,250
U.S. Treasury Bill	U.S. Treasury Debt	912796RB7	1,025,000	3/14/2019	3/14/2019	2.4730	1,020,091
U.S. Treasury Bill	U.S. Treasury Debt	912796RC5	500,000	3/21/2019	3/21/2019	2.4310	497,415
U.S. Treasury Bill	U.S. Treasury Debt	912796RD3	1,095,000	4/4/2019	4/4/2019	2.5250	1,088,073
U.S. Treasury Bill	U.S. Treasury Debt	912796RG6	745,000	4/11/2019	4/11/2019	2.5030	739,976
U.S. Treasury Bill	U.S. Treasury Debt	912796RH4	1,180,000	4/18/2019	4/18/2019	2.4960	1,171,508
U.S. Treasury Bill	U.S. Treasury Debt	912796UH0	1,000,000	1/8/2019	1/8/2019	2.3120	999,620
U.S. Treasury Bill	U.S. Treasury Debt	912796UM9	1,000,000	2/5/2019	2/5/2019	2.4690	997,705
U.S. Treasury Bill	U.S. Treasury Debt	912796UN7	2,000,000	2/12/2019	2/12/2019	2.4970	1,994,404
U.S. Treasury Note	U.S. Treasury Debt	912796PT0	1,000,000	2/28/2019	2/28/2019	2.4660	996,163
U.S. Treasury Note	U.S. Treasury Debt	9128284K3	500,000	1/1/2019	4/30/2020	2.4628	499,819
U.S. Treasury Note	U.S. Treasury Debt	912828C24	500,000	2/28/2019	2/28/2019	1.5000	499,284
U.S. Treasury Note	U.S. Treasury Debt	912828N63	1,320,000	1/15/2019	1/15/2019	1.1250	1,319,456
U.S. Treasury Note	U.S. Treasury Debt	912828P53	500,000	2/15/2019	2/15/2019	0.7500	499,030
U.S. Treasury Note	U.S. Treasury Debt	912828P95	400,000	3/15/2019	3/15/2019	1.0000	398,878
U.S. Treasury Note	U.S. Treasury Debt	912828SD3	500,000	1/31/2019	1/31/2019	1.2500	499,570