

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
3130AE4Q0	FHLB 3.375 03/38	01 - U.S. GOVERNMENT AND AGENCIES	3.38%	3/12/2038	\$807,104.00	\$972,713.18	\$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	\$2,599,653.00	\$2,997,683.82	\$3,000,000.00	1.A	4.04%
3130AFU1	FHLB 4.25 11/38-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	11/2/2038	\$1,710,032.00	\$2,000,000.00	\$2,000,000.00	1.A	4.25%
3132Y7GN9	FR WE2005	01 - U.S. GOVERNMENT AND AGENCIES	3.18%	9/1/2033	\$1,570,593.35	\$1,754,733.65	\$1,830,165.76	1.A	4.05%
3133EDRR5	FFCB 3.93 08/44	01 - U.S. GOVERNMENT AND AGENCIES	3.93%	8/1/2044	\$802,149.00	\$1,143,289.35	\$1,000,000.00	1.A	3.00%
3133EEU24	FFCB 3.47 06/33	01 - U.S. GOVERNMENT AND AGENCIES	3.47%	6/3/2033	\$880,726.00	\$1,001,346.77	\$1,000,000.00	1.A	3.45%
3133EGDZ5	FFCB 3.04 05/36	01 - U.S. GOVERNMENT AND AGENCIES	3.04%	5/20/2036	\$803,099.00	\$1,000,000.00	\$1,000,000.00	1.A	3.04%
3133EJV22	FFCB 4.07 11/33-11/23 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.07%	11/21/2033	\$893,746.00	\$1,000,000.00	\$1,000,000.00	1.A	4.07%
3133EMA51	FFCB 2.8 05/41 - 05/22	01 - U.S. GOVERNMENT AND AGENCIES	2.80%	5/20/2041	\$679,497.00	\$1,000,000.00	\$1,000,000.00	1.A	2.80%
3133EMLL4	FFCB 2.07 12/40-12/21 (A)	01 - U.S. GOVERNMENT AND AGENCIES	2.07%	12/21/2040	\$1,213,424.00	\$1,880,797.76	\$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	\$459,865.50	\$738,040.31	\$750,000.00	1.A	2.61%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$11,225,713.76	\$10,772,692.29	\$16,347,000.00	1.A	5.67%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$1,582,875.77	\$1,601,882.89	\$2,305,000.00	1.A	4.94%
3134A4AB0	FRESTP 0.0 3/31	01 - U.S. GOVERNMENT AND AGENCIES		3/15/2031	\$4,806,998.00	\$5,425,888.30	\$7,000,000.00	1.A	3.45%
31358DDR2	FNMAP 0.00 5/30	01 - U.S. GOVERNMENT AND AGENCIES		5/15/2030	\$6,831,813.04	\$6,756,727.59	\$9,490,000.00	1.A	5.20%
3137FJY78	FHMS K158 A3	01 - U.S. GOVERNMENT AND AGENCIES	3.90%	10/25/2033	\$2,684,220.00	\$2,957,598.41	\$3,000,000.00	1.A	4.11%
3138LJ2G4	FN AN6174	01 - U.S. GOVERNMENT AND AGENCIES	3.21%	7/1/2037	\$4,129,300.00	\$5,007,186.64	\$5,000,000.00	1.A	3.27%
3138LNT76	FN AN9573	01 - U.S. GOVERNMENT AND AGENCIES	4.04%	7/1/2048	\$1,630,840.00	\$2,010,117.08	\$2,000,000.00	1.A	4.11%
3138LNUZ2	FN AN9599	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	6/1/2043	\$2,283,022.17	\$2,680,808.46	\$2,637,929.16	1.A	4.10%
3140HR3B7	FN BL0793	01 - U.S. GOVERNMENT AND AGENCIES	4.15%	12/1/2038	\$1,638,987.73	\$1,857,542.95	\$1,849,017.64	1.A	4.21%
3140HR5Q2	FN BL0854	01 - U.S. GOVERNMENT AND AGENCIES	4.13%	12/1/2030	\$1,858,280.00	\$2,003,480.17	\$2,000,000.00	1.A	4.19%
3140HR7L1	FN BL0898	01 - U.S. GOVERNMENT AND AGENCIES	4.24%	12/1/2033	\$1,464,568.30	\$1,602,423.31	\$1,577,994.55	1.A	4.13%
3140HRQU0	FN BL0466	01 - U.S. GOVERNMENT AND AGENCIES	3.69%	10/1/2033	\$741,938.40	\$823,967.59	\$840,000.00	1.A	4.03%
3140HRWP4	FN BL0653	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	12/1/2032	\$1,741,404.99	\$1,921,623.76	\$1,920,003.74	1.A	4.16%
3140HS2H3	FN BL1675	01 - U.S. GOVERNMENT AND AGENCIES	4.17%	2/1/2049	\$807,910.00	\$1,009,809.66	\$1,000,000.00	1.A	4.22%
3140HSDM0	FN BL1007	01 - U.S. GOVERNMENT AND AGENCIES	4.03%	12/1/2033	\$2,708,790.00	\$3,015,629.69	\$3,000,000.00	1.A	4.06%
3140HTCK3	FN BL1873	01 - U.S. GOVERNMENT AND AGENCIES	4.08%	4/1/2049	\$803,410.00	\$1,009,491.80	\$1,000,000.00	1.A	4.12%
3142ACD22	FR WA4820	01 - U.S. GOVERNMENT AND AGENCIES	3.85%	1/1/2053	\$1,548,163.44	\$1,735,701.70	\$1,987,015.74	1.A	5.10%
880591EP3	TVA 3.5 12/42	01 - U.S. GOVERNMENT AND AGENCIES	3.50%	12/15/2042	\$1,231,422.40	\$1,415,308.56	\$1,600,000.00	1.A	4.40%
880591E57	TVA 4.25 09/15/65	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	9/15/2065	\$3,190,028.00	\$3,898,299.04	\$4,000,000.00	1.A	4.38%
