

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
912797HX8	B 0.00 01/02/2024	16 - SHORT TERM		1/2/2024	\$4,999,273.60	\$4,999,273.60	\$5,000,000.00	1.A	5.23%
3133EMLL4	FFCB 2.07 12/40-12/21 (A)	01 - U.S. GOVERNMENT AND AGENCIES	2.07%	12/21/2040	\$1,327,252.00	\$1,882,185.52	\$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	\$509,642.25	\$738,138.48	\$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	\$740,434.00	\$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	\$864,585.00	\$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	\$938,018.00	\$1,001,317.33	\$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	\$870,510.00	\$1,142,045.31	\$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	\$947,262.00	\$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	\$873,674.00	\$973,076.11	\$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	\$2,781,384.00	\$2,997,721.83	\$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	\$1,839,162.00	\$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	\$2,828,082.00	\$2,958,216.47	\$3,000,000.00	1.A	4.11%
31397PRT9	FHR 3406 B	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	1/15/2038	\$3,290.63	\$3,306.50	\$3,294.30	1.A	5.85%
31398LZZ4	FHR 3621 HZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/15/2040	\$448,193.49	\$441,991.39	\$445,573.96	1.A	5.15%
31398WVLS	FHR 3654 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	4/15/2040	\$490,369.21	\$486,749.57	\$502,181.01	1.A	5.21%
3137GAMD6	FHR 3736 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	10/15/2040	\$1,904,934.16	\$1,921,607.69	\$1,986,661.44	1.A	4.61%
3137A4E78	FHR 3768 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/15/2040	\$387,043.65	\$396,806.06	\$403,726.86	1.A	4.29%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$1,001,971.27	\$956,923.82	\$1,018,471.53	1.A	5.68%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$2,636,989.36	\$2,518,433.41	\$2,680,414.76	1.A	5.68%
3137H6VW2	FHR 5209 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.00%	4/25/2052	\$4,418,229.25	\$5,018,650.59	\$6,519,014.15	1.A	4.82%
3137H9B40	FHR 5267 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	9/25/2052	\$9,841,103.23	\$10,553,213.94	\$10,630,790.22	1.A	5.04%
3137H9BE8	FHR 5267 JZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$7,527,313.75	\$7,915,713.63	\$8,001,830.29	1.A	5.07%
3137H9GB9	FHR 5275 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$3,921,699.35	\$3,838,479.98	\$4,002,526.37	1.A	5.88%
3137H9GM5	FHR 5275 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$2,093,693.96	\$2,119,804.71	\$2,132,227.58	1.A	5.52%
3137H9KU2	FHR 5282 MZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	12/25/2052	\$2,087,900.60	\$2,044,716.92	\$2,122,499.46	1.A	5.82%
31371LHK8	FN 255034	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	12/1/2033	\$9,192.38	\$9,170.46	\$9,170.46	1.A	4.45%
31407NQCO	FN 835751	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	8/1/2035	\$865.60	\$827.46	\$863.54	1.A	5.55%
3138LJ2G4	FN AN6174	01 - U.S. GOVERNMENT AND AGENCIES	3.21%	7/1/2037	\$4,487,500.00	\$5,007,365.36	\$5,000,000.00	1.A	3.27%
3138LNT76	FN AN9573	01 - U.S. GOVERNMENT AND AGENCIES	4.04%	7/1/2048	\$1,733,500.00	\$2,010,186.39	\$2,000,000.00	1.A	4.11%
3138LNUZ2	FN AN9599	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	6/1/2043	\$2,440,484.26	\$2,659,100.20	\$2,618,208.24	1.A	4.10%
3140HRQU0	FN BL0466	01 - U.S. GOVERNMENT AND AGENCIES	3.69%	10/1/2033	\$788,096.40	\$824,378.16	\$840,000.00	1.A	4.03%
