

ESTIMATED PAR BOND YIELDS (in %)

Partially Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/31/1925	3.77	3.71	3.64	3.8	3.92	3.96	3.98	3.99	3.93	3.83	3.3	3.99	3.3
01/30/1926	3.42	3.41	3.4	3.83	3.86	3.87	3.9	3.92	3.87	3.75	3.22	3.92	3.22
02/27/1926	3.37	3.36	3.34	3.79	3.84	3.86	3.9	3.94	3.88	3.73	3.2	3.94	3.2
03/31/1926	3.29	3.28	3.31	3.72	3.79	3.81	3.88	3.95	3.89	3.75	3.21	3.95	3.21
04/30/1926	3.1	3.08	3.12	3.66	3.66	3.66	3.74	3.84	3.82	3.71	3.18	3.84	3.08
05/28/1926	3.27	3.24	3.28	3.57	3.71	3.75	3.79	3.82	3.78	3.69	3.17	3.82	3.17
06/30/1926	2.85	2.88	3.39	3.61	3.64	3.73	3.8	3.83	3.79	3.68	3.15	3.83	2.85
07/31/1926	3.18	3.38	3.49	3.53	3.63	3.75	3.84	3.89	3.84	3.71	3.18	3.89	3.18
08/31/1926	3.55	3.54	3.48	3.51	3.66	3.79	3.89	3.94	3.87	3.72	3.18	3.94	3.18
09/30/1926	3.73	3.72	3.72	3.76	3.83	3.85	3.86	3.87	3.82	3.72	3.19	3.87	3.19
10/30/1926	3.62	3.7	3.66	3.71	3.64	3.73	3.8	3.84	3.79	3.67	3.15	3.84	3.15
11/30/1926	3.48	3.41	3.42	3.43	3.65	3.72	3.78	3.8	3.74	3.6	3.07	3.8	3.07
12/31/1926	3.21	3.16	3.13	3.15	3.46	3.56	3.64	3.68	3.65	3.56	3.05	3.68	3.05
01/31/1927	3.38	3.37	3.35	3.41	3.52	3.56	3.59	3.6	3.58	3.52	3.02	3.6	3.02
02/28/1927	3.36	3.35	3.38	3.24	3.44	3.51	3.57	3.59	3.56	3.49	2.98	3.59	2.98
03/31/1927	3.44	3.43	3.38	3.47	3.51	3.53	3.54	3.55	3.48	3.36	2.86	3.55	2.86
04/30/1927	3.66	3.57	3.58	3.63	3.67	3.62	3.58	3.56	3.49	3.37	2.87	3.67	2.87
05/31/1927	3.25	3.29	3.26	3.37	3.43	3.51	3.59	3.62	3.52	3.3	2.79	3.62	2.79
06/30/1927	3.34	3.37	3.37	3.48	3.53	3.56	3.59	3.6	3.53	3.37	2.86	3.6	2.86
07/30/1927	3.06	3.13	3.19	3.2	3.48	3.58	3.56	3.49	3.43	3.36	2.87	3.58	2.87
08/31/1927	3.06	3.05	3.02	3.04	3.4	3.52	3.51	3.44	3.38	3.33	2.85	3.52	2.85
09/30/1927	2.72	2.73	3.35	3.68	3.52	3.47	3.43	3.41	3.39	3.33	2.82	3.68	2.72
10/31/1927	2.76	3	3.09	3.17	3.42	3.5	3.57	3.6	3.49	3.27	2.78	3.6	2.76
11/30/1927	3.3	3.25	3.26	3.21	3.43	3.51	3.45	3.35	3.27	3.24	2.79	3.51	2.79
12/31/1927	3.44	3.41	3.37	3.33	3.46	3.51	3.43	3.32	3.24	3.2	2.76	3.51	2.76
01/31/1928	3.32	3.31	3.3	3.95	3.6	3.48	3.39	3.35	3.32	3.22	2.71	3.95	2.71
02/29/1928	3.05	3.05	3.05	4.49	3.85	3.63	3.46	3.39	3.33	3.17	2.64	4.49	2.64
03/31/1928	3.3	3.3	3.3	3.48	3.57	3.6	3.5	3.37	3.26	3.2	2.76	3.6	2.76
04/30/1928	3.91	3.88	3.9	3.77	3.72	3.7	3.57	3.42	3.31	3.22	2.76	3.91	2.76
05/31/1928	4.01	4.04	4	3.87	3.81	3.79	3.65	3.5	3.38	3.32	2.86	4.04	2.86
06/30/1928	4.02	4.03	4.18	4.13	3.93	3.86	3.68	3.51	3.38	3.3	2.85	4.18	2.85
07/31/1928	4.16	4.44	4.6	4.35	4.2	4.15	3.96	3.77	3.63	3.46	2.93	4.6	2.93
08/31/1928	4.56	4.54	4.47	4.54	4.23	4.13	3.92	3.74	3.61	3.44	2.91	4.56	2.91
09/29/1928	4.99	4.97	4.8	4.8	4.31	4.14	3.92	3.77	3.65	3.47	2.92	4.99	2.92
10/31/1928	4.87	4.87	4.75	4.3	4.17	4.13	3.93	3.72	3.57	3.42	2.93	4.87	2.93

ESTIMATED PAR BOND YIELDS (in %)

Partially Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
11/30/1928	4.44	4.35	4.35	4.36	4.22	4.17	3.96	3.76	3.6	3.39	2.86	4.44	2.86
12/31/1928	4.63	4.56	4.51	4.68	4.39	4.3	4.05	3.82	3.65	3.45	2.93	4.68	2.93
01/31/1929	4.86	4.84	4.81	4.62	4.48	4.43	4.19	3.95	3.76	3.53	2.97	4.86	2.97
02/28/1929	4.78	4.76	4.78	4.78	4.63	4.58	4.32	4.05	3.84	4.4	4.32	4.78	3.84
03/28/1929	4.8	4.78	4.95	5.09	4.73	4.61	4.35	4.13	3.95	4.18	3.21	5.09	3.21
04/30/1929	5.37	5.1	5.01	5.21	4.74	4.58	4.26	3.98	3.77	4.05	3.82	5.37	3.77
05/31/1929	5.09	5.16	5.09	6.12	5.18	4.87	4.46	4.16	3.94	4.18	3.93	6.12	3.93
06/29/1929	4.63	4.69	4.76	4.81	4.65	4.6	4.32	4.04	3.82	4.41	4.35	4.81	3.82
07/31/1929	5.22	5.03	4.89	4.79	4.56	4.49	4.25	4.03	3.86	4.25	4.05	5.22	3.86
08/30/1929	4.76	4.74	4.66	4.7	4.52	4.46	4.23	4.02	3.85	4.18	3.95	4.76	3.85
09/30/1929	5	4.97	4.89	4.68	4.57	4.53	4.32	4.11	3.94	4.23	3.97	5	3.94
10/31/1929	4.17	4.18	4.09	4.17	4.19	4.2	4.02	3.81	3.66	4.17	4.05	4.2	3.66
11/27/1929	3.36	3.37	3.3	3.61	3.75	3.8	3.7	3.57	3.46	3.34	2.84	3.8	2.84
12/31/1929	3	2.97	3.35	3.58	3.68	3.71	3.65	3.56	3.49	3.45	2.97	3.71	2.97
01/31/1930	3.88	3.89	3.88	3.92	3.93	3.93	3.81	3.68	3.58	3.5	3	3.93	3
02/28/1930	3.75	3.74	3.76	3.73	3.74	3.73	3.65	3.55	3.48	3.44	2.97	3.76	2.97
03/31/1930	3.67	3.66	3.69	3.68	3.68	3.48	3.38	3.37	3.36	3.36	2.88	3.69	2.88
04/30/1930	3.71	3.67	3.72	3.69	3.69	3.69	3.61	3.51	3.44	3.36	2.86	3.72	2.86
05/29/1930	3.63	3.62	3.64	3.61	3.62	3.62	3.53	3.42	3.35	3.26	2.77	3.64	2.77
06/30/1930	3.3	3.33	3.34	3.31	3.31	3.29	3.28	3.27	3.27	3.27	2.8	3.34	2.8
07/31/1930	3.15	3.14	3.13	3.1	3.11	3.17	3.22	3.24	3.26	3.28	2.81	3.28	2.81
08/29/1930	3.09	3.08	3.02	3.05	3.05	3.15	3.23	3.26	3.28	3.33	2.87	3.33	2.87
09/30/1930	3.02	3.02	2.97	2.98	2.99	3.08	3.15	3.19	3.21	3.24	2.78	3.24	2.78
10/31/1930	2.62	2.63	2.58	2.6	2.6	2.85	3.04	3.12	3.18	3.26	2.8	3.26	2.58
11/29/1930	2.3	2.27	2.26	2.28	2.29	2.65	2.93	3.06	3.15	3.25	2.81	3.25	2.26
12/31/1930	2.2	2.17	2.15	2.17	2.17	2.6	2.94	3.08	3.19	3.32	2.87	3.32	2.15
01/31/1931	2.49	2.48	2.48	2.5	2.5	2.86	3.15	3.27	3.36	3.47	3.01	3.47	2.48
02/28/1931	2.08	2.07	2.09	2.08	2.08	2.59	2.99	3.16	3.29	3.44	2.99	3.44	2.07
03/31/1931	1.97	1.97	1.98	1.98	1.98	2.51	2.93	3.1	3.24	3.39	2.94	3.39	1.97
04/30/1931	1.65	1.64	1.67	1.66	1.66	2.29	2.8	3.01	3.17	3.35	2.92	3.35	1.64
05/29/1931	1.11	1.11	1.12	1.11	1.11	1.93	2.58	2.86	3.06	3.3	2.88	3.3	1.11
06/30/1931	3.12	3.14	3.15	3.13	3.13	3.13	3.13	3.13	3.13	3.13	2.67	3.15	2.67
07/31/1931	3.2	3.19	3.18	3.16	3.16	3.16	3.16	3.16	3.16	3.16	2.7	3.2	2.7
08/31/1931	3.2	3.19	3.16	3.18	3.17	3.17	3.17	3.17	3.17	3.17	2.71	3.2	2.71

ESTIMATED PAR BOND YIELDS (in %)

Partially Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
09/30/1931	3.51	3.5	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.27	2.68	3.51	2.68
10/31/1931	3.8	3.81	3.75	3.77	3.77	3.77	3.77	3.77	3.77	3.6	5.73	5.73	3.6
11/30/1931	3.79	3.73	3.74	3.74	3.73	3.73	3.73	3.73	3.73	3.61	5.83	5.83	3.61
12/31/1931	4.23	4.19	4.14	4.17	4.16	4.16	4.16	4.16	4.16	4.04	5.67	5.67	4.04

ESTIMATED PAR BOND YIELDS (in %)

Fully Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
01/30/1932	1.63	2.09	2.81	3.48	3.77	3.87	3.94	3.98	4	3.75	3.36	4	1.63
02/29/1932	1.43	1.58	2.9	3.51	3.6	3.63	3.66	3.67	3.68	3.56	3.39	3.68	1.43
03/31/1932	1.05	1.47	2.21	3	3.26	3.35	3.42	3.45	3.47	3.39	3.24	3.47	1.05
04/30/1932	0.5	0.56	0.71	1.46	2.35	2.65	2.89	2.99	3.07	3.11	3.08	3.11	0.5
05/31/1932	0.28	0.33	0.09	1.34	1.96	2.44	2.82	2.98	3.1	3.19	3.17	3.19	0.09
06/30/1932	0.31	0.3	0.42	1.1	2.23	2.6	2.9	3.03	3.13	3.18	3.14	3.18	0.3
07/30/1932	0.31	0.28	0.37	0.95	2.19	2.61	2.91	3.02	3.09	3.13	3.08	3.13	0.28
08/31/1932	0.32	0.31	0.25	1	1.99	2.69	3.04	3.05	3.05	3.04	3.02	3.05	0.25
09/30/1932	0.2	-0.24	0.17	0.62	1.64	2.4	3.01	3.27	3.18	2.94	2.97	3.27	-0.24
10/31/1932	0.18	0.04	-0.05	0.44	1.26	2.22	2.87	3.07	3.05	2.95	2.97	3.07	-0.05
11/30/1932	0.11	-0.01	0.01	0.3	1.24	2.24	2.89	3.07	3.03	2.94	2.99	3.07	-0.01
12/31/1932	0.13	-0.01	0.11	0.22	1.09	2.02	2.71	2.97	2.98	2.91	2.96	2.98	-0.01
01/31/1933	0.13	0.26	0.13	0.12	1.14	1.92	3.17	4.12	3.67	2.67	2.96	4.12	0.12
02/28/1933	0.58	0.62	0.64	1.08	2.77	3.08	3.22	3.2	3.01	2.82	2.93	3.22	0.58
03/31/1933	0.93	0.9	1.1	1.54	2.57	2.91	3.06	3.04	2.94	2.86	2.94	3.06	0.9
04/29/1933	0.44	0.48	0.35	0.93	1.98	2.69	2.98	2.9	2.86	2.88	2.93	2.98	0.35
05/31/1933	0.24	0.17	0.01	0.88	1.32	2.26	2.6	2.47	2.63	2.92	2.91	2.92	0.01
06/30/1933	0.23	0.19	0.22	0.2	1.34	2.17	2.64	2.7	2.73	2.81	2.88	2.88	0.19
07/31/1933	0.28	0.37	0.22	0.61	1.51	2.27	2.69	2.74	2.75	2.87	3.03	3.03	0.22
08/31/1933	0.18	0.01	-0.07	0.2	1.25	2.02	2.58	2.8	2.8	2.77	2.86	2.86	-0.07
09/30/1933	0.13	0.07	0.07	0.22	1.16	2.04	2.57	2.69	2.71	2.76	2.84	2.84	0.07
10/31/1933	0.23	0.27	0.35	0.16	1.47	2.26	2.67	2.7	2.7	2.76	2.84	2.84	0.16
11/29/1933	0.25	0.35	0.65	0.37	2.41	3.06	2.67	1.82	2.58	3.48	2.8	3.48	0.25
12/30/1933	0.48	0.47	0.58	1.8	2.61	3.11	3.28	3.19	3.08	2.96	2.97	3.28	0.47
01/31/1934	0.3	0.47	0.87	1.76	2.56	2.82	2.97	2.99	3	2.98	2.94	3	0.3
02/28/1934	0.23	0.22	0.48	0.77	2.02	2.56	3	3.19	3.08	2.87	2.92	3.19	0.22
03/31/1934	0.08	-0.06	0.08	0.22	1.27	2.02	2.61	2.87	2.86	2.77	2.83	2.87	-0.06
04/30/1934	0.08	0.07	0.09	-0.01	1.09	1.79	2.35	2.58	2.73	2.85	2.84	2.85	-0.01
05/31/1934	0.08	-0.05	0	-0.09	0.82	1.56	2.14	2.39	2.54	2.73	2.81	2.81	-0.09
06/30/1934	0.08	0.04	-0.02	-0.05	0.66	1.36	1.92	2.16	2.45	2.75	2.71	2.75	-0.05
07/31/1934	0.08	0.34	-0.08	-0.01	0.64	1.34	1.89	2.13	2.44	2.72	2.61	2.72	-0.08
08/31/1934	0.08	0.04	0.09	0.18	0.81	1.6	2.22	2.49	2.58	2.61	2.63	2.63	0.04
09/29/1934	0.1	0.11	0.11	0.29	1.59	2.11	2.53	2.71	2.65	2.55	2.65	2.71	0.1
10/31/1934	-0.19	0.19	-0.09	0.19	1.25	1.79	2.21	2.4	2.54	2.63	2.58	2.63	-0.19
11/30/1934	0.12	-0.06	0.04	0.08	1.23	1.79	2.24	2.43	2.34	2.37	2.67	2.67	-0.06

