

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
912797PU5	B 0.00 07/01/2025	16 - SHORT TERM		3/1/2036	\$11,800,000.00	\$11,800,000.00	\$11,800,000.00	1.A	4.01%
912797PU5	B 0.00 07/01/2025	16 - SHORT TERM		9/15/2048	\$10,200,000.00	\$10,200,000.00	\$10,200,000.00	1.A	4.05%
912797PU5	B 0.00 07/01/2025	16 - SHORT TERM		6/1/2037	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	1.A	4.06%
880591EY4	TVA 4.25 09/15/2052	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	2/25/2047	\$1,677,388.00	\$1,847,992.97	\$2,000,000.00	1.A	4.75%
3133EEU24	FFCB 3.47 06/03/2033	01 - U.S. GOVERNMENT AND AGENCIES	3.47%	4/25/2052	\$943,464.00	\$1,001,134.97	\$1,000,000.00	1.A	3.45%
3133EJV22	FFCB 4.07 11/33-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.07%	2/25/2050	\$957,073.00	\$1,000,000.00	\$1,000,000.00	1.A	4.07%
3133EGDZ5	FFCB 3.04 05/20/2036	01 - U.S. GOVERNMENT AND AGENCIES	3.04%	11/2/2038	\$871,464.00	\$1,000,000.00	\$1,000,000.00	1.A	3.04%
880591ES7	TVA 4.25 09/15/2065	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	2/25/2036	\$3,222,560.00	\$3,899,851.71	\$4,000,000.00	1.A	4.38%
3133EDRR5	FFCB 3.93 08/01/2044	01 - U.S. GOVERNMENT AND AGENCIES	3.93%	10/1/2044	\$851,107.00	\$1,134,373.77	\$1,000,000.00	1.A	3.00%
880591EP3	TVA 3.5 12/15/2042	01 - U.S. GOVERNMENT AND AGENCIES	3.50%	11/1/2038	\$1,300,617.60	\$1,426,492.59	\$1,600,000.00	1.A	4.40%
880591EY4	TVA 4.25 09/15/2052	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	2/15/2043	\$2,516,082.00	\$2,903,580.00	\$3,000,000.00	1.A	4.58%
3133EMLL4	FFCB 2.07 12/40-12/21 (A)	01 - U.S. GOVERNMENT AND AGENCIES	2.07%	4/25/2052	\$1,343,756.00	\$1,890,715.89	\$2,000,000.00	1.B FE	2.50%
3133EMA51	FFCB 2.8 05/41 - 05/22	01 - U.S. GOVERNMENT AND AGENCIES	2.80%	12/1/2035	\$742,229.00	\$1,000,000.00	\$1,000,000.00	1.B FE	2.80%
3133EMVZ2	FFCB 2.52 04/13/2046	01 - U.S. GOVERNMENT AND AGENCIES	2.52%	2/25/2052	\$497,448.00	\$738,739.72	\$750,000.00	1.B FE	2.61%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	2/15/2046	\$16,570.87	\$16,999.18	\$16,999.18	1.A	5.65%
31407NQC0	FN 835751	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	8/1/2029	\$674.73	\$652.63	\$677.94	1.A	5.55%
3140LHNN9	FN BS6691	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.49%	11/25/2051	\$37.64	\$40.81	\$40.79	1.A	4.50%
38376GZD5	GNR 2010-161 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.70%	1/25/2052	\$1,414,376.92	\$1,393,840.30	\$1,555,980.48	1.A	4.97%
38376GY79	GNR 2011-95 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.90%	12/25/2048	\$1,242,341.68	\$1,297,821.25	\$1,476,519.08	1.A	5.11%
3138LNT76	FN AN9573	01 - U.S. GOVERNMENT AND AGENCIES	4.04%	8/20/2043	\$1,743,140.00	\$2,009,294.58	\$2,000,000.00	1.A	4.01%
3140HR7L1	FN BL0898	01 - U.S. GOVERNMENT AND AGENCIES	4.24%	9/15/2039	\$1,501,374.80	\$1,544,904.79	\$1,524,873.09	1.A	4.02%
38376GUP3	GNR 2010-100 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.30%	12/1/2048	\$693,650.92	\$540,646.68	\$748,960.13	1.A	8.44%
3137A4E78	FHR 3768 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	5/1/2051	\$327,329.95	\$332,020.76	\$335,131.13	1.A	4.19%
3140HTCK3	FN BL1873	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	5/15/2044	\$850,210.00	\$1,008,944.38	\$1,000,000.00	1.A	4.02%
