

Treasuries & Agencies Sub-Account

Cusip Identification	Description	Asset Class	Interest Rate	Maturity Date	Fair Value	Book/ Adjusted Carrying Value ¹	Par Value	NAIC Designation	Effective Rate of Interest
3133EMLL4	FFCB 2.07 12/40-12/21 (A)	01 - U.S. GOVERNMENT AND AGENCIES	2.07%	12/21/2040	\$1,330,262.00	\$1,879,411.92	\$2,000,000.00	1.A	2.50%
3133EMVZ2	FFCB 2.52 04/13/2046	01 - U.S. GOVERNMENT AND AGENCIES	2.52%	4/13/2046	\$520,181.25	\$737,943.22	\$750,000.00	1.A	2.61%
3133EMA51	FFCB 2.8 05/41 - 05/22	01 - U.S. GOVERNMENT AND AGENCIES	2.80%	5/20/2041	\$735,022.00	\$1,000,000.00	\$1,000,000.00	1.A	2.80%
3133EGDZ5	FFCB 3.04 05/36	01 - U.S. GOVERNMENT AND AGENCIES	3.04%	5/20/2036	\$857,602.00	\$1,000,000.00	\$1,000,000.00	1.A	3.04%
3133EEU24	FFCB 3.47 06/33	01 - U.S. GOVERNMENT AND AGENCIES	3.47%	6/3/2033	\$927,466.00	\$1,001,376.06	\$1,000,000.00	1.A	3.45%
3133EDRR5	FFCB 3.93 08/44	01 - U.S. GOVERNMENT AND AGENCIES	3.93%	8/1/2044	\$877,891.00	\$1,144,527.27	\$1,000,000.00	1.A	3.00%
3133EJV22	FFCB 4.07 11/33-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.07%	11/21/2033	\$933,355.00	\$1,000,000.00	\$1,000,000.00	1.A	4.07%
3130AE4Q0	FHLB 3.375 03/38	01 - U.S. GOVERNMENT AND AGENCIES	3.38%	3/12/2038	\$871,219.00	\$972,355.34	\$1,000,000.00	1.A	3.62%
3130AEYE4	FHLB 4.03 09/35-09/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.03%	9/27/2035	\$2,740,752.00	\$2,997,646.53	\$3,000,000.00	1.A	4.04%
3130AFAU1	FHLB 4.25 11/38-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	11/2/2038	\$1,815,654.00	\$2,000,000.00	\$2,000,000.00	1.A	4.25%
3137FJY78	FHMS K158 A3	01 - U.S. GOVERNMENT AND AGENCIES	3.90%	10/25/2033	\$2,835,756.00	\$2,956,992.99	\$3,000,000.00	1.A	4.11%
3138LJ2G4	FN AN6174	01 - U.S. GOVERNMENT AND AGENCIES	3.21%	7/1/2037	\$4,345,650.00	\$5,006,997.68	\$5,000,000.00	1.A	3.27%
3138LNT76	FN AN9573	01 - U.S. GOVERNMENT AND AGENCIES	4.04%	7/1/2048	\$1,723,120.00	\$2,010,044.15	\$2,000,000.00	1.A	4.11%
3138LNUZ2	FN AN9599	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	6/1/2043	\$2,446,009.02	\$2,701,283.49	\$2,657,405.64	1.A	4.10%
3140HRQU0	FN BL0466	01 - U.S. GOVERNMENT AND AGENCIES	3.69%	10/1/2033	\$786,189.60	\$823,557.51	\$840,000.00	1.A	4.03%
3140HRVR1	FN BL0623	01 - U.S. GOVERNMENT AND AGENCIES	4.11%	5/1/2031	\$2,325,964.26	\$2,456,452.98	\$2,434,417.56	1.A	4.05%
3140HRWP4	FN BL0653	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	12/1/2032	\$1,854,420.86	\$1,927,198.70	\$1,925,650.68	1.A	4.17%
3140HR3B7	FN BL0793	01 - U.S. GOVERNMENT AND AGENCIES	4.15%	12/1/2038	\$1,758,482.34	\$1,866,213.08	\$1,857,702.22	1.A	4.21%
3140HR5Q2	FN BL0854	01 - U.S. GOVERNMENT AND AGENCIES	4.13%	12/1/2030	\$1,932,360.00	\$2,003,528.90	\$2,000,000.00	1.A	4.19%
3140HR5S8	FN BL0856	01 - U.S. GOVERNMENT AND AGENCIES	4.18%	2/1/2031	\$957,440.00	\$1,000,133.57	\$1,000,000.00	1.A	4.27%
3140HR7L1	FN BL0898	01 - U.S. GOVERNMENT AND AGENCIES	4.24%	12/1/2033	\$1,550,581.52	\$1,609,955.41	\$1,585,040.30	1.A	4.13%
3140HSDM0	FN BL1007	01 - U.S. GOVERNMENT AND AGENCIES	4.03%	12/1/2033	\$2,881,890.00	\$3,015,770.03	\$3,000,000.00	1.A	4.07%
3140HS2H3	FN BL1675	01 - U.S. GOVERNMENT AND AGENCIES	4.17%	2/1/2049	\$864,520.00	\$1,010,018.42	\$1,000,000.00	1.A	4.22%
3140HTCK3	FN BL1873	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	4/1/2049	\$856,080.00	\$1,009,478.96	\$1,000,000.00	1.A	4.12%
31358DDR2	FNMAP 0.00 5/30	01 - U.S. GOVERNMENT AND AGENCIES		5/15/2030	\$7,025,760.17	\$6,670,630.99	\$9,490,000.00	1.A	5.20%
3142ACD22	FR WA4820	01 - U.S. GOVERNMENT AND AGENCIES	3.85%	1/1/2053	\$1,648,233.21	\$1,738,738.51	\$1,992,328.22	1.A	4.99%
3132Y7GN9	FR WE2005	01 - U.S. GOVERNMENT AND AGENCIES	3.18%	9/1/2033	\$1,674,488.18	\$1,762,535.39	\$1,839,551.10	1.A	4.04%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$11,642,268.01	\$10,623,096.81	\$16,347,000.00	1.A	5.67%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$1,641,611.78	\$1,582,454.95	\$2,305,000.00	1.A	4.94%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$4,985,372.00	\$5,379,740.03	\$7,000,000.00	1.A	3.45%