ESTIMATED PAR BOND YIELDS (in %)

Fully Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/31/1934	0.08	0.11	-0.29	0.01	0.87	1.52	2.03	2.25	2.29	2.42	2.63	2.63	-0.29
01/31/1935	-1.76	-1.76	-1.77	0.05	0.65	1.35	1.9	2.14	2.25	2.42	2.55	2.55	-1.77
02/28/1935	-0.61	-0.61	-0.61	-0.61	0.55	1.11	1.56	1.75	2.13	2.54	2.46	2.54	-0.61
03/30/1935	-3.02	-3.02	-1.08	-0.09	0.4	0.99	1.41	1.56	2.07	2.52	2.21	2.52	-3.02
04/30/1935	-2.29	-2.28	-2.33	0.05	0.36	0.92	1.41	1.65	2.11	2.48	2.23	2.48	-2.33
05/31/1935	-2.75	-2.77	-0.94	-0.01	0.34	0.96	1.36	1.47	1.71	2.15	2.33	2.33	-2.77
06/29/1935	-1.11	-1.13	-1.13	-0.09	0.15	0.84	1.31	1.47	1.64	2.07	2.38	2.38	-1.13
07/31/1935	-1.1	-1.1	-1.1	0.06	0.12	0.82	1.28	1.43	1.63	2.07	2.34	2.34	-1.1
08/31/1935	-0.67	-0.67	-0.66	0.05	0.44	1.07	1.5	1.63	1.93	2.31	2.31	2.31	-0.67
09/30/1935	-0.97	-0.96	-0.23	0.13	0.53	1.2	1.53	1.52	1.9	2.37	2.27	2.37	-0.97
10/30/1935	-0.47	-0.47	-0.46	0.08	0.41	1.06	1.37	1.36	1.71	2.19	2.15	2.19	-0.47
11/30/1935	-0.33	-0.32	-0.32	-0.02	0.34	1.04	1.39	1.39	1.72	2.14	2.07	2.14	-0.33
12/31/1935	-0.68	-0.68	-0.67	0.04	0.23	0.94	1.35	1.41	1.64	2.06	2.2	2.2	-0.68
01/31/1936	-0.67	-0.67	-0.67	-0.05	0.32	0.96	1.35	1.42	1.6	1.99	2.2	2.2	-0.67
02/29/1936	-3.6	-1.75	-0.53	-0.19	0.19	0.86	1.29	1.4	1.6	1.99	2.2	2.2	-3.6
03/31/1936	-2.45	-2.45	-0.75	-0.23	0.26	0.86	1.24	1.32	1.58	2.01	2.11	2.11	-2.45
04/30/1936	-4.44	-2.16	-0.67	-0.29	0.25	0.86	1.24	1.33	1.63	2.05	2.09	2.09	-4.44
05/29/1936	-1.6	-1.6	-1.62	0.01	0.28	0.87	1.22	1.29	1.58	2.03	2.11	2.11	-1.62
06/30/1936	-1.53	-1.54	-1.55	0.16	0.41	0.94	1.26	1.31	1.65	2.1	2.09	2.1	-1.55
07/31/1936	-1.68	-1.68	-1.68	0.09	0.42	0.94	1.25	1.31	1.62	2.06	2.09	2.09	-1.68
08/31/1936	-0.76	-0.76	-0.75	-0.76	0.53	0.91	1.18	1.27	1.62	2.08	2.07	2.08	-0.76
09/30/1936	-1.7	-1.7	-1.69	-0.06	0.52	0.96	1.23	1.29	1.56	2.02	2.12	2.12	-1.7
10/31/1936	-5.06	-2.25	-0.61	0.24	0.55	0.99	1.23	1.27	1.57	2.03	2.1	2.1	-5.06
11/30/1936	-3.18	-3.14	-1.15	-0.16	0.45	0.81	1.11	1.26	1.51	1.93	2.08	2.08	-3.18
12/31/1936	-0	-0	-0	-0	0.73	1.01	1.2	1.25	1.57	2	2	2	-0
01/30/1937	0.14	0.14	0.14	0.14	0.88	1.12	1.27	1.31	1.57	1.95	1.95	1.95	0.14
02/27/1937	-5.34	-2.69	-0.65	0.35	0.88	1.17	1.34	1.36	1.62	1.96	1.92	1.96	-5.34
03/31/1937	0.3	0.3	0.3	0.57	1.25	1.49	1.6	1.59	1.73	2.01	2.1	2.1	0.3
04/30/1937	0.07	0.07	0.07	0.55	1.13	1.38	1.61	1.73	1.91	2.16	2.19	2.19	0.07
05/28/1937	-0	-0	-0	0.51	1.07	1.35	1.59	1.72	1.92	2.16	2.18	2.18	-0
06/30/1937	0.1	0.1	0.34	0.45	1.2	1.43	1.64	1.74	1.91	2.18	1.87	2.18	0.1
07/31/1937	-2.74	-1.1	-0.02	0.51	1.03	1.27	1.54	1.72	1.91	2.18	1.87	2.18	-2.74
08/31/1937	0.4	0.4	0.39	0.69	1.32	1.48	1.69	1.85	2.01	2.23	1.91	2.23	0.39
09/30/1937	-0.04	-0.04	-0.04	0.44	0.97	1.31	1.65	1.85	2.02	2.23	1.91	2.23	-0.04

ESTIMATED PAR BOND YIELDS (in %)

Fully Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/30/1937	-0.29	-0.3	-0.29	0.44	0.86	1.23	1.57	1.76	1.92	2.13	1.82	2.13	-0.3
11/30/1937	-0.68	-0.67	-0.68	0.39	0.77	1.16	1.53	1.74	1.91	2.13	1.82	2.13	-0.68
12/31/1937	0.04	0.06	0.08	0.08	0.66	1.02	1.43	1.7	1.9	2.13	1.82	2.13	0.04
01/31/1938	0.06	0.11	-0.03	-0.06	0.64	0.99	1.32	1.49	1.74	2.12	1.85	2.12	-0.06
02/28/1938	0.01	0.21	-0.36	-0.15	0.52	0.9	1.23	1.4	1.68	2.12	1.85	2.12	-0.36
03/31/1938	0.05	0.17	-0.57	-0	0.66	0.93	1.26	1.48	1.74	2.12	1.84	2.12	-0.57
04/30/1938	-0.07	-0.75	-1.29	-0.1	0.37	0.62	1.06	1.41	1.69	2.03	1.75	2.03	-1.29
05/31/1938	-0.07	-1.51	-2.24	-0.34	0.22	0.51	1.02	1.43	1.69	1.97	1.69	1.97	-2.24
06/30/1938	-0.06	-1.03	-1.83	-0.5	0.11	0.44	0.85	1.13	1.47	1.96	1.72	1.96	-1.83
07/30/1938	0.04	-1.21	-2.11	-0.2	0.19	0.52	0.88	1.12	1.42	1.87	1.63	1.87	-2.11
08/31/1938	0.03	-2.12	-2.76	-0.12	0.31	0.61	0.94	1.15	1.44	1.87	1.63	1.87	-2.76
09/30/1938	-0.02	-1.01	-1.76	-0.33	0.28	0.58	1.07	1.45	1.69	1.92	1.64	1.92	-1.76
10/31/1938	-0.07	-2.41	-2.92	-0.53	0.2	0.53	1	1.34	1.61	1.91	1.65	1.91	-2.92
11/30/1938	-0.07	-1.67	-2.7	-0.46	0.11	0.54	1.02	1.33	1.59	1.91	1.65	1.91	-2.7
12/31/1938	-0.15	-1.28	-2.22	-0.55	0.08	0.47	0.92	1.21	1.48	1.83	1.58	1.83	-2.22
01/31/1939	-0.09	-2.03	-3.42	-0.5	0.02	0.45	0.93	1.23	1.45	1.71	1.46	1.71	-3.42
02/28/1939	-0.17	-2.19	-3.57	-0.72	-0.03	0.4	0.89	1.21	1.44	1.71	1.46	1.71	-3.57
03/31/1939	-0.05	-1.41	-2.55	-0.7	-0.06	0.3	0.79	1.14	1.41	1.71	1.47	1.71	-2.55
04/29/1939	0.02	-1.87	-3.32	-0.47	-0.07	0.3	0.79	1.14	1.41	1.71	1.47	1.71	-3.32
05/31/1939	-0.07	-2.21	-3.25	-0.34	-0.04	0.23	0.7	1.09	1.37	1.7	1.46	1.7	-3.25
06/30/1939	-0.08	-1.09	-1.93	-0.19	0.13	0.28	0.7	1.08	1.37	1.69	1.46	1.69	-1.93
07/31/1939	-0.07	-1.46	-2.47	0.04	0.03	0.24	0.69	1.08	1.36	1.69	1.46	1.69	-2.47
08/31/1939	0.03	-0.96	-1.51	0.24	0.32	0.5	0.87	1.18	1.41	1.67	1.43	1.67	-1.51
09/30/1939	0.01	-0.57	-0.17	0.03	0.21	0.84	1.41	1.69	1.9	2.14	1.84	2.14	-0.57
10/31/1939	0.03	-1.69	-0.86	-0.45	0.12	0.43	1.08	1.64	1.47	2.15	3.32	3.32	-1.69
11/30/1939	-0.03	-3.21	-1.38	-0.45	-0.02	0.4	0.9	1.23	1.08	1.95	3.18	3.18	-3.21
12/30/1939	-0.07	-3.93	-1.91	-0.9	-0.16	0.21	0.75	1.14	1.03	1.92	3.15	3.15	-3.93
01/31/1940	-0.08	-4.02	-1.84	-0.75	-0.14	0.25	0.81	1.22	1.09	1.95	3.18	3.18	-4.02
02/29/1940	-0.14	-4.11	-1.89	-0.75	-0.13	0.21	0.77	1.21	1.1	1.96	3.18	3.18	-4.11
03/30/1940	-0.17	-1.3	-0.87	-0.64	-0.09	0.19	0.69	1.09	0.99	1.9	3.14	3.14	-1.3
04/30/1940	-0.17	-0.62	-0.6	-0.58	-0.03	0.24	0.71	1.08	0.97	1.89	3.13	3.13	-0.62
05/31/1940	0.05	-1.17	-0.4	-0.01	0.13	0.62	1.13	1.43	1.24	2.03	3.24	3.24	-1.17
06/29/1940	0.04	-0.73	-1.32	-0.23	0.06	0.45	0.96	1.32	1.16	1.99	3.21	3.21	-1.32
07/31/1940	-0.07	-1.13	-1.46	-0.04	0.03	0.41	0.91	1.26	1.11	1.96	3.19	3.19	-1.46

ESTIMATED PAR BOND YIELDS (in %)

Fully Tax-Exempt, Curve Type: pwcf, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/31/1940	-0.12	-1.67	-2.52	-0.21	-0.08	0.35	0.88	1.24	1.09	1.96	3.18	3.18	-2.52
09/30/1940	-0.15	-2.92	-1.49	-0.77	-0.04	0.31	0.89	1.34	1.2	2.01	3.22	3.22	-2.92
10/31/1940	-0.07	-2.48	-1.41	-0.87	-0.14	0.32	0.81	1.11	1.33	1.59	1.36	1.59	-2.48
11/30/1940	-0.15	-4.95	-2.1	-0.66	-0.16	0.24	0.78	1.16	1.04	1.93	3.16	3.16	-4.95
12/31/1940	-0.17	-5.79	-2.32	-0.57	-0.14	0.26	0.78	1.14	1.02	1.92	3.15	3.15	-5.79
01/31/1941	-0.09	-3.12	-1.53	-0.75	-0.08	0.36	0.83	1.11	0.97	1.89	3.13	3.13	-3.12
02/28/1941	0.04	-3.27	-1.45	-0.5	0.04	0.4	0.92	1.3	1.15	1.99	3.2	3.2	-3.27
03/31/1941	-0.28	-0.65	-0.76	-0.8	0.09	0.41	0.81	1.08	0.94	1.88	3.12	3.12	-0.8
04/30/1941	-1.01	-1.01	-1.02	-1.01	0.14	0.42	0.79	1.05	1.25	1.48	1.26	1.48	-1.02
05/31/1941	-1.59	-1.61	-1.61	-1.6	0.05	0.37	0.77	1.04	1.25	1.48	1.26	1.48	-1.61
06/30/1941	-1.79	-1.81	-1.83	-1.81	0.15	0.32	0.68	0.98	1.21	1.47	1.26	1.47	-1.83
07/31/1941	-2.11	-2.11	-2.12	-2.1	0.18	0.32	0.67	0.98	1.22	1.49	1.27	1.49	-2.12
08/30/1941	-1.9	-1.9	-1.88	-1.9	0.12	0.31	0.68	0.99	1.22	1.48	1.27	1.48	-1.9
09/30/1941	-6.95	-6.81	-2.87	-0.82	0.07	0.32	0.71	1	1.22	1.48	1.26	1.48	-6.95
10/31/1941	-0.63	-0.63	-0.62	-0.63	0.38	0.41	0.68	0.97	1.18	1.42	1.21	1.42	-0.63
11/29/1941	-0.1	-0.1	-0.1	-0.1	0.42	0.61	0.88	1.08	1.24	1.41	1.19	1.41	-0.1
12/31/1941	-0.39	-0.38	0.05	0.26	0.43	0.66	0.98	1.21	1.39	1.59	1.35	1.59	-0.39