880591EY4	TVA 4.25 09/15/2052	01 - U.S. GOVERNMENT AND AGENCIES	4.25%	9/15/2052	\$2,475,180.00	\$2,905,235.55	\$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	\$1,650,120.00	\$1,849,454.22	\$2,000,000.00	1.A	4.73%
88059FBP5	TVASP 0.0 04/01/56	01 - U.S. GOVERNMENT AND AGENCIES		4/1/2056	\$1,615,380.00	\$2,424,009.10	\$10,000,000.00	1.A	4.41%
911759KY3	HUD 4.41 8/29 - 8/20 (A)	01 - U.S. GOVERNMENT AND AGENCIES	4.41%	8/1/2029	\$2,773,118.02	\$2,869,000.00	\$2,869,000.00	1.A	4.41%
3136A0EK9	FNR 2011-81 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$148,212.51	\$158,923.23	\$161,331.50	1.A	4.20%
3136A0RX7	FNR 2011-80 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	8/25/2041	\$175,332.60	\$182,714.22	\$189,277.42	1.A	4.64%
3136AHV56	FNR 2013-136 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.50%	1/25/2044	\$2,343,465.19	\$2,304,923.50	\$2,653,560.24	1.A	6.03%
3136BPCP4	FNR 2022-65 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$1,832,103.71	\$1,973,325.59	\$2,102,323.80	1.A	5.50%
3136BPD40	FNR 2023-5 CZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	3/25/2053	\$2,814,007.40	\$3,220,760.12	\$3,294,508.11	1.A	5.17%
3136BPGE5	FNR 2022-77 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	11/25/2052	\$1,827,583.40	\$1,965,325.85	\$2,093,600.46	1.A	5.33%
3136BPGW5	FNR 2022-78 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$1,815,747.69	\$2,031,601.71	\$2,103,176.16	1.A	5.78%
3136BPZE4	FNR 2023-8 ZA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	2/25/2053	\$2,499,654.51	\$2,982,454.85	\$3,088,601.37	1.A	5.25%
31371LHK8	FN 255034	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	12/1/2033	\$8,854.57	\$9,395.37	\$9,395.37	1.A	4.45%
3137A4E78	FHR 3768 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/15/2040	\$378,329.55	\$402,116.95	\$409,184.96	1.A	4.29%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$1,000,025.07	\$988,048.82	\$1,052,109.76	1.A	5.68%
3137A6AX0	FHR 3791 ZL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	1/15/2041	\$2,631,867.37	\$2,600,348.26	\$2,768,943.94	1.A	5.68%
3137GAMD6	FHR 3736 ZP	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	10/15/2040	\$1,877,326.52	\$1,962,894.12	\$2,029,935.00	1.A	4.61%

Treasuries & Agencies Sub-Account

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3137H6VW2	FHR 5209 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.00%	4/25/2052	\$3,829,058.46	\$4,969,682.16	\$6,470,364.97	1.A	4.82%
3137H9B40	FHR 5267 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	9/25/2052	\$8,749,954.81	\$10,421,984.57	\$10,499,005.06	1.A	5.04%
3137H9BE8	FHR 5267 JZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	10/25/2052	\$6,696,969.63	\$7,817,008.92	\$7,902,635.16	1.A	5.07%
3137H9GB9	FHR 5275 AZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$3,478,685.67	\$3,784,612.61	\$3,947,982.33	1.A	5.88%
3137H9GM5	FHR 5275 KZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	11/25/2052	\$1,862,242.61	\$2,090,878.89	\$2,103,176.16	1.A	5.52%
3137H9KU2	FHR 5282 MZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	12/25/2052	\$1,857,883.18	\$2,016,213.80	\$2,093,580.58	1.A	5.82%
31393UA60	FNW 2003-W19 1A7	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.62%	11/25/2033	\$1,006,852.73	\$1,032,294.66	\$1,032,294.66	1.A	5.57%
31397PRT9	FHR 3406 B	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	1/15/2038	\$3,252.75	\$3,373.12	\$3,360.68	1.A	5.85%
31397QG51	FNR 2011-18 ZE	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	3/25/2041	\$668,866.84	\$675,209.68	\$704,613.28	1.A	5.30%
31397SVR2	FNR 2011-39 UZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	5/25/2041	\$113,032.93	\$118,402.77	\$122,167.91	1.A	4.56%