911759KY3	HUD 4.41 8/29 - 8/20 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.41%	8/1/2029	\$2,842,777.34	\$2,869,000.00	\$2,869,000.00	1.A	4.41%
880591EP3	TVA 3.5 12/42	01 - U.S. GOVERNMENT AND AGENCIES	3.50%	12/15/2042	\$1,336,686.40	\$1,413,773.10	\$1,600,000.00	1.A	4.40%
880591EY4	TVA 4.25 09/15/2052	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	9/15/2052	\$2,763,222.00	\$2,904,834.12	\$3,000,000.00	1.A	4.45%
880591EY4	TVA 4.25 09/15/2052	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	9/15/2052	\$1,842,148.00	\$1,848,847.32	\$2,000,000.00	1.A	4.73%
880591ES7	TVA 4.25 09/15/65	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	9/15/2065	\$3,641,988.00	\$3,898,087.56	\$4,000,000.00	1.A	4.38%
88059FBP5	TVASP 0.0 04/01/56	01 - U.S. GOVERNMENT AND AGENCIES		4/1/2056	\$2,021,690.00	\$2,397,727.90	\$10,000,000.00	1.A	4.41%
31397PRT9	FHR 3406 B	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	1/15/2038	\$3,394.08	\$3,439.48	\$3,426.80	1.A	5.85%
31398LZZ4	FHR 3621 HZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/15/2040	\$481,260.24	\$482,114.72	\$486,055.67	1.A	5.15%
31398WVL5	FHR 3654 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	4/15/2040	\$535,088.27	\$536,785.42	\$553,932.50	1.A	5.21%
3137GAMD6	FHR 3736 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	1/15/2040	\$1,915,393.09	\$1,990,959.62	\$2,059,121.85	1.A	4.62%
3137A4E78	FHR 3768 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/15/2040	\$397,653.85	\$414,859.68	\$422,183.11	1.A	4.29%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$1,077,628.32	\$1,037,893.90	\$1,104,843.94	1.A	5.68%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$2,836,103.72	\$2,731,530.62	\$2,907,729.83	1.A	5.68%
3137H6VW2	FHR 5209 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.00%	4/25/2052	\$4,398,989.15	\$4,922,071.58	\$6,422,078.85	1.A	4.83%
3137H9B40	FHR 5267 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	9/25/2052	\$9,530,717.70	\$10,251,270.80	\$10,327,236.82	1.A	5.04%
3137H9BE8	FHR 5267 JZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$7,293,192.92	\$7,688,797.40	\$7,773,344.65	1.A	5.07%
3137H9GB9	FHR 5275 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$3,762,137.55	\$3,732,190.08	\$3,894,181.45	1.A	5.91%

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3137H9GM5	FHR 5275 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$1,999,279.10	\$2,053,255.16	\$2,065,353.90	1.A	5.52%
3137H9KU2	FHR 5282 MZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	12/25/2052	\$2,003,050.36	\$1,988,404.63	\$2,065,055.72	1.A	5.84%
31371LHK8	FN 255034	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	12/1/2033	\$9,475.73	\$9,619.05	\$9,619.05	1.A	4.45%
31407NQC0	FN 835751	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	8/1/2035	\$919.33	\$895.12	\$935.48	1.A	5.57%
31398GBZ1	FNR 2009-102 EZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	12/25/2039	\$27,301.38	\$27,970.37	\$28,376.10	1.A	5.21%
31398GPX1	FNR 2009-108 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/25/2040	\$157,664.98	\$165,636.21	\$170,105.66	1.A	5.45%
31398SWG4	FNR 2010-139 HA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	11/25/2040	\$685,836.32	\$707,012.82	\$724,529.07	1.A	4.51%
31398SXH1	FNR 2010-141 AL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/25/2040	\$254,966.92	\$274,154.07	\$279,523.32	1.A	4.33%
31397QG51	FNR 2011-18 ZE	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	3/25/2041	\$690,617.53	\$686,282.54	\$716,166.04	1.A	5.30%
31397SVR2	FNR 2011-39 UZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	5/25/2041	\$102,194.48	\$106,437.65	\$109,837.64	1.A	4.56%
31397UEH8	FNR 2011-47 LW	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	6/25/2041	\$190,563.64	\$200,118.89	\$206,647.65	1.A	4.60%