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
01/31/1942	0.15	0.26	0.41	0.49	0.53	0.83	1.36	1.79	2.07	2.4	2.53	2.53	0.15
02/28/1942	0.11	0.25	0.38	0.44	0.47	0.81	1.4	1.87	2.15	2.43	2.53	2.53	0.11
03/31/1942	0.1	0.24	0.33	0.37	0.78	0.91	1.36	1.79	2.06	2.37	2.5	2.5	0.1
04/30/1942	0.2	0.37	0.46	0.5	0.88	1	1.44	1.86	2.13	2.41	2.52	2.52	0.2
05/29/1942	0.26	0.38	0.46	0.49	0.88	1.01	1.44	1.86	2.09	2.36	2.51	2.51	0.26
06/30/1942	0.28	0.51	0.8	0.14	0.84	1.07	1.51	1.87	2.11	2.38	2.51	2.51	0.14
07/31/1942	0.33	0.44	0.6	-0.03	0.84	1.13	1.59	1.94	2.13	2.37	2.52	2.52	-0.03
08/31/1942	0.34	0.43	0.52	0.76	1.1	1.21	1.58	1.94	2.14	2.37	2.51	2.51	0.34
09/30/1942	0.35	0.39	0.58	0.88	1.04	1.26	1.65	1.96	2.15	2.38	2.52	2.52	0.35
10/31/1942	0.34	0.38	0.6	0.82	0.98	1.26	1.66	1.96	2.13	2.37	2.53	2.53	0.34
11/30/1942	0.31	0.37	0.58	0.84	0.97	1.27	1.67	1.96	2.15	2.41	2.55	2.55	0.31
12/31/1942	0.35	0.36	0.6	0.86	0.99	1.29	1.68	1.93	2.12	2.39	2.54	2.54	0.35
01/30/1943	0.33	0.44	0.53	0.76	0.86	1.18	1.6	1.9	2.08	2.37	2.55	2.55	0.33
02/27/1943	0.31	0.45	0.59	0.76	0.85	1.2	1.63	1.92	2.09	2.37	2.57	2.57	0.31
03/31/1943	0.33	0.45	0.57	0.83	0.86	1.2	1.64	1.95	2.11	2.38	2.58	2.58	0.33
04/30/1943	0.31	0.47	0.68	0.83	0.96	1.27	1.66	1.93	2.09	2.37	2.56	2.56	0.31
05/29/1943	0.31	0.36	0.67	0.78	0.83	1.19	1.6	1.86	2.05	2.35	2.54	2.54	0.31
06/30/1943	0.32	0.38	0.61	0.74	0.71	1.13	1.57	1.84	2.03	2.35	2.56	2.56	0.32
07/31/1943	0.34	0.38	0.63	0.76	0.72	1.13	1.59	1.87	2.05	2.35	2.58	2.58	0.34
08/31/1943	0.32	0.41	0.71	0.83	0.77	1.16	1.61	1.9	2.07	2.36	2.57	2.57	0.32
09/30/1943	0.33	0.53	0.73	0.79	0.83	1.21	1.62	1.87	2.1	2.4	2.08	2.4	0.33
10/30/1943	0.33	0.42	0.71	0.81	0.85	1.22	1.63	1.9	2.13	2.41	2.09	2.41	0.33
11/30/1943	0.32	0.38	0.73	0.79	0.86	1.23	1.65	1.92	2.15	2.43	2.1	2.43	0.32
12/31/1943	0.32	0.43	0.68	0.79	0.89	1.21	1.63	1.92	2.15	2.44	2.11	2.44	0.32
01/31/1944	0.33	0.51	0.7	0.84	0.92	1.24	1.64	1.91	2.15	2.44	2.11	2.44	0.33
02/29/1944	0.29	0.36	0.74	0.82	0.93	1.25	1.63	1.88	2.12	2.43	2.11	2.43	0.29
03/31/1944	0.31	0.42	0.78	0.81	0.91	1.25	1.64	1.89	2.12	2.43	2.1	2.43	0.31
04/29/1944	0.29	0.4	0.7	0.78	0.94	1.23	1.62	1.9	2.13	2.43	2.11	2.43	0.29
05/31/1944	0.3	0.56	0.74	0.79	0.94	1.24	1.63	1.9	2.13	2.43	2.1	2.43	0.3
06/30/1944	0.32	0.52	0.81	0.76	0.96	1.26	1.65	1.91	2.14	2.44	2.11	2.44	0.32
07/31/1944	0.29	0.53	0.71	0.76	0.93	1.24	1.63	1.9	2.14	2.43	2.11	2.43	0.29
08/31/1944	0.29	0.39	0.69	0.76	0.95	1.24	1.62	1.87	2.11	2.43	2.1	2.43	0.29
09/30/1944	0.33	0.44	0.78	0.78	0.95	1.25	1.63	1.89	2.13	2.43	2.11	2.43	0.33
10/31/1944	0.29	0.46	0.78	0.77	1.02	1.29	1.65	1.91	2.14	2.44	2.11	2.44	0.29
11/30/1944	0.29	0.5	0.81	0.79	1.06	1.32	1.66	1.91	2.14	2.44	2.11	2.44	0.29

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/30/1944	0.29	0.44	0.81	0.82	1.05	1.32	1.67	1.92	2.14	2.43	2.1	2.43	0.29
01/31/1945	0.29	0.48	0.71	0.78	0.97	1.23	1.56	1.78	2.02	2.37	2.05	2.37	0.29
02/28/1945	0.29	0.41	0.69	0.78	0.91	1.17	1.5	1.72	1.97	2.33	2.02	2.33	0.29
03/31/1945	0.32	0.38	0.66	0.78	0.91	1.18	1.48	1.67	1.93	2.33	2.03	2.33	0.32
04/30/1945	0.29	0.47	0.74	0.8	0.97	1.14	1.38	1.56	1.82	2.24	1.96	2.24	0.29
05/31/1945	0.29	0.48	0.77	0.83	1.03	1.21	1.43	1.57	1.82	2.23	1.94	2.23	0.29
06/30/1945	0.33	0.58	0.8	0.83	1.05	1.17	1.36	1.51	1.76	2.15	1.87	2.15	0.33
07/31/1945	0.3	0.43	0.87	0.83	1.1	1.22	1.41	1.56	1.81	2.2	1.91	2.2	0.3
08/31/1945	0.32	0.53	0.84	0.85	1.04	1.22	1.41	1.54	1.79	2.2	1.92	2.2	0.32
09/29/1945	0.32	0.57	0.85	0.86	1.03	1.22	1.41	1.52	1.77	2.18	1.9	2.18	0.32
10/31/1945	0.29	0.54	0.85	0.85	1	1.17	1.35	1.46	1.71	2.13	1.86	2.13	0.29
11/30/1945	0.33	0.63	0.86	0.88	1.03	1.13	1.28	1.39	1.65	2.08	1.81	2.08	0.33
12/31/1945	0.35	0.5	0.86	0.85	0.99	1.1	1.23	1.31	1.55	1.97	1.71	1.97	0.35
01/31/1946	0.31	0.45	0.78	0.79	0.89	1	1.15	1.26	1.52	1.96	1.71	1.96	0.31
02/28/1946	0.33	0.45	0.72	0.77	0.79	0.9	1.1	1.25	1.52	1.96	1.71	1.96	0.33
03/30/1946	0.33	0.56	0.82	0.8	0.92	1.03	1.16	1.26	1.51	1.96	1.71	1.96	0.33
04/30/1946	0.34	0.54	0.86	0.86	1	1.13	1.3	1.42	1.66	2.06	1.79	2.06	0.34
05/31/1946	0.34	0.57	0.87	0.84	1.01	1.14	1.32	1.44	1.68	2.08	1.81	2.08	0.34
06/28/1946	0.33	0.68	0.87	0.83	0.97	1.07	1.25	1.39	1.65	2.05	1.79	2.05	0.33
07/31/1946	0.33	0.62	0.88	0.84	0.98	1.1	1.28	1.42	1.68	2.09	1.82	2.09	0.33
08/30/1946	0.33	0.58	0.87	0.87	1.03	1.16	1.35	1.5	1.76	2.17	1.89	2.17	0.33
09/30/1946	0.35	0.59	0.89	0.86	1.12	1.25	1.43	1.57	1.81	2.19	1.9	2.19	0.35
10/31/1946	0.32	0.56	0.88	0.84	1.04	1.2	1.42	1.57	1.8	2.16	1.87	2.16	0.32
11/30/1946	0.34	0.69	0.87	0.86	1.11	1.27	1.5	1.67	1.88	2.2	1.91	2.2	0.34
12/31/1946	0.32	0.46	0.83	0.86	1.03	1.2	1.41	1.56	1.79	2.13	1.84	2.13	0.32
01/31/1947	0.32	0.42	0.82	0.86	0.98	1.17	1.38	1.51	1.75	2.14	1.86	2.14	0.32
02/28/1947	0.33	0.55	0.83	0.87	0.98	1.18	1.38	1.49	1.73	2.14	1.86	2.14	0.33
03/31/1947	0.34	0.59	0.78	0.84	0.97	1.16	1.36	1.48	1.73	2.14	1.87	2.14	0.34
04/30/1947	0.32	0.59	0.86	0.89	1.08	1.23	1.4	1.5	1.75	2.18	1.9	2.18	0.32
05/29/1947	0.33	0.69	0.88	0.88	1.1	1.23	1.39	1.49	1.74	2.17	1.9	2.17	0.33
06/30/1947	0.34	0.6	0.87	0.87	1.1	1.26	1.43	1.53	1.77	2.18	1.9	2.18	0.34
07/31/1947	0.33	0.76	0.83	0.88	1.13	1.28	1.43	1.51	1.75	2.15	1.87	2.15	0.33
08/29/1947	0.32	0.75	0.83	0.89	1.11	1.23	1.37	1.47	1.71	2.11	1.84	2.11	0.32
09/30/1947	0.76	0.83	0.81	0.96	1.16	1.27	1.41	1.51	1.75	2.16	1.88	2.16	0.76

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/31/1947	0.79	0.86	0.85	1	1.28	1.42	1.55	1.63	1.84	2.19	1.9	2.19	0.79
11/28/1947	0.83	0.91	0.92	1.04	1.32	1.47	1.64	1.75	1.97	2.31	2.01	2.31	0.83
12/31/1947	0.88	0.91	0.94	1.08	1.27	1.51	1.81	2.02	2.21	2.45	2.11	2.45	0.88
01/30/1948	0.94	0.97	0.96	1.11	1.28	1.52	1.82	2.03	2.21	2.45	2.11	2.45	0.94
02/27/1948	0.96	0.96	0.99	1.11	1.25	1.51	1.8	1.99	2.18	2.44	2.1	2.44	0.96
03/31/1948	0.97	0.98	1.03	1.11	1.27	1.51	1.78	1.95	2.15	2.43	2.1	2.43	0.97
04/30/1948	1	0.98	1.05	1.12	1.29	1.51	1.76	1.92	2.12	2.42	2.09	2.42	0.98
05/28/1948	1	0.99	1.02	1.12	1.21	1.41	1.64	1.78	2	2.34	2.03	2.34	0.99
06/30/1948	0.99	0.99	1.04	1.11	1.33	1.49	1.74	1.92	2.12	2.41	2.08	2.41	0.99
07/30/1948	1	0.99	1.02	1.14	1.31	1.55	1.82	1.99	2.17	2.43	2.1	2.43	0.99
08/31/1948	1.05	0.95	1.12	1.17	1.33	1.59	1.86	2.02	2.2	2.45	2.11	2.45	0.95
09/30/1948	0.58	1.08	1.13	1.24	1.41	1.61	1.89	2.08	2.23	2.4	2.05	2.4	0.58
10/29/1948	1.07	1	1.13	1.28	1.46	1.65	1.91	2.11	2.26	2.43	2.08	2.43	1
11/30/1948	0.64	1.08	1.1	1.25	1.42	1.59	1.86	2.05	2.2	2.37	2.03	2.37	0.64
12/31/1948	1.13	1.12	1.17	1.22	1.42	1.54	1.79	2	2.16	2.35	2.01	2.35	1.12
01/31/1949	1.13	1.15	1.18	1.22	1.43	1.48	1.71	1.94	2.11	2.3	1.97	2.3	1.13
02/28/1949	1.12	1.15	1.2	1.22	1.43	1.5	1.72	1.94	2.1	2.29	1.95	2.29	1.12
03/31/1949	1.13	1.17	1.19	1.23	1.47	1.45	1.64	1.88	2.05	2.24	1.92	2.24	1.13
04/29/1949	1.12	1.16	1.19	1.17	1.43	1.43	1.64	1.87	2.04	2.24	1.92	2.24	1.12
05/31/1949	1.12	1.16	1.18	1.2	1.44	1.39	1.59	1.84	2.03	2.25	1.93	2.25	1.12
06/30/1949	1.06	1.08	1.11	1.11	1.37	1.23	1.42	1.71	1.92	2.17	1.86	2.17	1.06
07/29/1949	1	1.01	1.04	1.02	1.3	1.17	1.37	1.68	1.9	2.16	1.86	2.16	1
08/31/1949	1.03	1.04	1.04	1.04	1.26	1.14	1.34	1.63	1.84	2.09	1.79	2.09	1.03
09/30/1949	1.05	1.06	1.08	1.07	1.28	1.14	1.33	1.64	1.87	2.13	1.83	2.13	1.05
10/31/1949	1.03	1.07	1.08	1.07	1.29	1.13	1.33	1.64	1.87	2.14	1.84	2.14	1.03
11/30/1949	1.06	1.09	1.11	1.08	1.32	1.13	1.31	1.63	1.87	2.14	1.84	2.14	1.06
12/30/1949	1.07	1.07	1.09	1.08	1.26	1.19	1.4	1.67	1.87	2.1	1.8	2.1	1.07
01/31/1950	1.1	1.12	1.11	1.1	1.31	1.26	1.47	1.74	1.93	2.16	1.85	2.16	1.1
02/28/1950	1.13	1.14	1.13	1.14	1.32	1.28	1.49	1.75	1.94	2.15	1.84	2.15	1.13
03/31/1950	1.11	1.14	1.16	1.11	1.37	1.31	1.5	1.76	1.94	2.16	1.85	2.16	1.11
04/28/1950	1.15	1.16	1.18	1.14	1.4	1.35	1.54	1.78	1.96	2.16	1.85	2.16	1.14
05/31/1950	1.16	1.17	1.17	1.2	1.36	1.33	1.53	1.77	1.95	2.15	1.84	2.15	1.16
06/30/1950	1.15	1.15	1.2	1.21	1.39	1.36	1.57	1.81	1.99	2.19	1.88	2.19	1.15
07/31/1950	1.16	1.19	1.18	1.23	1.36	1.32	1.52	1.77	1.96	2.17	1.85	2.17	1.16