3132Y7GN9	FR WE2005	01 - U.S. GOVERNMENT AND AGENCIES	3.18%	4/1/2038	\$455.61	\$464.49	\$481.45	1.A	4.09%
31397PRT9	FHR 3406 B	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	4/20/2046	\$3,014.94	\$2,994.15	\$2,985.37	1.A	5.93%
3137GAMD6	FHR 3736 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	2/25/2052	\$1,588,053.63	\$1,601,869.03	\$1,625,130.99	1.A	4.31%
3137FJY78	FHMS K158 A3	01 - U.S. GOVERNMENT AND AGENCIES	3.90%	3/1/2044	\$2,876,664.00	\$2,963,404.97	\$3,000,000.00	1.A	4.09%
38376GSJ0	GNR 2010-83 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.30%	6/15/2043	\$2,226,432.23	\$2,190,252.12	\$2,413,607.49	1.A	5.30%
38373AKB1	GNR 2009-65 ZT	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	7/25/2043	\$1,534,032.04	\$1,507,754.62	\$1,498,706.04	1.A	5.88%
3140HRSE4	FN BL0516	01 - U.S. GOVERNMENT AND AGENCIES	4.09%	9/15/2065	\$1,851,720.00	\$2,001,996.06	\$2,000,000.00	1.A	4.08%
38378BSJ9	GNR 2012-45 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.08%	2/1/2048	\$2,617,775.17	\$2,894,136.55	\$2,985,764.70	1.A	3.37%
38376CRQ4	GNR 2009-77 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	6/25/2048	\$1,444,543.21	\$1,403,807.38	\$1,399,404.03	1.A	5.44%
31398SWG4	FNR 2010-139 HA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	10/15/2041	\$592,919.24	\$607,385.19	\$621,794.11	1.A	4.50%
31397QG51	FNR 2011-18 ZE	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	6/1/2036	\$576,523.27	\$572,301.57	\$579,593.96	1.A	4.74%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/1/2037	\$2,210,209.36	\$2,184,988.44	\$2,219,174.83	1.A	4.85%
3138LNUZ2	FN AN9599	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	4/25/2052	\$2,076,040.04	\$2,256,314.67	\$2,224,265.06	1.A	4.06%
911759KY3	HUD 4.41 8/29 - 8/20 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.41%	10/25/2048	\$2,801,919.33	\$2,807,000.00	\$2,807,000.00	1.A	4.41%
31371LHK8	FN 255034	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	4/25/2043	\$6,765.68	\$6,808.77	\$6,808.78	1.A	4.50%
3140HRWP4	FN BL0653	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	6/1/2049	\$1,749,026.51	\$1,812,985.31	\$1,812,312.46	1.A	4.06%
38374XSJ5	GNR 2009-30 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	5.25%	12/1/2036	\$338,338.07	\$344,943.67	\$349,084.64	1.A	5.48%
3140HRWP4	FN BL0653	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	3/25/2052	\$133.03	\$137.91	\$137.84	1.A	4.06%
38374VVT3	GNR 2009-53 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	5/15/2041	\$1,599,870.82	\$1,539,631.07	\$1,531,605.63	1.A	5.89%

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31397SVR2	FNR 2011-39 UZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	3/1/2037	\$97,459.59	\$98,605.57	\$99,333.72	1.A	4.13%
3140HR3B7	FN BL0793	01 - U.S. GOVERNMENT AND AGENCIES	4.15%	10/25/2045	\$385.85	\$406.74	\$405.04	1.A	4.10%
38374LQ53	GNR 2005-67 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.72%	11/25/2048	\$29,880.06	\$29,902.43	\$29,963.00	1.A	4.77%
3142ACD22	FR WA4820	01 - U.S. GOVERNMENT AND AGENCIES	3.85%	6/1/2049	\$1,596,685.41	\$1,712,476.85	\$1,944,331.96	1.A	5.02%
31398WVL5	FHR 3654 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/1/2040	\$418,265.16	\$426,464.08	\$431,944.41	1.A	4.75%