3140HRWP4	FN BL0653	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	12/1/2032	\$1,834,028.16	\$1,915,700.84	\$1,914,014.84	1.A	4.16%
3140HR3B7	FN BL0793	01 - U.S. GOVERNMENT AND AGENCIES	4.15%	12/1/2038	\$1,752,615.29	\$1,848,513.34	\$1,839,977.42	1.A	4.20%
3140HR5Q2	FN BL0854	01 - U.S. GOVERNMENT AND AGENCIES	4.13%	12/1/2030	\$1,956,480.00	\$2,003,421.39	\$2,000,000.00	1.A	4.19%
3140HR7L1	FN BL0898	01 - U.S. GOVERNMENT AND AGENCIES	4.24%	12/1/2033	\$1,540,130.79	\$1,594,569.14	\$1,570,632.47	1.A	4.12%
3140HSDM0	FN BL1007	01 - U.S. GOVERNMENT AND AGENCIES	4.03%	12/1/2033	\$2,875,860.00	\$3,015,478.15	\$3,000,000.00	1.A	4.06%
3140HS2H3	FN BL1675	01 - U.S. GOVERNMENT AND AGENCIES	4.17%	2/1/2049	\$863,920.00	\$1,009,716.89	\$1,000,000.00	1.A	4.22%
3140HTCK3	FN BL1873	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	4/1/2049	\$856,930.00	\$1,009,502.87	\$1,000,000.00	1.A	4.12%
3140LG2Q4	FN BS6182	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.32%	8/1/2037	\$1,931,040.00	\$2,024,256.90	\$2,000,000.00	1.A	4.31%
3140LHHG8	FN BS6530	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.34%	9/1/2052	\$1,404,438.14	\$1,557,655.03	\$1,548,733.66	1.A	4.41%
3140LHNH9	FN BS6691	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.49%	10/1/2052	\$3,046,401.66	\$3,299,898.32	\$3,299,578.30	1.A	4.51%
31358DDR2	FNMAP 0.00 5/30	01 - U.S. GOVERNMENT AND AGENCIES		5/15/2030	\$7,264,111.01	\$6,843,935.57	\$9,490,000.00	1.A	5.20%
31398GBZ1	FNR 2009-102 EZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	12/25/2039	\$31,184.19	\$31,613.47	\$32,066.00	1.A	5.20%
31398GPX1	FNR 2009-108 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/25/2040	\$169,583.91	\$169,013.36	\$173,507.97	1.A	5.44%
31398SWG4	FNR 2010-139 HA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	11/25/2040	\$659,770.48	\$677,373.11	\$693,676.70	1.A	4.51%
31398SXH1	FNR 2010-141 AL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/25/2040	\$233,622.18	\$246,674.08	\$251,519.56	1.A	4.33%
31397QG51	FNR 2011-18 ZE	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	3/25/2041	\$676,166.10	\$659,626.52	\$688,115.92	1.A	5.30%

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31397SVR2	FNR 2011-39 UZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	5/25/2041	\$113,018.13	\$114,218.56	\$117,821.72	1.A	4.56%
31397UEH8	FNR 2011-47 LW	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	6/25/2041	\$175,860.55	\$183,233.81	\$189,090.66	1.A	4.60%
3136AORX7	FNR 2011-80 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$177,286.62	\$178,313.03	\$184,667.98	1.A	4.64%
3136A0EK9	FNR 2011-81 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$148,223.38	\$153,085.34	\$155,388.17	1.A	4.20%
3136AHVS6	FNR 2013-136 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.50%	1/25/2044	\$2,331,673.87	\$2,227,088.91	\$2,563,952.59	1.A	6.01%
3136BPCP4	FNR 2022-65 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$2,093,976.17	\$1,999,071.55	\$2,128,712.50	1.A	5.50%
3136BPGE5	FNR 2022-77 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	11/25/2052	\$2,052,664.64	\$1,991,093.30	\$2,119,879.66	1.A	5.53%
3136BPGW5	FNR 2022-78 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$2,073,851.55	\$2,060,236.22	\$2,132,227.58	1.A	5.78%
3136BPD40	FNR 2023-5 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	3/25/2053	\$3,162,883.55	\$3,261,783.53	\$3,335,861.30	1.A	5.17%
3136BPZE4	FNR 2023-8 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/25/2053	\$2,895,215.92	\$3,020,568.86	\$3,127,369.98	1.A	5.25%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	11/25/2033	\$996,894.54	\$1,001,683.59	\$1,001,683.59	1.A	5.57%