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/31/1950	1.29	1.31	1.27	1.33	1.48	1.38	1.55	1.79	1.97	2.17	1.86	2.17	1.27
09/29/1950	1.32	1.34	1.33	1.35	1.58	1.49	1.64	1.87	2.04	2.24	1.91	2.24	1.32
10/31/1950	1.29	1.37	1.39	1.48	1.67	1.59	1.73	1.95	2.11	2.29	1.96	2.29	1.29
11/30/1950	1.37	1.38	1.41	1.5	1.63	1.58	1.74	1.95	2.1	2.28	1.95	2.28	1.37
12/29/1950	1.36	1.3	1.46	1.54	1.59	1.6	1.78	1.97	2.12	2.28	1.95	2.28	1.3
01/31/1951	1.33	1.38	1.42	1.6	1.63	1.63	1.79	1.97	2.1	2.25	1.92	2.25	1.33
02/28/1951	1.32	1.42	1.43	1.63	1.64	1.65	1.82	2.01	2.16	2.32	1.98	2.32	1.32
03/30/1951	1.49	1.52	1.46	1.99	2.03	2	2.1	2.24	2.34	2.46	2.09	2.46	1.46
04/30/1951	1.38	1.33	1.65	1.79	2.07	1.97	2.07	2.25	2.38	2.52	2.16	2.52	1.33
05/31/1951	1.41	1.54	1.7	1.95	2.07	2.01	2.12	2.29	2.41	2.55	2.18	2.55	1.41
06/29/1951	1.48	1.51	1.43	1.83	2.03	1.97	2.11	2.3	2.44	2.6	2.23	2.6	1.43
07/31/1951	1.55	1.53	1.52	1.79	1.93	1.89	2.04	2.23	2.37	2.53	2.16	2.53	1.52
08/31/1951	1.58	1.65	1.72	1.77	1.78	1.8	1.99	2.2	2.35	2.52	2.16	2.52	1.58
09/28/1951	1.63	1.63	1.76	1.84	1.88	1.97	2.16	2.31	2.42	2.55	2.18	2.55	1.63
10/31/1951	1.37	1.63	1.56	1.8	1.9	1.97	2.14	2.3	2.42	2.56	2.19	2.56	1.37
11/30/1951	1.41	1.63	1.53	1.81	1.95	1.98	2.17	2.35	2.49	2.65	2.27	2.65	1.41
12/31/1951	1.73	1.79	1.68	1.97	2.1	2.12	2.27	2.42	2.53	2.66	2.28	2.66	1.68
01/31/1952	1.34	1.56	1.69	1.75	1.92	1.98	2.17	2.36	2.49	2.65	2.27	2.65	1.34
02/29/1952	1.27	1.64	1.68	1.73	1.97	2.05	2.24	2.4	2.52	2.66	2.28	2.66	1.27
03/31/1952	1.44	1.49	1.52	1.66	1.74	1.92	2.17	2.36	2.5	2.65	2.28	2.65	1.44
04/30/1952	1.64	1.63	1.5	1.65	1.73	1.87	2.09	2.27	2.4	2.56	2.19	2.56	1.5
05/29/1952	1.68	1.67	1.57	1.71	1.79	1.91	2.12	2.3	2.43	2.59	2.22	2.59	1.57
06/30/1952	1.78	1.79	1.8	1.86	1.9	2.03	2.23	2.37	2.48	2.6	2.22	2.6	1.78
07/31/1952	1.85	1.87	1.87	1.94	2.03	2.12	2.28	2.4	2.5	2.61	2.23	2.61	1.85
08/29/1952	1.7	1.87	1.91	1.99	2.16	2.18	2.32	2.46	2.57	2.69	2.31	2.69	1.7
09/30/1952	1.57	1.78	1.81	2	2.18	2.2	2.35	2.52	2.65	2.79	2.4	2.79	1.57
10/31/1952	1.52	1.82	1.75	1.9	2.16	2.17	2.31	2.45	2.56	2.69	2.3	2.69	1.52
11/28/1952	1.73	1.94	2.01	2.06	2.24	2.23	2.35	2.49	2.59	2.7	2.31	2.7	1.73
12/31/1952	2	2.04	1.94	2.03	2.28	2.25	2.38	2.53	2.64	2.77	2.37	2.77	1.94
01/30/1953	1.83	1.89	1.89	1.99	2.21	2.22	2.35	2.49	2.63	2.82	2.43	2.82	1.83
02/27/1953	2	2.04	1.93	2.11	2.28	2.28	2.41	2.55	2.7	2.9	2.5	2.9	1.93
03/31/1953	2	2.04	2.01	2.16	2.26	2.34	2.48	2.61	2.76	2.96	2.56	2.96	2
04/30/1953	2.12	2.27	2.29	2.46	2.49	2.48	2.66	2.86	2.96	3.03	3.28	3.28	2.12
05/29/1953	1.88	2.31	2.42	2.65	2.67	2.71	2.93	3.17	3.22	3.17	3.32	3.32	1.88

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
06/30/1953	1.69	2.01	2.14	2.38	2.47	2.53	2.71	2.9	2.98	3.04	3.29	3.29	1.69
07/31/1953	1.95	2.1	2.11	2.39	2.29	2.48	2.68	2.8	2.94	3.13	3.19	3.19	1.95
08/31/1953	1.8	1.9	2.09	2.39	2.18	2.49	2.74	2.84	2.96	3.13	3.19	3.19	1.8
09/30/1953	1.35	1.53	1.71	2.02	2.16	2.33	2.44	2.47	2.64	2.97	3.08	3.08	1.35
10/30/1953	0.93	1.23	1.29	1.71	1.92	2.14	2.33	2.41	2.6	2.92	3.02	3.02	0.93
11/30/1953	1.21	1.48	1.46	1.55	1.99	2.16	2.38	2.53	2.7	2.94	3.02	3.02	1.21
12/31/1953	1.29	1.39	1.19	1.58	1.9	2.02	2.18	2.31	2.51	2.83	2.93	2.93	1.19
01/29/1954	0.95	0.79	0.72	1.14	1.51	1.72	2.02	2.25	2.46	2.74	2.83	2.83	0.72
02/26/1954	0.84	0.87	0.66	1.1	1.3	1.56	1.97	2.28	2.47	2.65	2.71	2.71	0.66
03/31/1954	0.97	1.02	0.6	1.02	1.34	1.55	1.92	2.23	2.43	2.69	2.82	2.82	0.6
04/30/1954	0.65	0.61	0.04	0.85	1.2	1.44	1.8	2.07	2.33	2.67	2.75	2.75	0.04
05/28/1954	0.59	0.61	0.54	0.77	1.31	1.62	2.01	2.27	2.46	2.66	2.72	2.72	0.54
06/30/1954	0.59	0.6	0.59	0.59	1.11	1.44	1.87	2.18	2.4	2.66	2.31	2.66	0.59
07/30/1954	0.64	0.66	0.67	0.4	1.18	1.49	1.91	2.19	2.39	2.59	2.23	2.59	0.4
08/31/1954	1.04	0.98	0.84	0.66	1.24	1.54	1.95	2.25	2.43	2.61	2.25	2.61	0.66
09/30/1954	0.87	0.98	0.85	0.82	1.44	1.68	2.02	2.28	2.44	2.62	2.27	2.62	0.82
10/29/1954	0.77	0.99	0.99	0.99	1.56	1.79	2.1	2.32	2.44	2.62	2.28	2.62	0.77
11/30/1954	0.89	1.01	0.98	0.96	1.57	1.79	2.08	2.3	2.45	2.66	2.31	2.66	0.89
12/31/1954	0.97	1	0.85	1.17	1.63	1.86	2.15	2.34	2.48	2.65	2.28	2.65	0.85
01/31/1955	1.1	1.11	1.11	1.32	1.82	2	2.25	2.44	2.59	2.77	2.38	2.77	1.1
02/28/1955	1.08	1.32	1.33	1.72	2.16	2.27	2.44	2.56	2.67	2.85	2.96	2.96	1.08
03/31/1955	1.27	1.38	1.4	1.5	2.11	2.26	2.44	2.57	2.66	2.82	2.93	2.93	1.27
04/29/1955	1.46	1.54	1.54	1.69	2.17	2.33	2.5	2.61	2.7	2.84	2.94	2.94	1.46
05/31/1955	1.04	1.4	1.46	1.82	2.15	2.31	2.49	2.6	2.69	2.81	2.91	2.91	1.04
06/30/1955	1.28	1.5	1.58	1.82	2.25	2.42	2.61	2.72	2.8	2.88	2.95	2.95	1.28
07/29/1955	1.72	1.81	1.78	2.02	2.49	2.61	2.78	2.91	2.96	2.99	3.03	3.03	1.72
08/31/1955	1.99	2.13	1.95	2.21	2.61	2.73	2.84	2.91	2.93	2.98	3.04	3.04	1.95
09/30/1955	2.17	2.19	2.1	2.19	2.41	2.58	2.73	2.81	2.85	2.94	3	3	2.1
10/31/1955	2.06	2.11	2.03	2.25	2.41	2.54	2.66	2.72	2.77	2.87	2.96	2.96	2.03
11/30/1955	2.06	2.45	2.28	2.58	2.74	2.75	2.8	2.83	2.86	2.93	2.99	2.99	2.06
12/30/1955	2.47	2.53	2.61	2.66	2.81	2.82	2.85	2.88	2.9	2.93	2.97	2.97	2.47
01/31/1956	2.29	2.37	2.34	2.3	2.57	2.62	2.7	2.76	2.8	2.88	2.95	2.95	2.29
02/29/1956	1.98	2.35	2.36	2.47	2.64	2.67	2.73	2.78	2.82	2.9	2.96	2.96	1.98
03/29/1956	2.24	2.3	2.3	2.64	2.93	2.94	2.99	3.04	3.04	3.02	3.05	3.05	2.24

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
04/30/1956	2.66	2.7	2.74	2.96	3.25	3.15	3.11	3.11	3.09	3.1	3.13	3.25	2.66
05/31/1956	2.33	2.58	2.56	2.84	2.94	2.93	2.92	2.92	2.92	2.97	3.02	3.02	2.33
06/29/1956	2.33	2.46	2.46	2.58	2.86	2.87	2.92	2.97	2.96	2.97	3.01	3.01	2.33
07/31/1956	2.1	2.41	2.61	2.85	3.16	3.16	3.19	3.22	3.17	3.13	3.15	3.22	2.1
08/31/1956	2.42	2.72	2.95	3.12	3.41	3.45	3.44	3.42	3.36	3.27	3.25	3.45	2.42
09/28/1956	2.72	2.97	3.12	3.18	3.45	3.43	3.38	3.33	3.29	3.24	3.24	3.45	2.72
10/31/1956	2.6	2.97	2.92	3.17	3.37	3.4	3.42	3.44	3.39	3.31	3.3	3.44	2.6
11/30/1956	2.61	3.12	3.2	3.39	3.74	3.66	3.57	3.52	3.46	3.38	3.35	3.74	2.61
12/31/1956	3.13	3.35	3.22	3.53	3.65	3.63	3.61	3.61	3.62	3.56	3.48	3.65	3.13
01/31/1957	3.07	3.2	3.04	3.16	3.33	3.32	3.3	3.28	3.26	3.26	3.28	3.33	3.04
02/28/1957	2.92	3.39	3.25	3.36	3.46	3.45	3.4	3.35	3.35	3.34	3.3	3.46	2.92
03/29/1957	2.88	3.11	3.05	3.36	3.38	3.42	3.4	3.36	3.33	3.31	3.32	3.42	2.88
04/30/1957	3.09	3.1	3.14	3.5	3.49	3.55	3.58	3.57	3.52	3.45	3.45	3.58	3.09
05/31/1957	3.16	3.4	3.32	3.53	3.55	3.65	3.71	3.72	3.67	3.55	3.49	3.72	3.16
06/27/1957	3.01	3.42	3.72	3.61	3.79	3.84	3.91	3.98	3.92	3.73	3.64	3.98	3.01
07/31/1957	3.15	3.46	3.6	3.88	3.79	3.9	3.98	4	3.89	3.69	3.65	4	3.15
08/30/1957	3.12	3.62	4.07	3.91	3.96	3.92	3.88	3.86	3.8	3.69	3.66	4.07	3.12
09/30/1957	3.14	3.63	4.05	4.08	3.93	4	3.97	3.9	3.88	3.78	3.65	4.08	3.14
10/31/1957	3.4	3.79	3.82	3.88	3.88	4	3.95	3.83	3.84	3.81	3.68	4	3.4
11/29/1957	2.55	3.2	3.25	3.39	3.14	3.27	3.25	3.17	3.26	3.49	3.44	3.49	2.55
12/31/1957	2.77	2.81	2.92	2.79	2.7	2.76	2.81	2.84	2.99	3.27	3.27	3.27	2.7
01/31/1958	1.5	1.44	1.88	2.1	2.36	2.63	2.79	2.82	3	3.35	3.11	3.35	1.44
02/28/1958	1.11	1.27	1.36	1.72	1.93	2.32	2.58	2.66	2.88	3.26	3.33	3.33	1.11
03/31/1958	0.98	1.18	1.34	1.63	1.9	2.25	2.53	2.66	2.83	3.31	3.35	3.35	0.98
04/30/1958	1.16	1.17	1	1.39	1.59	2.04	2.4	2.55	2.78	3.18	3.21	3.21	1
05/29/1958	0.33	0.45	0.44	1.89	1.52	1.97	2.34	2.52	2.77	3.18	3.19	3.19	0.33
06/30/1958	0.68	0.79	1.18	1.03	1.64	2.19	2.57	2.7	2.95	3.29	3.28	3.29	0.68
07/31/1958	0.71	0.9	1.35	1.51	1.88	2.44	2.83	2.96	3.15	3.46	3.45	3.46	0.71
08/29/1958	1.84	2.41	2.58	2.7	3.24	3.49	3.64	3.67	3.72	3.81	3.71	3.81	1.84
09/30/1958	1.83	2.88	3.25	2.96	3.37	3.62	3.73	3.73	3.78	3.88	3.79	3.88	1.83
10/31/1958	1.65	2.65	2.67	2.88	3.37	3.61	3.75	3.78	3.79	3.79	3.84	3.84	1.65
11/28/1958	1.96	2.73	2.88	3.17	3.32	3.51	3.6	3.59	3.64	3.73	3.76	3.76	1.96
12/31/1958	2.42	2.74	2.96	2.96	3.36	3.63	3.83	3.91	3.93	3.9	3.89	3.93	2.42
01/30/1959	2.43	2.73	3.06	3.52	3.63	3.86	3.97	3.97	3.98	4	3.99	4	2.43

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
02/27/1959	2.35	2.83	3.05	3.45	3.63	3.75	3.81	3.81	3.86	3.95	3.98	3.98	2.35
03/31/1959	2.38	2.81	3.29	3.63	3.78	3.94	4.01	4	4	4.02	4.04	4.04	2.38
04/30/1959	2.73	2.85	3.35	3.85	3.87	4.08	4.23	4.28	4.25	4.14	4.11	4.28	2.73
05/29/1959	2.7	2.99	3.57	4	3.99	4.19	4.3	4.32	4.28	4.17	4.15	4.32	2.7
06/30/1959	2.72	3.04	3.83	4.07	4.24	4.44	4.48	4.42	4.35	4.22	4.07	4.48	2.72
07/31/1959	2.32	3.01	3.85	4.31	4.27	4.44	4.51	4.47	4.4	4.21	4.02	4.51	2.32
08/31/1959	3.5	3.81	4.55	4.55	4.64	4.72	4.75	4.73	4.62	4.32	4.13	4.75	3.5
09/30/1959	3.45	4.19	5.05	4.94	4.86	4.87	4.8	4.72	4.61	4.34	4.13	5.05	3.45
10/30/1959	3.08	4.17	4.37	4.36	4.47	4.59	4.58	4.5	4.44	4.21	4.16	4.59	3.08
11/30/1959	3.06	4.41	5.01	4.81	4.84	4.88	4.77	4.62	4.54	4.34	4.13	5.01	3.06
12/31/1959	4.16	4.48	5.15	4.8	5.03	4.98	4.94	4.92	4.82	4.55	4.48	5.15	4.16
01/29/1960	3.49	4.15	4.62	4.54	4.67	4.74	4.77	4.75	4.66	4.47	4.45	4.77	3.49
02/29/1960	3.92	4.38	4.51	4.53	4.57	4.68	4.7	4.66	4.55	4.37	4.38	4.7	3.92
03/31/1960	2.56	3.05	3.51	3.57	3.87	3.99	4.09	4.15	4.15	4.14	4.11	4.15	2.56
04/29/1960	3.01	3.04	3.5	4.19	4.18	4.36	4.38	4.31	4.3	4.31	4.25	4.38	3.01
05/31/1960	2.37	3.22	3.43	4.04	4.2	4.31	4.34	4.31	4.26	4.2	4.14	4.34	2.37
06/30/1960	1.59	2.18	2.64	3.23	3.59	3.81	3.96	4.01	4.09	4	3.98	4.09	1.59
07/29/1960	1.81	2.24	2.58	2.94	2.95	3.25	3.46	3.53	3.69	3.78	3.79	3.79	1.81
08/31/1960	1.76	2.36	2.72	2.94	2.97	3.31	3.54	3.62	3.76	3.85	3.9	3.9	1.76
09/30/1960	2.45	2.42	2.97	2.85	2.9	3.32	3.58	3.63	3.74	3.84	3.91	3.91	2.42
10/31/1960	1.53	2.27	2.58	2.92	3.01	3.36	3.64	3.74	3.84	3.89	3.93	3.93	1.53
11/30/1960	1.53	2.38	2.76	3.1	3.21	3.58	3.85	3.96	4.03	4.02	4.03	4.03	1.53
12/30/1960	2.04	2.22	2.44	2.62	2.76	3.13	3.44	3.58	3.72	3.83	3.87	3.87	2.04
01/31/1961	2	2.24	2.48	2.8	3.05	3.42	3.68	3.77	3.88	3.94	3.97	3.97	2
02/28/1961	2.48	2.59	2.82	2.99	3.11	3.37	3.56	3.64	3.74	3.82	3.84	3.84	2.48
03/30/1961	2.15	2.41	2.62	2.91	2.99	3.31	3.58	3.71	3.81	3.86	3.86	3.86	2.15
04/28/1961	1.78	2.23	2.45	2.86	3.02	3.22	3.47	3.65	3.74	3.81	3.81	3.81	1.78
05/31/1961	2.29	2.39	2.65	2.91	3.2	3.38	3.59	3.73	3.81	3.82	3.8	3.82	2.29
06/30/1961	2.07	2.33	2.57	2.93	3.27	3.54	3.77	3.87	3.93	3.96	3.97	3.97	2.07
07/31/1961	1.63	2.27	2.48	2.82	3.23	3.57	3.84	3.97	4	3.96	3.97	4	1.63
08/31/1961	2.04	2.24	2.7	2.99	3.36	3.68	3.92	4	4.04	4.06	4.09	4.09	2.04
09/29/1961	2.01	2.27	2.72	2.93	3.32	3.59	3.78	3.85	3.91	4.02	4.09	4.09	2.01
10/31/1961	1.98	2.34	2.66	2.92	3.28	3.52	3.75	3.88	3.93	4	4.07	4.07	1.98
11/30/1961	2.28	2.53	2.82	2.99	3.36	3.59	3.83	3.98	4.04	4.07	4.1	4.1	2.28