3136A0EK9	FNR 2011-81 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	1/21/2050	\$133,092.61	\$137,651.10	\$138,126.78	1.A	4.05%
3140LHHG8	FN BS6530	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.34%	6/1/2034	\$20.70	\$22.94	\$22.82	1.A	4.31%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	4/20/2052	\$44.91	\$46.07	\$46.07	1.A	5.65%
3136A0RX7	FNR 2011-80 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	11/1/2037	\$150,222.18	\$151,395.58	\$153,110.77	1.A	4.21%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	5/25/2033	\$156,366.81	\$160,408.46	\$160,408.46	1.A	5.65%
31398GBZ1	FNR 2009-102 EZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	11/28/2033	\$27,717.54	\$28,409.59	\$28,467.60	1.A	5.02%
31397UEH8	FNR 2011-47 LW	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	3/19/2040	\$150,364.89	\$153,705.08	\$158,679.20	1.A	4.58%
38377FZ20	GNR 2010-73 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/27/2042	\$1,052,822.13	\$1,046,103.92	\$1,049,208.66	1.A	4.55%
3134A4AB0	FRESTP 0.0 03/15/2031	01 - U.S. GOVERNMENT AND AGENCIES		2/8/2051	\$12,944,862.36	\$11,881,531.30	\$16,347,000.00	1.A	5.67%
3140HRQU0	FN BL0466	01 - U.S. GOVERNMENT AND AGENCIES	3.69%	1/27/2042	\$795,832.80	\$826,218.90	\$840,000.00	1.A	3.93%
88059FBP5	TVASP 0.0 04/01/2056	01 - U.S. GOVERNMENT AND AGENCIES		1/27/2042	\$1,815,710.00	\$2,616,799.29	\$10,000,000.00	1.A	4.41%
31398SXH1	FNR 2010-141 AL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	1/27/2042	\$197,596.43	\$205,661.85	\$209,310.49	1.A	4.36%
31398LZZ4	FHR 3621 HZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	8/1/2039	\$360,535.66	\$350,706.09	\$351,562.04	1.A	5.06%
3132Y7GN9	FR WE2005	01 - U.S. GOVERNMENT AND AGENCIES	3.18%	1/27/2042	\$1,540,975.92	\$1,571,032.76	\$1,628,387.78	1.A	4.09%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/1/2050	\$468,893.55	\$463,542.95	\$470,795.56	1.A	4.85%
3138LJ2G4	FN AN6174	01 - U.S. GOVERNMENT AND AGENCIES	3.21%	2/25/2036	\$4,278,100.00	\$5,005,560.29	\$5,000,000.00	1.A	3.19%
38373AUC8	GNR 2009-68 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	1/27/2042	\$3,029,910.55	\$2,945,058.82	\$2,933,083.59	1.A	5.42%
3136AHVS6	FNR 2013-136 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.50%	3/15/2035	\$2,083,974.84	\$1,939,884.19	\$2,220,263.49	1.A	5.89%
38373M4H0	GNR 2008-90 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.85%	1/25/2036	\$455,188.12	\$422,292.31	\$474,408.30	1.A	6.19%
3140HR3B7	FN BL0793	01 - U.S. GOVERNMENT AND AGENCIES	4.15%	3/15/2037	\$1,585,329.69	\$1,671,043.05	\$1,664,195.94	1.A	4.10%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	7/1/2039	\$9,547.97	\$9,439.01	\$9,586.70	1.A	4.85%
3134A4AB0	FRESTP 0.0 03/15/2031	01 - U.S. GOVERNMENT AND AGENCIES		4/1/2036	\$1,825,283.40	\$1,744,861.05	\$2,305,000.00	1.A	4.94%
3140LHNNH9	FN BS6691	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.49%	8/1/2043	\$2,964,739.18	\$3,213,777.45	\$3,212,520.92	1.A	4.50%
3138LNUZ2	FN AN9599	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	8/1/2051	\$1,336.54	\$1,452.58	\$1,431.97	1.A	4.06%
31398GPX1	FNR 2009-108 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	8/1/2041	\$127,279.41	\$127,339.96	\$127,706.46	1.A	5.04%