31397UEH8	FNR 2011-47 LW	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	6/25/2041	\$172,130.60	\$185,799.44	\$191,791.32	1.A	4.60%
31398GBZ1	FNR 2009-102 EZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	12/25/2039	\$30,952.25	\$32,496.59	\$32,965.17	1.A	5.20%
31398GPX1	FNR 2009-108 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/25/2040	\$166,064.69	\$171,194.45	\$175,783.77	1.A	5.44%
31398LZZ4	FHR 3621 HZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.00%	1/15/2040	\$454,022.34	\$460,440.91	\$464,202.30	1.A	5.15%
31398SWG4	FNR 2010-139 HA	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	11/25/2040	\$642,853.36	\$688,240.82	\$705,132.81	1.A	4.51%
31398SXH1	FNR 2010-141 AL	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.00%	12/25/2040	\$236,988.00	\$259,318.60	\$264,449.20	1.A	4.33%
31398WV15	FHR 3654 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	4/15/2040	\$487,510.82	\$498,920.59	\$514,873.79	1.A	5.21%
31407NQC0	FN 835751	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	8/1/2035	\$845.37	\$860.23	\$898.18	1.A	5.55%
38373AKB1	GNR 2009-65 ZT	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/20/2039	\$1,838,116.84	\$1,866,220.50	\$1,852,245.77	1.A	5.76%
38373AUC8	GNR 2009-68 ZH	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	8/16/2039	\$3,565,119.71	\$3,658,320.98	\$3,640,830.79	1.A	5.35%
38373AUY0	GNR 2009-68 ZD	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	8/16/2039	\$2,147,990.17	\$2,207,877.62	\$2,149,772.33	1.A	5.31%
38374VVT3	GNR 2009-53 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	6.00%	7/16/2039	\$1,893,929.56	\$1,922,409.92	\$1,900,470.98	1.A	5.68%
38376CRQ4	GNR 2009-77 ZB	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	5.50%	9/16/2039	\$1,760,231.67	\$1,773,397.77	\$1,766,150.04	1.A	5.34%
38376GSJ0	GNR 2010-83 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.30%	1/16/2052	\$2,688,444.28	\$2,745,379.22	\$2,998,722.05	1.A	5.36%
38376GY79	GNR 2011-95 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.90%	4/16/2051	\$1,087,130.02	\$1,172,588.96	\$1,379,261.81	1.A	4.94%
38376GZD5	GNR 2010-161 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.70%	12/16/2050	\$1,386,902.85	\$1,405,985.35	\$1,594,526.09	1.A	5.29%
38377FZ20	GNR 2010-73 GZ	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	4.50%	6/20/2040	\$1,211,378.34	\$1,272,273.78	\$1,278,540.05	1.A	4.55%
38378BSJ9	GNR 2012-45 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.16%	1/16/2055	\$2,358,123.44	\$2,846,098.06	\$2,948,973.96	1.A	3.39%
38378BTJ8	GNR 2012-53 Z	05 - RESIDENTIAL MORTGAGE-BACKED SECURITIES	3.30%	4/16/2052	\$968,093.47	\$1,271,680.10	\$1,445,729.12	1.A	3.98%
3140LG2Q4	FN BS6182	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.32%	8/1/2037	\$1,780,760.00	\$2,024,471.15	\$2,000,000.00	1.A	4.31%
3140LHHG8	FN BS6530	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.34%	9/1/2052	\$1,331,351.63	\$1,562,831.81	\$1,553,973.94	1.A	4.41%
3140LHNN9	FN BS6691	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.49%	10/1/2052	\$2,888,970.85	\$3,311,631.48	\$3,310,837.80	1.A	4.51%
38373M4H0	GNR 2008-90 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.85%	12/16/2050	\$451,860.25	\$425,083.54	\$489,205.73	1.A	7.12%
38374LQ53	GNR 2005-67 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.72%	8/16/2045	\$31,909.78	\$31,282.09	\$32,017.58	1.A	5.18%
38374XSJ5	GNR 2009-30 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	5.25%	3/16/2049	\$599,067.67	\$641,311.98	\$652,963.97	1.A	5.64%
38376GUP3	GNR 2010-100 Z	06 - COMMERCIAL MORTGAGE-BACKED SECURITIES	4.30%	10/16/2052	\$722,462.81	\$578,576.74	\$801,836.62	1.A	1.01%
Total Sub Account Treasuries & Agencies					\$152,365,893.34	\$169,769,670.05	\$192,984,410.64		

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