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/29/1961	2.54	2.72	2.98	3.11	3.46	3.68	3.91	4.05	4.12	4.13	4.15	4.15	2.54
01/31/1962	2.43	2.73	2.95	3.27	3.57	3.78	4	4.13	4.18	4.17	4.16	4.18	2.43
02/28/1962	2.49	2.78	2.97	3.16	3.33	3.54	3.78	3.94	4.06	4.15	4.16	4.16	2.49
03/30/1962	2.7	2.81	2.95	2.87	3.2	3.39	3.62	3.77	3.88	4	4.04	4.04	2.7
04/30/1962	2.74	2.79	2.86	2.99	3.27	3.45	3.61	3.69	3.79	3.92	3.95	3.95	2.74
05/31/1962	2.39	2.79	2.8	2.98	3.16	3.38	3.62	3.78	3.87	3.92	3.99	3.99	2.39
06/29/1962	2.94	2.98	3.03	3.09	3.37	3.54	3.77	3.94	4	4.01	4.07	4.07	2.94
07/31/1962	2.73	2.94	3.13	3.26	3.45	3.61	3.83	3.97	4.05	4.08	4.14	4.14	2.73
08/31/1962	2.72	2.85	3.03	3.1	3.17	3.39	3.67	3.85	3.95	4.01	4.03	4.03	2.72
09/28/1962	2.75	2.83	2.97	2.95	3.08	3.36	3.66	3.85	3.94	3.99	3.99	3.99	2.75
10/31/1962	2.55	2.82	2.85	2.95	3.1	3.36	3.62	3.77	3.87	3.94	3.94	3.94	2.55
11/30/1962	2.67	2.92	3.01	2.99	3.25	3.38	3.59	3.77	3.87	3.96	3.94	3.96	2.67
12/31/1962	3.04	3.01	3.02	2.99	3.31	3.37	3.55	3.73	3.84	3.94	3.96	3.96	2.99
01/31/1963	2.9	3	3.02	3.03	3.14	3.4	3.63	3.75	3.85	3.97	4	4	2.9
02/28/1963	2.87	2.99	3.04	2.99	3.16	3.41	3.66	3.79	3.91	3.99	4.02	4.02	2.87
03/29/1963	2.87	2.99	3.1	2.97	3.16	3.44	3.7	3.82	3.94	4.02	4.03	4.03	2.87
04/30/1963	2.91	2.98	3.08	3.12	3.22	3.47	3.71	3.83	3.94	4.07	4.08	4.08	2.91
05/31/1963	2.91	3.11	3.16	3.17	3.26	3.53	3.76	3.87	3.96	4.06	4.06	4.06	2.91
06/28/1963	3.01	3.11	3.18	3.14	3.28	3.57	3.82	3.93	4	4.07	4.07	4.07	3.01
07/31/1963	3.15	3.4	3.45	3.42	3.53	3.73	3.89	3.96	4	4.06	4.05	4.06	3.15
08/30/1963	3.29	3.5	3.54	3.62	3.64	3.79	3.93	4.01	4.04	4.07	4.05	4.07	3.29
09/30/1963	3.54	3.57	3.61	3.62	3.64	3.79	3.94	4.02	4.07	4.1	4.13	4.13	3.54
10/31/1963	3.43	3.67	3.68	3.67	3.74	3.87	4.01	4.08	4.13	4.15	4.17	4.17	3.43
11/29/1963	3.2	3.61	3.76	3.76	3.82	3.9	3.99	4.04	4.1	4.17	4.19	4.19	3.2
12/31/1963	3.6	3.65	3.77	3.84	3.93	4	4.06	4.09	4.14	4.22	4.22	4.22	3.6
01/31/1964	3.5	3.61	3.7	3.71	3.94	3.96	4.04	4.12	4.17	4.21	4.2	4.21	3.5
02/28/1964	3.59	3.69	3.84	3.89	4.04	4.04	4.1	4.17	4.21	4.22	4.21	4.22	3.59
03/31/1964	3.61	3.65	3.83	3.9	4.15	4.15	4.19	4.22	4.25	4.28	4.24	4.28	3.61
04/30/1964	3.42	3.52	3.72	3.84	4	4.07	4.14	4.18	4.23	4.27	4.23	4.27	3.42
05/28/1964	3.24	3.56	3.7	3.85	3.97	3.99	4.07	4.14	4.19	4.22	4.2	4.22	3.24
06/30/1964	3.49	3.61	3.67	3.82	3.82	3.92	4.03	4.09	4.14	4.19	4.17	4.19	3.49
07/31/1964	3.44	3.62	3.69	3.75	3.73	3.87	4.03	4.12	4.18	4.23	4.2	4.23	3.44
08/31/1964	3.35	3.62	3.7	3.84	3.84	3.93	4.06	4.14	4.19	4.25	4.21	4.25	3.35
09/30/1964	3.66	3.71	3.84	3.89	3.89	3.94	4.03	4.11	4.18	4.24	4.21	4.24	3.66

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/30/1964	3.54	3.71	3.8	3.93	3.91	3.97	4.06	4.12	4.16	4.21	4.19	4.21	3.54
11/30/1964	3.7	3.94	4.13	4.19	4.09	4.09	4.13	4.17	4.2	4.24	4.21	4.24	3.7
12/31/1964	3.65	3.94	4.05	4.03	3.96	3.97	4.06	4.15	4.2	4.25	4.22	4.25	3.65
01/29/1965	3.92	4	4.08	4.01	3.95	3.98	4.06	4.13	4.19	4.24	4.21	4.24	3.92
02/26/1965	3.92	4.12	4.14	4.13	4.08	4.06	4.11	4.18	4.21	4.24	4.22	4.24	3.92
03/31/1965	3.9	4.07	4.12	4.09	4.02	4.06	4.12	4.16	4.19	4.23	4.21	4.23	3.9
04/30/1965	3.99	4.06	4.13	4.07	4.02	4.05	4.11	4.17	4.2	4.24	4.21	4.24	3.99
05/28/1965	3.85	3.99	4.11	4.07	4.01	4.04	4.11	4.19	4.22	4.24	4.22	4.24	3.85
06/30/1965	3.86	3.98	4.02	3.95	3.92	3.99	4.09	4.16	4.2	4.23	4.21	4.23	3.86
07/30/1965	3.93	3.98	4.05	3.99	3.99	4.04	4.12	4.19	4.22	4.25	4.23	4.25	3.93
08/31/1965	3.89	4.01	4.11	4.15	4.1	4.15	4.21	4.25	4.29	4.32	4.29	4.32	3.89
09/30/1965	4.09	4.2	4.36	4.33	4.29	4.29	4.31	4.34	4.37	4.38	4.34	4.38	4.09
10/29/1965	4.06	4.25	4.35	4.33	4.27	4.31	4.36	4.4	4.42	4.4	4.37	4.42	4.06
11/30/1965	3.97	4.24	4.42	4.43	4.37	4.37	4.41	4.47	4.48	4.45	4.4	4.48	3.97
12/31/1965	4.6	4.67	4.82	4.91	4.95	4.87	4.79	4.74	4.67	4.56	4.51	4.95	4.51
01/31/1966	4.62	4.79	4.85	4.87	4.91	4.89	4.86	4.83	4.74	4.62	4.55	4.91	4.55
02/28/1966	4.59	4.83	5.06	4.96	5	4.99	5.06	5.16	5.05	4.86	4.77	5.16	4.59
03/31/1966	4.41	4.67	4.89	4.81	4.82	4.75	4.75	4.8	4.74	4.66	4.58	4.89	4.41
04/29/1966	4.74	4.79	4.9	4.95	4.9	4.82	4.83	4.87	4.82	4.72	4.62	4.95	4.62
05/31/1966	4.56	4.86	5.01	5.08	5.07	5.02	4.96	4.92	4.84	4.76	4.71	5.08	4.56
06/30/1966	4.59	4.69	4.96	5.01	5.08	5.13	5.11	5.07	5	4.87	4.74	5.13	4.59
07/29/1966	4.68	4.97	5.15	5.23	5.23	5.24	5.25	5.26	5.12	4.9	4.76	5.26	4.68
08/31/1966	4.92	5.22	5.73	5.79	5.84	5.77	5.64	5.53	5.33	5.05	4.89	5.84	4.89
09/30/1966	5.49	5.7	5.92	5.69	5.5	5.42	5.28	5.16	5.04	4.89	4.75	5.92	4.75
10/31/1966	4.91	5.64	5.54	5.52	5.28	5.24	5.18	5.12	4.97	4.77	4.63	5.64	4.63
11/30/1966	4.52	5.4	5.47	5.52	5.4	5.29	5.23	5.23	5.1	4.9	4.74	5.52	4.52
12/30/1966	4.84	5.03	5.12	5.06	4.72	4.73	4.73	4.72	4.66	4.62	4.51	5.12	4.51
01/31/1967	4.63	4.7	4.67	4.68	4.4	4.5	4.55	4.57	4.52	4.5	4.39	4.7	4.39
02/28/1967	4.62	4.72	4.81	4.75	4.63	4.66	4.72	4.76	4.74	4.71	4.56	4.81	4.56
03/31/1967	4.09	4.19	4.24	4.15	4.02	4.22	4.38	4.45	4.52	4.6	4.56	4.6	4.02
04/28/1967	3.51	3.83	3.99	4.12	4.16	4.47	4.67	4.73	4.77	4.82	4.66	4.82	3.51
05/31/1967	3.31	3.56	3.88	4.11	4.3	4.5	4.67	4.73	4.81	4.88	4.7	4.88	3.31
06/30/1967	3.89	4.12	4.63	5.1	4.86	5.12	5.29	5.32	5.24	5.12	4.91	5.32	3.89
07/31/1967	3.94	4.3	4.78	5.17	4.74	4.95	5.1	5.16	5.13	5.09	4.85	5.17	3.94

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/31/1967	3.97	4.51	5.03	5.28	5.05	5.24	5.35	5.35	5.25	5.15	4.9	5.35	3.97
09/29/1967	4.39	4.6	5.28	5.34	5.03	5.26	5.37	5.35	5.27	5.2	4.95	5.37	4.39
10/31/1967	4.28	4.74	5.29	5.52	5.31	5.54	5.69	5.72	5.65	5.46	5.71	5.72	4.28
11/30/1967	4.25	5	5.75	5.74	5.46	5.62	5.76	5.84	5.8	5.7	5.74	5.84	4.25
12/29/1967	4.51	5.23	5.82	5.83	5.62	5.71	5.74	5.72	5.7	5.65	5.5	5.83	4.51
01/31/1968	4.85	5.04	5.23	5.41	5.23	5.39	5.51	5.56	5.54	5.48	5.21	5.56	4.85
02/29/1968	4.91	5.28	5.47	5.41	5.32	5.45	5.57	5.61	5.57	5.45	5.42	5.61	4.91
03/29/1968	5.16	5.47	5.52	5.56	5.46	5.61	5.73	5.78	5.77	5.7	5.57	5.78	5.16
04/30/1968	5.72	5.81	5.85	5.85	5.65	5.76	5.84	5.87	5.78	5.58	5.48	5.87	5.48
05/31/1968	5.64	6.07	6.02	6.03	5.78	5.74	5.82	5.94	5.89	5.72	4.19	6.07	4.19
06/28/1968	5.47	5.65	5.8	5.88	5.64	5.55	5.62	5.75	5.66	5.39	5.47	5.88	5.39
07/31/1968	5.38	5.47	5.59	5.34	5.2	5.15	5.28	5.46	5.41	5.2	5.36	5.59	5.15
08/30/1968	5.21	5.38	5.5	5.33	5.17	5.16	5.34	5.54	5.45	5.24	5.23	5.54	5.16
09/30/1968	5.4	5.44	5.62	5.3	5.27	5.19	5.36	5.6	5.54	5.35	5.3	5.62	5.19
10/31/1968	5.56	5.8	5.77	5.58	5.46	5.28	5.45	5.73	5.67	5.47	5.48	5.8	5.28
11/29/1968	5.18	5.7	5.85	5.79	5.57	5.41	5.59	5.89	5.85	5.68	5.63	5.89	5.18
12/31/1968	6.44	6.49	6.7	6.46	6.4	6.07	6.15	6.42	6.28	6.01	5.96	6.7	5.96
01/31/1969	6.16	6.47	6.6	6.41	6.21	5.95	6.09	6.38	6.31	6.14	6.28	6.6	5.95
02/28/1969	5.91	6.51	6.74	6.52	6.44	6.35	6.36	6.42	6.35	6.21	6.31	6.74	5.91
03/28/1969	5.53	6.33	6.42	6.42	6.17	6.16	6.28	6.43	6.43	6.3	6.36	6.43	5.53
04/30/1969	6.34	6.2	6.28	6.17	6.26	6.04	6.18	6.46	6.33	6	6.06	6.46	6
05/29/1969	6.12	6.4	6.52	6.71	6.68	6.54	6.58	6.69	6.62	6.44	6.4	6.71	6.12
06/30/1969	6.73	6.93	7.28	7.79	7.3	7.1	6.95	6.9	6.69	6.36	6.34	7.79	6.34
07/31/1969	6.84	7.67	7.56	7.73	7.56	7.24	6.96	6.84	6.62	6.33	6.28	7.73	6.28
08/29/1969	7.46	7.34	7.48	7.85	7.54	7.39	7.18	7.04	6.76	6.39	6.37	7.85	6.37
09/30/1969	7.35	7.5	7.81	8.11	8.09	8.16	8.04	7.87	7.52	6.94	6.79	8.16	6.79
10/31/1969	7.06	7.48	7.72	7.69	7.42	7.5	7.33	7.1	6.94	6.67	6.5	7.72	6.5
11/28/1969	6.95	7.91	8.34	8.14	7.72	7.74	7.57	7.36	7.3	7.04	6.67	8.34	6.67
12/31/1969	7.45	8.5	8.53	8.31	8.36	8.42	8.19	7.92	7.76	7.32	6.86	8.53	6.86
01/30/1970	7.86	8.36	8.29	8.22	8.24	8.36	8.29	8.15	7.8	7.2	7.01	8.36	7.01
02/27/1970	6.56	7.17	7.21	7	7.26	7.38	7.36	7.27	7.03	6.64	6.56	7.38	6.56
03/31/1970	6.66	6.64	6.79	6.83	7.04	7.23	7.31	7.29	7.13	6.8	6.65	7.31	6.64
04/30/1970	6.84	7.26	7.67	7.65	7.89	7.99	8.06	8.07	7.89	7.32	6.92	8.07	6.84
05/29/1970	6.69	7.4	7.53	7.65	8.05	7.96	7.94	7.95	7.91	7.62	6.78	8.05	6.69