3140HSDM0	FN BL1007	01 - U.S. GOVERNMENT AND AGENCIES	4.03%	7/1/2045	\$2,891,940.00	\$3,012,544.57	\$3,000,000.00	1.A	3.96%
3140LHHG8	FN BS6530	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.34%	7/1/2045	\$1,366,524.84	\$1,513,942.85	\$1,506,343.66	1.A	4.31%
3134A4AB0	FRESTP 0.0 03/15/2031	01 - U.S. GOVERNMENT AND AGENCIES		7/1/2047	\$5,543,160.00	\$5,760,544.23	\$7,000,000.00	1.A	3.44%
3140LG2Q4	FN BS6182	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.32%	5/15/2037	\$1,910,340.00	\$2,021,829.38	\$2,000,000.00	1.A	4.21%
38373AUY0	GNR 2009-68 ZD	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	7/1/2047	\$1,791,375.66	\$1,757,618.57	\$1,714,678.11	1.A	5.44%
3142ACD22	FR WA4820	01 - U.S. GOVERNMENT AND AGENCIES	3.85%	5/15/2045	\$3.76	\$4.03	\$4.58	1.A	5.03%
3130AFU1	FHLB 4.25 11/38-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	2/1/2038	\$1,837,398.00	\$2,000,000.00	\$2,000,000.00	1.A	4.25%
3130AE4Q0	FHLB 3.375 03/12/2038	01 - U.S. GOVERNMENT AND AGENCIES	3.38%	3/25/2052	\$869,976.00	\$975,317.63	\$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%	8/1/2045	\$2,807,991.00	\$2,997,956.95	\$3,000,000.00	1.A	4.04%
31358DDR2	FNMAP 0.00 05/15/2030	01 - U.S. GOVERNMENT AND AGENCIES		1/27/2042	\$7,827,636.70	\$7,391,335.14	\$9,490,000.00	1.A	5.20%
3137H9GB9	FHR 5275 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	4/1/2046	\$4,384,368.28	\$4,196,926.52	\$4,346,712.71	1.A	5.84%
3136BPZE4	FNR 2023-8 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	3/1/2048	\$2,978,255.78	\$3,265,768.88	\$3,370,417.32	1.A	5.23%
3136BPGE5	FNR 2022-77 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/1/2048	\$2,164,697.10	\$2,164,440.76	\$2,284,628.68	1.A	5.47%
3136BPD40	FNR 2023-5 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/16/2043	\$3,344,280.86	\$3,523,269.07	\$3,595,111.81	1.A	5.19%
3137H9KU2	FHR 5282 MZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	12/15/2047	\$2,257,846.12	\$2,231,428.25	\$2,304,597.18	1.A	5.82%
3137H9GM5	FHR 5275 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	4/1/2056	\$2,342,742.72	\$2,303,230.47	\$2,315,159.90	1.A	5.58%
38378BTJ8	GNR 2012-53 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.30%	5/25/2033	\$1,100,692.24	\$1,368,629.00	\$1,531,583.29	1.A	4.15%
3136BPGW5	FNR 2022-78 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	12/21/2033	\$2,209,174.19	\$2,246,810.56	\$2,315,159.90	1.A	5.77%
3136BPCP4	FNR 2022-65 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/25/2036	\$2,177,453.83	\$2,170,930.16	\$2,294,147.96	1.A	5.43%

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3137H6VW2	FHR 5209 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.00%	10/15/2036	\$4,621,638.20	\$5,392,463.40	\$6,818,687.50	1.A	4.39%
3137H9B40	FHR 5267 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	3/15/2037	\$10,405,430.84	\$11,381,752.78	\$11,456,974.91	1.A	5.08%
3137H9BE8	FHR 5267 JZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/4/2041	\$7,963,592.27	\$8,539,730.40	\$8,623,702.18	1.A	5.10%
Total Sub Account Treasuries & Agencies					\$185,102,274.94	\$193,045,496.81	\$213,244,250.62		

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