3142ACD22	FR WA4820	01 - U.S. GOVERNMENT AND AGENCIES	3.85%	1/1/2053	\$1,641,556.00	\$1,732,636.82	\$1,981,383.00	1.A	5.10%
3132Y7GN9	FR WE2005	01 - U.S. GOVERNMENT AND AGENCIES	3.18%	9/1/2033	\$1,672,071.63	\$1,746,855.47	\$1,820,694.96	1.A	4.05%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$12,023,267.54	\$10,924,394.41	\$16,347,000.00	1.A	5.67%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$1,695,334.42	\$1,621,549.36	\$2,305,000.00	1.A	4.94%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$5,148,521.00	\$5,472,432.35	\$7,000,000.00	1.A	3.45%
38374LQ53	GNR 2005-67 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.72%	8/16/2045	\$31,629.60	\$31,010.99	\$31,735.34	1.A	5.18%
38373M4H0	GNR 2008-90 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.85%	12/16/2050	\$461,128.02	\$423,628.33	\$487,201.59	1.A	7.12%
38374XSJ5	GNR 2009-30 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	5.25%	3/16/2049	\$610,072.87	\$636,056.58	\$647,576.62	1.A	5.64%
38374VVT3	GNR 2009-53 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	7/16/2039	\$1,900,779.62	\$1,881,101.64	\$1,859,848.08	1.A	5.68%
38373AKB1	GNR 2009-65 ZT	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/20/2039	\$1,729,660.19	\$1,709,809.05	\$1,697,174.57	1.A	5.76%
38373AU00	GNR 2009-68 ZD	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/16/2039	\$2,126,843.43	\$2,131,389.54	\$2,075,297.20	1.A	5.31%
38373AUC8	GNR 2009-68 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	8/16/2039	\$3,522,206.80	\$3,514,664.59	\$3,498,063.17	1.A	5.35%
38376CRQ4	GNR 2009-77 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	9/16/2039	\$1,754,465.20	\$1,720,535.93	\$1,713,642.80	1.A	5.34%
38376GUP3	GNR 2010-100 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.30%	10/16/2052	\$731,784.30	\$563,445.50	\$793,818.86	1.A	1.03%
38376GZD5	GNR 2010-161 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.70%	12/16/2050	\$1,452,497.48	\$1,426,359.13	\$1,609,320.98	1.A	5.27%
38377FZ20	GNR 2010-73 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	6/20/2040	\$1,219,189.61	\$1,239,680.93	\$1,245,754.07	1.A	4.55%
38376GSJ0	GNR 2010-83 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.30%	1/16/2052	\$2,735,932.61	\$2,728,842.75	\$2,979,345.10	1.A	5.36%
38376GY79	GNR 2011-95 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.90%	4/16/2051	\$1,173,982.45	\$1,187,127.06	\$1,392,753.36	1.A	4.94%
38378BSJ9	GNR 2012-45 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.16%	1/16/2055	\$2,468,310.11	\$2,871,089.35	\$2,972,338.46	1.A	3.39%
38378BTJ8	GNR 2012-53 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.30%	4/16/2052	\$1,074,065.77	\$1,285,806.89	\$1,457,688.59	1.A	3.98%
911759KY3	HUD 4.41 8/29 - 8/20 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.41%	8/1/2029	\$2,869,028.69	\$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	\$1,359,190.40	\$1,416,850.02	\$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	\$2,779,803.00	\$2,905,644.27	\$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	\$1,853,202.00	\$1,850,072.88	\$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	\$3,665,780.00	\$3,898,514.36	\$4,000,000.00	1.A	4.38%
88059FBP5	TVASP 0.0 04/01/56	01 - U.S. GOVERNMENT AND AGENCIES		4/1/2056	\$2,021,910.00	\$2,450,578.40	\$10,000,000.00	1.A	4.41%
Total Sub Account Treasuries & Agencies					\$168,781,692.87	\$174,755,803.17	\$197,610,569.49		

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