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
06/30/1970	6.17	6.83	6.99	7.45	7.73	7.83	7.9	7.94	7.71	7.22	6.45	7.94	6.17
07/31/1970	6.41	6.66	6.79	7.08	7.4	7.58	7.69	7.72	7.43	6.97	6.3	7.72	6.3
08/31/1970	6.4	6.56	6.73	6.92	7.28	7.45	7.57	7.63	7.53	7.18	6.38	7.63	6.38
09/30/1970	5.86	6.15	6.77	6.72	6.78	7.04	7.28	7.4	7.35	7.02	6.19	7.4	5.86
10/30/1970	5.51	6.16	6.33	6.44	6.66	6.92	7.16	7.29	7.35	7.12	6.24	7.35	5.51
11/30/1970	4.63	5.14	5.16	5.16	5.37	5.76	6.18	6.44	6.53	6.44	5.73	6.53	4.63
12/31/1970	4.73	5.05	4.99	5.03	5.56	5.85	6.14	6.32	6.47	6.5	5.8	6.5	4.73
01/29/1971	4.12	4.2	4.29	4.21	4.67	5.36	5.9	6.13	6.16	6.11	5.5	6.16	4.12
02/26/1971	3.25	3.43	3.62	3.7	4.19	4.87	5.53	5.9	6.13	6.27	5.64	6.27	3.25
03/31/1971	3.5	3.73	3.68	3.88	4.06	4.62	5.13	5.4	5.58	5.83	5.31	5.83	3.5
04/30/1971	3.82	3.97	4.4	4.67	5.23	5.75	6.1	6.22	6.17	6.12	5.54	6.22	3.82
05/28/1971	4.01	4.42	4.57	5.02	5.66	5.91	6.26	6.51	6.48	6.31	5.68	6.51	4.01
06/30/1971	5.03	5.27	5.47	6.21	6.52	6.77	6.93	6.97	6.78	6.48	5.83	6.97	5.03
07/30/1971	5.3	5.38	5.94	6.15	6.55	6.85	7.05	7.1	6.96	6.5	5.67	7.1	5.3
08/31/1971	4.56	4.46	4.83	5.33	5.62	5.81	6.08	6.28	6.38	6.14	5.28	6.38	4.46
09/30/1971	4.55	4.79	5.08	5.33	5.5	5.82	6.02	6.06	6.1	5.97	5.23	6.1	4.55
10/29/1971	4.19	4.54	4.55	4.61	4.97	5.37	5.7	5.84	5.94	5.89	5.18	5.94	4.19
11/30/1971	4.03	4.41	4.57	4.78	5.09	5.43	5.77	5.96	6.13	6.01	5.17	6.13	4.03
12/31/1971	3.47	3.88	4.07	4.34	4.87	5.15	5.54	5.81	6.04	6.03	5.24	6.04	3.47
01/31/1972	3.15	3.39	3.74	4.23	4.86	5.37	5.82	6.03	6.23	6.13	5.27	6.23	3.15
02/29/1972	3.23	3.45	3.85	4.27	4.78	5.3	5.77	6	6.2	6.06	5.16	6.2	3.23
03/30/1972	3.54	3.95	4.54	4.99	5.6	5.91	6.12	6.18	6.27	6.13	5.31	6.27	3.54
04/28/1972	3.31	3.66	4.14	4.52	5.14	5.59	5.93	6.06	6.21	6.12	5.29	6.21	3.31
05/31/1972	3.5	3.9	4.23	4.65	5	5.46	5.84	5.99	6.16	5.99	5.09	6.16	3.5
06/30/1972	3.75	4.16	4.76	5.26	5.51	5.82	6.05	6.13	6.23	6.06	5.2	6.23	3.75
07/31/1972	3.63	3.9	4.46	4.92	5.26	5.74	6.07	6.17	6.21	6.21	5.58	6.21	3.63
08/31/1972	4.43	4.54	4.98	5.49	5.7	6.02	6.33	6.49	6.49	6.39	5.74	6.49	4.43
09/29/1972	4.64	4.79	5.34	5.69	5.91	6.06	6.31	6.5	6.54	6.49	5.85	6.54	4.64
10/31/1972	4.7	4.98	5.24	5.59	5.89	6.1	6.29	6.38	6.47	5.93	4.74	6.47	4.7
11/30/1972	4.91	4.99	5.37	5.49	5.73	5.99	6.19	6.28	6.37	5.79	4.58	6.37	4.58
12/29/1972	5.09	5.28	5.62	5.59	6.04	6.17	6.31	6.39	6.45	6	4.93	6.45	4.93
01/31/1973	5.72	5.91	6.03	6.26	6.4	6.5	6.51	6.46	6.6	6.9	6.34	6.9	5.72
02/28/1973	5.73	6.1	6.37	6.51	6.75	6.84	6.8	6.71	6.77	6.93	6.34	6.93	5.73
03/30/1973	6.24	6.69	7.14	7.13	7.09	7	6.89	6.83	6.85	6.92	6.3	7.14	6.24

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
04/30/1973	6.23	6.59	6.91	6.98	6.87	6.87	6.83	6.78	6.83	6.94	6.33	6.98	6.23
05/31/1973	6.8	7.41	7.33	7.33	7	6.88	6.87	6.93	7.01	7.13	7.17	7.41	6.8
06/29/1973	7.73	8.04	8.07	7.98	7.25	7.13	7.02	6.97	7.04	7.2	7.25	8.07	6.97
07/31/1973	8.89	8.93	8.96	9.18	8.22	8.19	7.93	7.66	7.61	7.69	7.72	9.18	7.61
08/31/1973	9.19	9.2	9.03	8.77	7.89	7.56	7.34	7.29	7.32	7.42	7.45	9.2	7.29
09/28/1973	7.79	7.53	8.09	7.73	7.05	6.85	6.81	6.88	6.97	7.12	6.54	8.09	6.54
10/31/1973	7.35	7.86	7.77	7.37	6.87	6.92	6.87	6.78	6.97	7.35	7.46	7.86	6.78
11/30/1973	7.95	7.85	8.39	7.59	6.88	6.9	6.86	6.81	6.95	7.26	7.35	8.39	6.81
12/31/1973	7.83	7.93	7.93	7.41	6.98	6.93	6.89	6.87	7.07	7.44	7.54	7.93	6.87
01/31/1974	7.93	7.96	7.74	7.18	6.91	6.91	6.97	7.05	7.24	7.54	7.61	7.96	6.91
02/28/1974	7.75	7.88	7.86	7.23	7	7.04	7.08	7.11	7.23	7.6	7.81	7.88	7
03/29/1974	8.96	9.12	9.03	8.48	8	7.92	7.81	7.73	7.65	7.93	8.27	9.12	7.65
04/30/1974	9.33	9.51	9.47	9.23	8.6	8.5	8.33	8.21	8	8.21	8.63	9.51	8
05/31/1974	8.26	8.73	8.93	8.79	8.34	8.27	8.19	8.13	7.89	8.22	8.06	8.93	7.89
06/28/1974	8.05	8.19	8.61	8.95	8.48	8.56	8.45	8.28	8.01	8.25	8.04	8.95	8.01
07/31/1974	8.19	8.18	8.64	8.99	8.74	8.72	8.62	8.52	8.2	8.43	8.27	8.99	8.18
08/30/1974	9.9	9.75	9.96	10.13	9.05	8.88	8.77	8.74	8.43	8.61	9.12	10.13	8.43
09/30/1974	6.5	6.73	8.01	8.58	8.24	8.24	8.2	8.16	8.09	8.49	8.92	8.92	6.5
10/31/1974	7.17	8.58	8.25	7.98	7.94	8.09	8.08	8	7.89	8.19	7.89	8.58	7.17
11/29/1974	7.85	7.89	8.08	7.69	7.46	7.59	7.72	7.79	7.74	8.11	7.85	8.11	7.46
12/31/1974	6.92	7.46	7.46	7.27	7.43	7.43	7.4	7.38	7.5	8.1	7.83	8.1	6.92
01/31/1975	5.64	5.98	6.17	6.23	6.82	7.14	7.37	7.46	7.47	7.82	7.51	7.82	5.64
02/28/1975	4.84	5.73	6	6	6.4	6.74	7.15	7.42	7.42	7.92	7.77	7.92	4.84
03/31/1975	5.41	5.81	6.02	6.35	6.88	7.21	7.54	7.72	7.73	8.16	8.6	8.6	5.41
04/30/1975	5.3	5.76	6.33	6.88	7.66	7.95	8.13	8.17	8.27	8.49	8.58	8.58	5.3
05/30/1975	5.04	5.45	5.71	6.17	6.96	7.27	7.63	7.87	8.04	8.23	8.51	8.51	5.04
06/30/1975	5.83	6.28	6.54	6.94	7.32	7.55	7.79	7.92	8	8.17	8.29	8.29	5.83
07/31/1975	6.32	6.59	7.14	7.39	7.79	7.96	8.07	8.09	8.17	8.24	8.53	8.53	6.32
08/29/1975	6.23	6.71	7.32	7.58	7.9	8.08	8.2	8.22	8.28	8.44	8.65	8.65	6.23
09/30/1975	6.65	6.97	7.48	7.75	8.25	8.36	8.46	8.5	8.51	8.68	8.82	8.82	6.65
10/31/1975	5.55	5.87	6.01	6.35	7.16	7.41	7.71	7.89	8.04	8.29	8.4	8.4	5.55
11/28/1975	5.13	5.88	6.3	6.63	7.42	7.65	7.95	8.17	8.25	8.42	8.58	8.58	5.13
12/31/1975	5.23	5.44	5.74	6.22	6.85	7.21	7.56	7.73	7.88	8.15	8.28	8.28	5.23
01/30/1976	4.63	4.92	5.18	5.61	6.48	7.07	7.57	7.81	7.9	8.08	8.25	8.25	4.63

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
02/27/1976	4.7	5.22	5.69	6.2	6.89	7.24	7.58	7.75	7.87	8.09	8.24	8.24	4.7
03/31/1976	4.93	5.15	5.58	6.1	6.78	7.15	7.5	7.67	7.77	7.98	8.14	8.14	4.93
04/30/1976	4.87	5.11	5.55	6.12	6.71	7.06	7.42	7.62	7.78	8.04	8.16	8.16	4.87
05/28/1976	5.41	5.79	6.27	6.81	7.41	7.65	7.86	7.97	8.08	8.28	7.73	8.28	5.41
06/30/1976	5.48	5.64	6.1	6.51	7.04	7.35	7.66	7.83	7.96	8.17	7.63	8.17	5.48
07/30/1976	5.29	5.42	5.79	6.19	6.82	7.16	7.55	7.79	7.96	8.17	7.62	8.17	5.29
08/31/1976	4.94	5.33	5.54	5.97	6.61	6.92	7.33	7.61	7.83	8.04	7.44	8.04	4.94
09/30/1976	5.3	5.37	5.57	5.83	6.37	6.74	7.18	7.46	7.68	7.94	7.39	7.94	5.3
10/29/1976	4.95	5.16	5.28	5.56	6.13	6.47	6.93	7.26	7.56	7.9	7.35	7.9	4.95
11/30/1976	4.54	4.59	4.77	4.98	5.49	5.79	6.27	6.65	7.12	7.64	7.08	7.64	4.54
12/31/1976	4.41	4.54	4.68	4.91	5.43	5.83	6.3	6.6	6.91	7.34	6.85	7.34	4.41
01/31/1977	4.66	4.91	5.19	5.69	6.25	6.66	7.06	7.27	7.5	7.8	7.25	7.8	4.66
02/28/1977	4.56	4.92	5.2	5.62	6.15	6.63	7.1	7.35	7.58	7.9	7.94	7.94	4.56
03/31/1977	4.62	4.72	5.01	5.49	6.05	6.56	7.04	7.3	7.54	7.87	7.89	7.89	4.62
04/29/1977	4.51	4.78	5.14	5.62	6.11	6.58	7.05	7.32	7.56	7.85	7.9	7.9	4.51
05/31/1977	4.96	5.3	5.49	5.84	6.21	6.58	6.99	7.25	7.5	7.82	7.84	7.84	4.96
06/30/1977	5.06	5.23	5.5	5.73	6.09	6.43	6.81	7.06	7.33	7.7	7.81	7.81	5.06
07/29/1977	5.54	5.67	6.02	6.25	6.53	6.83	7.14	7.34	7.53	7.85	7.86	7.86	5.54
08/31/1977	5.68	5.83	6.12	6.38	6.59	6.82	7.07	7.23	7.4	7.7	7.82	7.82	5.68
09/30/1977	6.13	6.31	6.52	6.67	6.88	7.03	7.22	7.37	7.51	7.81	7.81	7.81	6.13
10/31/1977	6.09	6.51	6.73	6.99	7.24	7.38	7.52	7.61	7.7	7.96	7.94	7.96	6.09
11/30/1977	5.86	6.35	6.75	6.92	7.16	7.29	7.44	7.53	7.65	7.93	7.9	7.93	5.86
12/30/1977	6	6.45	6.78	7.07	7.28	7.5	7.69	7.8	7.92	8.14	8.18	8.18	6
01/31/1978	6.19	6.74	7.03	7.31	7.54	7.7	7.87	7.97	8.09	8.3	8.34	8.34	6.19
02/28/1978	6.36	6.74	7.18	7.36	7.65	7.84	7.98	8.04	8.17	8.38	8.4	8.4	6.36
03/31/1978	6.87	6.78	7.18	7.47	7.79	7.93	8.08	8.18	8.29	8.47	8.48	8.48	6.78
04/28/1978	6.25	6.57	7.25	7.64	7.95	8.05	8.18	8.27	8.37	8.53	8.53	8.53	6.25
05/31/1978	6.61	7.1	7.64	8.06	8.25	8.32	8.42	8.49	8.58	8.7	8.66	8.7	6.61
06/30/1978	6.79	7.55	8.05	8.49	8.63	8.65	8.69	8.73	8.78	8.84	8.8	8.84	6.79
07/31/1978	6.88	7.33	7.93	8.49	8.57	8.56	8.6	8.65	8.7	8.76	8.73	8.76	6.88
08/31/1978	8	8.06	8.13	8.58	8.56	8.54	8.53	8.53	8.54	8.59	8.58	8.59	8
09/29/1978	8.53	8.74	8.91	9.01	8.77	8.65	8.62	8.66	8.71	8.78	8.74	9.01	8.53
10/31/1978	9.1	9.36	9.75	10.02	9.58	9.45	9.28	9.15	9.1	9.08	9.02	10.02	9.02
11/30/1978	9.71	9.68	10.02	10.27	9.76	9.33	9.08	9.04	9.02	8.97	8.95	10.27	8.95