3136A0RX7	FNR 2011-80 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$167,958.02	\$174,332.72	\$180,616.72	1.A	4.64%
3136A0EK9	FNR 2011-81 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$147,822.04	\$158,556.69	\$160,994.27	1.A	4.20%
3136AHV56	FNR 2013-136 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.50%	1/25/2044	\$2,531,867.97	\$2,402,017.22	\$2,765,340.10	1.A	6.02%
3136BPCP4	FNR 2022-65 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$1,977,940.82	\$1,948,290.14	\$2,076,262.22	1.A	5.53%
3136BPGE5	FNR 2022-77 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	11/25/2052	\$1,999,762.05	\$1,940,256.04	\$2,067,647.04	1.A	5.55%
3136BPGW5	FNR 2022-78 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$1,990,832.33	\$2,003,684.62	\$2,074,520.56	1.A	5.81%
3136BPD40	FNR 2023-5 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	3/25/2053	\$3,079,563.82	\$3,180,398.59	\$3,253,667.57	1.A	5.18%
3136BPZE4	FNR 2023-8 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/25/2053	\$2,841,034.41	\$2,944,723.90	\$3,050,313.36	1.A	5.24%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	11/25/2033	\$1,054,856.75	\$1,070,924.91	\$1,070,924.91	1.A	5.57%
3140LG2Q4	FN BS6182	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.32%	8/1/2037	\$1,910,120.00	\$2,024,678.21	\$2,000,000.00	1.A	4.31%
3140LHHG8	FN BS6530	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.34%	9/1/2052	\$1,407,132.88	\$1,567,700.66	\$1,558,908.18	1.A	4.41%
3140LHNH9	FN BS6691	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.49%	10/1/2052	\$3,053,263.07	\$3,322,715.57	\$3,321,399.67	1.A	4.48%
38374VVT3	GNR 2009-53 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	7/16/2039	\$2,016,422.39	\$2,019,388.77	\$1,997,264.63	1.A	5.68%
38373AKB1	GNR 2009-65 ZT	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/20/2039	\$1,980,168.00	\$1,981,612.03	\$1,966,996.99	1.A	5.75%
38373AUYO	GNR 2009-68 ZD	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/16/2039	\$2,257,297.68	\$2,289,839.65	\$2,229,577.34	1.A	5.28%
38373AUC8	GNR 2009-68 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	8/16/2039	\$3,749,905.25	\$3,789,757.75	\$3,772,104.08	1.A	5.34%
38376CRQ4	GNR 2009-77 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	9/16/2039	\$1,857,480.67	\$1,844,310.37	\$1,836,832.83	1.A	5.34%
38376GZD5	GNR 2010-161 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.70%	12/16/2050	\$1,409,263.67	\$1,384,961.63	\$1,579,867.21	1.A	5.66%
38377FZ20	GNR 2010-73 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	6/20/2040	\$1,269,493.56	\$1,308,187.65	\$1,314,606.93	1.A	4.55%
38376GSJ0	GNR 2010-83 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.30%	1/16/2052	\$2,772,644.65	\$2,776,096.40	\$3,017,870.79	1.A	5.42%
38376GY79	GNR 2011-95 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.90%	4/16/2051	\$1,144,248.01	\$1,167,416.42	\$1,365,900.95	1.A	5.01%
38378BSJ9	GNR 2012-45 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.16%	1/16/2055	\$2,422,831.58	\$2,806,181.92	\$2,910,738.26	1.A	3.41%
38378BTJ8	GNR 2012-53 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.30%	4/16/2052	\$1,053,721.72	\$1,257,588.24	\$1,433,869.10	1.A	4.02%
38374LQ53	GNR 2005-67 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.72%	8/16/2045	\$32,194.08	\$31,606.20	\$32,295.81	1.A	5.24%
38373M4H0	GNR 2008-90 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.85%	12/16/2050	\$457,397.85	\$426,510.68	\$491,174.97	1.A	7.12%
38374XSJ5	GNR 2009-30 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	5.25%	3/16/2049	\$611,326.59	\$648,655.57	\$658,270.49	1.A	5.68%
38376GUP3	GNR 2010-100 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.30%	10/16/2052	\$745,132.09	\$592,963.05	\$809,045.03	1.A	1.00%
Total Sub Account Treasuries & Agencies					\$166,089,223.55	\$173,295,408.30	\$196,820,390.83		

¹ "Book/Adjusted Carrying Value" is equal to Book Value except NAIC code 6 which is recorded as Fair Value.