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/29/1978	9.11	10.01	10.41	10.84	10.35	9.84	9.51	9.43	9.35	9.2	9.14	10.84	9.11
01/31/1979	10.13	10.01	10.11	10.32	9.91	9.39	9.14	9.14	9.12	9.06	8.99	10.32	8.99
02/28/1979	10.2	10.2	10.45	10.48	10.06	9.67	9.45	9.43	9.38	9.3	9.23	10.48	9.23
03/30/1979	10.24	10.25	10.32	10.17	9.94	9.57	9.36	9.32	9.3	9.25	9.15	10.32	9.15
04/30/1979	10.23	10.3	10.52	10.29	10.09	9.73	9.54	9.53	9.51	9.44	9.36	10.52	9.36
05/31/1979	10.29	10.51	10.3	10.04	9.69	9.35	9.18	9.19	9.24	9.27	9.2	10.51	9.18
06/29/1979	9.48	9.8	9.73	9.44	9.06	8.9	8.86	8.89	8.95	8.99	8.96	9.8	8.86
07/31/1979	9.8	10.05	10.24	9.92	9.44	9.22	9.13	9.15	9.17	9.16	9.09	10.24	9.09
08/31/1979	10.75	10.73	10.61	10.68	9.99	9.67	9.49	9.46	9.41	9.29	9.2	10.75	9.2
09/28/1979	10.97	11.18	11.15	11.2	10.35	9.95	9.71	9.67	9.64	9.5	9.41	11.2	9.41
10/31/1979	12.61	13.66	13.6	13.28	12.39	11.87	11.45	11.25	11.03	10.66	10.45	13.66	10.45
11/30/1979	11.63	12.53	12.7	11.81	11.38	10.84	10.61	10.64	10.57	10.35	10.16	12.7	10.16
12/31/1979	10.08	13.29	13.12	11.98	11.46	10.91	10.6	10.56	10.55	10.41	10.24	13.29	10.08
01/31/1980	12.17	13.38	13.18	12.44	11.97	11.5	11.33	11.39	11.44	11.42	11.32	13.38	11.32
02/29/1980	15.02	15.62	15.76	15.59	15.18	14.27	13.6	13.35	13.11	12.67	12.45	15.76	12.45
03/31/1980	16.79	16.93	17.03	16.31	15.26	14.18	13.36	13.05	12.96	12.8	12.61	17.03	12.61
04/30/1980	9.78	11.45	11.65	11.2	10.82	10.7	10.75	10.86	11.01	11.08	10.96	11.65	9.78
05/30/1980	7.82	8.43	8.6	9	9.3	9.52	9.88	10.16	10.42	10.65	10.62	10.65	7.82
06/30/1980	6.46	8.49	8.59	8.69	9.27	9.44	9.73	9.95	10.22	10.37	10.23	10.37	6.46
07/31/1980	7.97	9.37	9.29	9.36	9.93	10.14	10.43	10.63	10.92	11.1	10.95	11.1	7.97
08/29/1980	9.97	11.05	11.17	11.65	11.8	11.88	11.89	11.85	11.84	11.7	11.5	11.89	9.97
09/30/1980	11.85	12.54	12.58	12.55	12.41	12.31	12.21	12.14	12.21	12.18	12.06	12.58	11.85
10/31/1980	12.47	14.3	13.96	13.85	13.34	13.23	13.02	12.85	12.82	12.7	12.6	14.3	12.47
11/28/1980	16.27	15.99	15.82	15.2	14.24	13.88	13.39	13.04	12.96	12.75	12.54	16.27	12.54
12/31/1980	14.07	16.23	15.74	13.91	13.19	13	12.8	12.68	12.66	12.4	12.21	16.23	12.21
01/30/1981	15.34	16.51	15.54	14.53	13.53	13.26	13.08	13.01	12.97	12.72	12.44	16.51	12.44
02/27/1981	15.37	15.97	15.47	14.7	14.14	14.11	13.98	13.83	13.73	13.38	13.27	15.97	13.27
03/31/1981	14.21	13.84	13.4	13.45	13.4	13.6	13.61	13.52	13.45	13.13	12.88	14.21	12.88
04/30/1981	15.24	16.67	16.16	15.58	15.11	14.98	14.77	14.62	14.5	14.16	13.98	16.67	13.98
05/29/1981	18.15	17.24	16.25	15.6	15.01	14.64	14.21	13.94	13.82	13.54	13.23	18.15	13.23
06/30/1981	15.89	16.05	15.85	15.18	14.97	14.74	14.5	14.36	14.22	13.79	13.56	16.05	13.56
07/31/1981	16.76	17.2	17.14	16.77	16.21	15.97	15.58	15.28	15.05	14.59	14.32	17.2	14.32
08/31/1981	16.74	17.68	17.65	17.41	17.14	16.77	16.37	16.15	15.93	15.55	15.22	17.68	15.22
09/30/1981	15.17	16.2	16.8	16.86	17.19	16.99	16.68	16.45	16.34	16.04	15.64	17.19	15.17

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/30/1981	14.03	14.45	14.64	14.97	15.01	15.14	15.23	15.27	15.22	14.97	14.74	15.27	14.03
11/30/1981	11.13	11.13	11.51	11.95	12.64	12.98	13.24	13.36	13.37	13.27	12.99	13.37	11.13
12/31/1981	10.21	12.3	13.23	14.09	14.34	14.44	14.5	14.52	14.5	14.32	13.95	14.52	10.21
01/29/1982	13.02	13.92	14.12	14.63	14.67	14.72	14.71	14.67	14.66	14.46	14.27	14.72	13.02
02/26/1982	12.87	13.74	14.23	14.56	14.69	14.64	14.51	14.41	14.44	14.43	14.1	14.69	12.87
03/31/1982	14.78	14.79	14.76	14.74	14.91	14.86	14.77	14.71	14.55	14.27	13.89	14.91	13.89
04/30/1982	13.36	13.69	14	14.18	14.42	14.32	14.27	14.28	14.11	13.87	13.62	14.42	13.36
05/28/1982	12.41	12.66	12.97	13.5	13.91	14.04	14.14	14.18	14.06	13.85	13.65	14.18	12.41
06/30/1982	12.51	14.33	14.82	15.01	15.16	15.15	15.09	15.04	14.83	14.45	14.25	15.16	12.51
07/30/1982	9.54	11.23	12.49	13.24	13.65	13.87	14.04	14.11	14	13.84	13.62	14.11	9.54
08/31/1982	6.53	8.67	10.09	11.67	12.39	12.75	13	13.09	12.95	12.81	12.62	13.09	6.53
09/30/1982	7.42	8.09	9.59	10.67	11.71	11.96	12.17	12.27	12.17	12.01	11.77	12.27	7.42
10/29/1982	8.23	8.55	9.01	9.57	10.39	10.76	11.05	11.18	11.1	11.07	10.42	11.18	8.23
11/30/1982	8.15	8.75	9.14	9.55	10.2	10.63	11.05	11.29	11.26	11.26	10.85	11.29	8.15
12/31/1982	8.68	8.53	8.58	9.05	9.8	10.22	10.68	10.97	10.96	11	10.56	11	8.53
01/31/1983	8.45	8.6	8.74	9.18	9.92	10.36	10.91	11.29	11.32	11.53	11.13	11.53	8.45
02/28/1983	7.81	8.48	8.56	8.83	9.59	9.97	10.4	10.68	10.76	10.97	10.63	10.97	7.81
03/31/1983	9.02	9.26	9.39	9.53	10.1	10.39	10.76	11.01	11.06	11.17	10.79	11.17	9.02
04/29/1983	8.41	8.63	8.74	8.95	9.59	9.93	10.36	10.64	10.7	10.78	10.24	10.78	8.41
05/31/1983	8.49	9.42	9.41	9.58	10.23	10.54	10.91	11.15	11.23	11.4	11.11	11.4	8.49
06/30/1983	9	9.52	9.68	9.95	10.48	10.79	11.13	11.34	11.4	11.46	11.19	11.46	9
07/29/1983	9.38	10.03	10.29	10.7	11.25	11.62	11.99	12.19	12.21	12.26	12.09	12.26	9.38
08/31/1983	9.03	10.03	10.26	10.79	11.38	11.78	12.12	12.28	12.31	12.37	12.13	12.37	9.03
09/30/1983	9.35	9.48	9.64	10.03	10.71	11.13	11.54	11.75	11.79	11.82	11.58	11.82	9.35
10/31/1983	8.99	9.26	9.45	9.94	10.76	11.25	11.7	11.94	12.04	12.14	11.98	12.14	8.99
11/30/1983	9.12	9.5	9.77	10.08	10.8	11.27	11.67	11.86	11.94	11.97	11.85	11.97	9.12
12/30/1983	9.23	9.68	9.89	10.29	11.04	11.47	11.87	12.06	12.16	12.2	12.12	12.2	9.23
01/31/1984	9.47	9.59	9.66	10.01	10.78	11.21	11.64	11.87	11.96	12.04	12	12.04	9.47
02/29/1984	9.12	9.95	10.22	10.4	11.19	11.63	12.05	12.27	12.36	12.44	12.48	12.48	9.12
03/30/1984	10.12	10.56	10.78	11.09	11.8	12.21	12.61	12.82	12.86	12.86	12.89	12.89	10.12
04/30/1984	9.93	10.58	10.89	11.23	12.04	12.48	12.89	13.11	13.16	13.17	13.22	13.22	9.93
05/31/1984	8.86	10.8	11.59	12.51	13.27	13.72	14.12	14.31	14.32	14.23	14.29	14.32	8.86
06/29/1984	9.74	10.87	11.54	12.61	13.48	13.83	14.13	14.27	14.26	14.18	14.18	14.27	9.74
07/31/1984	10.53	11.45	11.63	12.23	12.91	13.04	13.2	13.29	13.33	13.28	13.27	13.33	10.53

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 10%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/31/1984	10.93	11.65	11.66	12.25	12.84	12.99	13.15	13.22	13.19	13.07	13.07	13.22	10.93
09/28/1984	11.23	11.19	11.25	11.68	12.35	12.61	12.8	12.86	12.82	12.71	12.72	12.86	11.19
10/31/1984	9.16	9.91	9.99	10.63	11.38	11.67	11.93	12.04	12.07	12.02	11.98	12.07	9.16
11/30/1984	7.92	9.03	9.31	9.84	10.71	11.22	11.65	11.85	11.94	11.99	11.9	11.99	7.92
12/31/1984	8.1	8.34	8.66	9.46	10.31	10.93	11.5	11.79	11.92	11.96	11.85	11.96	8.1
01/31/1985	7.87	8.51	8.67	9.23	10.14	10.68	11.15	11.36	11.52	11.61	11.55	11.61	7.87
02/28/1985	7.87	9.2	9.58	10.03	10.88	11.46	11.95	12.18	12.32	12.44	12.34	12.44	7.87
03/29/1985	8.3	8.81	9.35	9.81	10.69	11.25	11.71	11.93	12.08	12.19	12.01	12.19	8.3
04/30/1985	7.74	8.36	8.82	9.3	10.25	10.82	11.36	11.65	11.86	12.05	11.88	12.05	7.74
05/31/1985	6.91	7.71	7.73	8.25	9.15	9.71	10.19	10.43	10.7	10.99	10.85	10.99	6.91
06/28/1985	6.81	7.36	7.52	7.92	8.89	9.57	10.15	10.44	10.69	10.92	10.74	10.92	6.81
07/31/1985	7.41	7.86	7.93	8.36	9.23	9.9	10.48	10.76	11.03	11.26	10.99	11.26	7.41
08/30/1985	7.32	7.56	7.72	8.15	9.05	9.68	10.21	10.45	10.72	11.01	10.78	11.01	7.32
09/30/1985	7.5	7.63	7.7	8.22	9.02	9.65	10.18	10.45	10.78	11.13	10.87	11.13	7.5
10/31/1985	7.55	7.75	7.69	8.15	8.85	9.39	9.89	10.16	10.47	10.79	10.55	10.79	7.55
11/29/1985	6.99	7.61	7.69	8.02	8.56	9.07	9.53	9.77	10.04	10.35	10.14	10.35	6.99
12/31/1985	6.32	7.47	7.5	7.8	8.13	8.55	8.9	9.08	9.4	9.76	9.54	9.76	6.32
01/31/1986	6.79	7.4	7.47	7.8	8.17	8.56	8.95	9.17	9.5	9.84	9.63	9.84	6.79
02/28/1986	7.08	7.5	7.56	7.61	7.91	8.12	8.26	8.3	8.46	8.71	8.57	8.71	7.08
03/31/1986	6.52	6.7	6.69	6.96	7.15	7.4	7.55	7.57	7.69	7.87	7.75	7.87	6.52
04/30/1986	5.82	6.4	6.52	6.7	7.12	7.37	7.55	7.61	7.76	8.03	7.77	8.03	5.82
05/30/1986	6.22	6.68	6.78	7.02	7.56	8.04	8.3	8.33	8.51	8.75	8.17	8.75	6.22
06/30/1986	6.08	6.36	6.41	6.62	7.07	7.45	7.67	7.71	7.89	8.15	7.73	8.15	6.08

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
07/31/1986	5.41	6.16	6.17	6.37	6.79	7.18	7.49	7.63	7.94	8.34	7.89	8.34	5.41
08/29/1986	4.99	5.43	5.34	5.63	6.09	6.5	6.88	7.09	7.44	7.88	7.58	7.88	4.99
09/30/1986	5.36	5.47	5.62	5.94	6.55	7.02	7.43	7.63	8	8.45	8.01	8.45	5.36
10/31/1986	5.34	5.52	5.47	5.86	6.33	6.74	7.16	7.41	7.79	8.27	7.86	8.27	5.34
11/28/1986	5.29	5.64	5.68	5.88	6.27	6.61	6.99	7.23	7.6	8.12	7.7	8.12	5.29
12/31/1986	5.04	6	5.9	6.14	6.53	6.78	7.09	7.31	7.66	8.2	7.79	8.2	5.04
01/30/1987	5.61	5.86	5.82	6.05	6.4	6.66	6.99	7.2	7.55	8.1	7.68	8.1	5.61
02/27/1987	5.46	5.72	5.74	6.1	6.45	6.69	6.99	7.18	7.49	7.97	7.66	7.97	5.46
03/31/1987	5.35	5.79	6.02	6.33	6.71	6.95	7.27	7.5	7.8	8.22	7.98	8.22	5.35
04/30/1987	3.8	5.77	6.25	7.02	7.55	7.83	8.12	8.28	8.52	8.82	8.64	8.82	3.8
05/29/1987	5.42	5.94	6.49	7.25	7.89	8.14	8.4	8.55	8.77	9.01	8.84	9.01	5.42
06/30/1987	5.15	6.02	6.35	7	7.59	7.93	8.26	8.45	8.7	8.99	8.73	8.99	5.15
07/31/1987	5.41	6.44	6.64	7.02	7.68	8.06	8.45	8.67	8.95	9.27	9.08	9.27	5.41
08/31/1987	5.9	6.6	6.74	7.41	8.06	8.38	8.76	9	9.26	9.55	9.38	9.55	5.9
09/30/1987	6.81	6.98	7.47	8.09	8.77	9.11	9.49	9.7	9.93	10.18	10.03	10.18	6.81
10/30/1987	4.52	5.58	6.46	7.19	7.89	8.29	8.73	9	9.21	9.41	9.27	9.41	4.52
11/30/1987	3.64	5.63	6.6	7.3	7.92	8.31	8.77	9.06	9.3	9.53	9.33	9.53	3.64
12/31/1987	3.66	5.98	6.6	7.42	7.94	8.25	8.64	8.89	9.11	9.31	9.16	9.31	3.66
01/29/1988	4.72	5.99	6.4	6.96	7.38	7.63	8	8.26	8.51	8.76	8.56	8.76	4.72
02/29/1988	5.38	5.95	6.25	6.78	7.24	7.49	7.86	8.13	8.42	8.72	8.52	8.72	5.38
03/31/1988	5.53	6.02	6.4	7.02	7.52	7.84	8.27	8.56	8.85	9.16	8.97	9.16	5.53
04/29/1988	5.79	6.31	6.71	7.32	7.82	8.15	8.56	8.83	9.13	9.45	9.27	9.45	5.79
05/31/1988	6.1	6.96	7.28	7.86	8.36	8.62	8.97	9.21	9.45	9.73	9.54	9.73	6.1
06/30/1988	6.59	6.99	7.23	7.72	8.16	8.35	8.63	8.84	9.07	9.35	9.13	9.35	6.59
07/29/1988	6.33	7.35	7.64	8.14	8.57	8.71	8.96	9.16	9.38	9.66	9.47	9.66	6.33
08/31/1988	7.75	7.83	7.98	8.57	8.88	9	9.19	9.32	9.48	9.69	9.54	9.69	7.75
09/30/1988	7.51	7.83	7.99	8.39	8.6	8.7	8.85	8.96	9.12	9.36	9.19	9.36	7.51
10/31/1988	7.18	7.92	7.95	8.24	8.41	8.45	8.59	8.71	8.87	9.09	8.9	9.09	7.18
11/30/1988	6.99	8.39	8.56	8.93	9.07	9.08	9.16	9.22	9.31	9.43	9.28	9.43	6.99
12/30/1988	6.63	8.66	8.84	9.33	9.37	9.38	9.4	9.41	9.39	9.37	9.19	9.41	6.63
01/31/1989	8.2	8.95	8.96	9.31	9.32	9.31	9.28	9.25	9.22	9.2	8.99	9.32	8.2
02/28/1989	7.91	9.38	9.49	9.83	9.78	9.76	9.7	9.64	9.59	9.56	9.34	9.83	7.91
03/31/1989	9.23	9.57	9.74	10.1	10	9.94	9.78	9.65	9.56	9.51	9.31	10.1	9.23
04/28/1989	8.98	9.02	9.19	9.5	9.45	9.39	9.33	9.3	9.29	9.3	9.1	9.5	8.98
05/31/1989	8.8	9.37	9.11	9.2	9	8.99	8.93	8.88	8.88	8.95	8.77	9.37	8.77

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
06/30/1989	8.66	8.63	8.39	8.49	8.23	8.26	8.29	8.32	8.35	8.39	8.19	8.66	8.19
07/31/1989	8.37	8.42	7.98	7.96	7.69	7.71	7.8	7.89	8.04	8.19	8.06	8.42	7.69
08/31/1989	8.19	8.49	8.3	8.6	8.53	8.53	8.51	8.49	8.51	8.56	8.39	8.6	8.19
09/29/1989	8.14	8.53	8.45	8.76	8.59	8.62	8.6	8.57	8.58	8.62	8.43	8.76	8.14
10/31/1989	8.15	8.38	8.03	8.14	8	8.07	8.11	8.13	8.18	8.23	8.09	8.38	8
11/30/1989	6.84	8.11	7.93	7.95	7.89	7.96	8.01	8.03	8.12	8.22	8.06	8.22	6.84
12/29/1989	6.44	8.14	8	8.08	8.06	8.09	8.13	8.17	8.25	8.31	8.14	8.31	6.44
01/31/1990	7.5	8.3	8.17	8.38	8.48	8.56	8.6	8.62	8.73	8.84	8.62	8.84	7.5
02/28/1990	7.82	8.31	8.35	8.35	8.61	8.68	8.73	8.75	8.84	8.93	8.74	8.93	7.82
03/30/1990	8.44	8.34	8.42	8.61	8.86	8.91	8.91	8.89	8.95	9.04	8.84	9.04	8.34
04/30/1990	7.91	8.36	8.63	8.89	9.18	9.25	9.28	9.28	9.35	9.42	9.23	9.42	7.91
05/31/1990	7.03	8.42	8.29	8.42	8.66	8.75	8.81	8.84	8.91	8.97	8.79	8.97	7.03
06/29/1990	7.82	8.41	8.19	8.27	8.41	8.52	8.6	8.64	8.72	8.79	8.6	8.79	7.82
07/31/1990	7.95	8.13	7.91	7.96	8.09	8.21	8.36	8.47	8.62	8.75	8.59	8.75	7.91
08/31/1990	7.87	7.94	7.81	8.06	8.28	8.51	8.77	8.93	9.15	9.36	9.19	9.36	7.81
09/28/1990	7.41	7.67	7.65	7.98	8.16	8.42	8.7	8.88	9.09	9.29	9.15	9.29	7.41
10/31/1990	6.96	7.66	7.48	7.68	7.92	8.16	8.46	8.67	8.91	9.12	8.96	9.12	6.96
11/30/1990	7.16	7.46	7.48	7.54	7.71	7.9	8.16	8.34	8.53	8.72	8.57	8.72	7.16
12/31/1990	5.72	6.88	6.81	7.11	7.35	7.61	7.93	8.14	8.37	8.59	8.43	8.59	5.72
01/31/1991	5.7	6.52	6.48	6.79	7.18	7.49	7.83	8.05	8.31	8.53	8.37	8.53	5.7
02/28/1991	5.75	6.43	6.44	6.66	7.15	7.48	7.84	8.06	8.32	8.56	8.38	8.56	5.75
03/28/1991	6.1	6.11	6.21	6.55	7.16	7.55	7.94	8.14	8.37	8.59	8.43	8.59	6.1
04/30/1991	5.63	5.79	5.92	6.34	6.97	7.39	7.83	8.08	8.32	8.52	8.38	8.52	5.63
05/31/1991	4.94	5.88	5.95	6.37	6.9	7.37	7.84	8.11	8.37	8.6	8.46	8.6	4.94
06/28/1991	5.31	5.89	6.01	6.54	7.02	7.58	8.08	8.33	8.54	8.76	8.63	8.76	5.31
07/31/1991	5.78	5.87	5.99	6.34	6.88	7.41	7.92	8.2	8.44	8.66	8.55	8.66	5.78
08/30/1991	5.52	5.63	5.63	5.88	6.37	6.93	7.51	7.83	8.1	8.34	8.25	8.34	5.52
09/30/1991	5.21	5.44	5.4	5.58	6.07	6.58	7.12	7.44	7.76	8.08	8	8.08	5.21
10/31/1991	4.89	5.11	5.05	5.23	5.74	6.31	6.95	7.36	7.74	8.12	8.09	8.12	4.89
11/29/1991	4.13	4.55	4.59	4.84	5.41	6.06	6.79	7.25	7.68	8.13	8.14	8.14	4.13
12/31/1991	3.89	4	3.98	4.24	4.77	5.47	6.19	6.61	7.07	7.6	7.61	7.61	3.89
01/31/1992	3.64	3.99	4.04	4.4	5.16	5.93	6.74	7.2	7.61	8	7.96	8	3.64
02/28/1992	3.86	4.07	4.13	4.47	5.26	6.06	6.82	7.22	7.61	8	7.99	8	3.86
03/31/1992	4.11	4.18	4.33	4.66	5.66	6.46	7.17	7.51	7.85	8.19	8.14	8.19	4.11

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
04/30/1992	3.46	3.83	4	4.39	5.42	6.27	7.08	7.51	7.9	8.27	8.23	8.27	3.46
05/29/1992	3.6	3.81	3.98	4.26	5.15	5.96	6.76	7.2	7.64	8.06	8.02	8.06	3.6
06/30/1992	3.59	3.71	3.85	4.1	4.81	5.62	6.47	6.96	7.45	7.98	7.97	7.98	3.59
07/31/1992	3.14	3.32	3.41	3.68	4.37	5.17	6.01	6.5	7.02	7.6	7.63	7.63	3.14
08/31/1992	3.1	3.26	3.31	3.49	4.09	4.91	5.82	6.39	6.97	7.61	7.62	7.62	3.1
09/30/1992	2.69	2.82	2.93	3.11	3.76	4.56	5.52	6.13	6.77	7.5	7.57	7.57	2.69
10/30/1992	2.73	3.09	3.26	3.65	4.43	5.24	6.1	6.62	7.16	7.77	7.82	7.82	2.73
11/30/1992	2.74	3.34	3.57	3.92	4.83	5.63	6.41	6.84	7.28	7.78	7.8	7.8	2.74
12/31/1992	2.92	3.19	3.36	3.66	4.52	5.38	6.18	6.61	7.06	7.57	7.59	7.59	2.92
01/29/1993	2.72	2.99	3.13	3.47	4.19	4.91	5.72	6.22	6.73	7.36	7.39	7.39	2.72
02/26/1993	2.76	3.01	3.11	3.36	3.9	4.57	5.37	5.88	6.4	7.07	7.11	7.11	2.76
03/31/1993	2.8	2.95	3.12	3.38	3.92	4.61	5.39	5.89	6.43	7.13	7.16	7.16	2.8
04/30/1993	2.86	2.97	3.1	3.29	3.77	4.47	5.3	5.84	6.39	7.09	7.15	7.15	2.86
05/28/1993	2.99	3.14	3.33	3.67	4.19	4.78	5.49	5.96	6.46	7.1	7.16	7.16	2.99
06/30/1993	2.84	3.15	3.27	3.53	4	4.53	5.16	5.57	6.05	6.74	6.84	6.84	2.84
07/30/1993	2.91	3.14	3.29	3.58	4.11	4.64	5.25	5.64	6.05	6.63	6.71	6.71	2.91
08/31/1993	2.93	3.1	3.18	3.42	3.84	4.29	4.88	5.3	5.71	6.31	6.33	6.33	2.93
09/30/1993	2.68	3.06	3.15	3.43	3.86	4.34	4.89	5.24	5.67	6.34	6.32	6.34	2.68
10/29/1993	2.88	3.17	3.26	3.52	3.98	4.41	4.94	5.29	5.7	6.31	6.28	6.31	2.88
11/30/1993	2.87	3.19	3.39	3.64	4.19	4.68	5.27	5.66	6.08	6.62	6.57	6.62	2.87
12/31/1993	2.98	3.12	3.29	3.69	4.21	4.72	5.3	5.66	6.08	6.65	6.6	6.65	2.98
01/31/1994	2.77	3.03	3.2	3.53	4.09	4.55	5.11	5.48	5.87	6.45	6.45	6.45	2.77
02/28/1994	2.95	3.47	3.73	4.09	4.7	5.17	5.72	6.07	6.44	6.94	6.9	6.94	2.95
03/31/1994	3.41	3.59	3.97	4.57	5.26	5.81	6.38	6.73	7.06	7.42	7.35	7.42	3.41
04/29/1994	3.55	3.97	4.46	5.1	5.8	6.29	6.76	7.02	7.32	7.62	7.54	7.62	3.55
05/31/1994	3.86	4.35	4.88	5.38	6.07	6.49	6.9	7.14	7.43	7.76	7.66	7.76	3.86
06/30/1994	3.54	4.37	4.95	5.54	6.22	6.66	7.09	7.33	7.62	7.93	7.81	7.93	3.54
07/29/1994	4.01	4.46	4.92	5.44	6.06	6.43	6.84	7.1	7.37	7.64	7.55	7.64	4.01
08/31/1994	4.4	4.74	5	5.57	6.19	6.54	6.92	7.16	7.45	7.78	7.68	7.78	4.4
09/30/1994	4.6	4.94	5.48	6	6.66	7.05	7.42	7.62	7.89	8.18	8.07	8.18	4.6
10/31/1994	4.48	5.31	5.66	6.21	6.89	7.26	7.62	7.81	8.06	8.29	8.2	8.29	4.48
11/30/1994	4.89	5.75	6.26	6.96	7.53	7.77	7.93	8	8.14	8.29	8.2	8.29	4.89
12/30/1994	4.53	5.84	6.59	7.39	7.86	7.95	8	8.01	8.08	8.18	8.06	8.18	4.53
01/31/1995	5.31	6.09	6.41	6.96	7.38	7.56	7.69	7.74	7.85	7.98	7.88	7.98	5.31

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
02/28/1995	5.27	6.04	6.28	6.56	6.87	7.05	7.23	7.32	7.48	7.73	7.64	7.73	5.27
03/31/1995	5.92	5.98	6.23	6.58	6.89	7.05	7.23	7.33	7.5	7.72	7.62	7.72	5.92
04/28/1995	5.84	5.95	6.14	6.41	6.68	6.84	7.02	7.13	7.34	7.61	7.53	7.61	5.84
05/31/1995	5.72	5.99	5.92	5.91	5.94	6.04	6.2	6.33	6.56	6.9	6.83	6.9	5.72
06/30/1995	5.47	5.77	5.75	5.8	5.91	5.98	6.12	6.24	6.48	6.83	6.77	6.83	5.47
07/31/1995	5.71	5.77	5.7	5.77	5.96	6.12	6.33	6.47	6.72	7.05	7.01	7.05	5.7
08/31/1995	5.49	5.58	5.61	5.74	5.91	6.03	6.21	6.33	6.56	6.88	6.83	6.88	5.49
09/29/1995	5.46	5.59	5.62	5.8	5.93	6.02	6.15	6.24	6.45	6.76	6.69	6.76	5.46
10/31/1995	5.18	5.65	5.57	5.65	5.71	5.81	5.95	6.05	6.25	6.54	6.5	6.54	5.18
11/30/1995	5.7	5.57	5.52	5.46	5.45	5.52	5.66	5.79	6.01	6.35	6.3	6.35	5.45
12/29/1995	4.75	5.2	5.25	5.27	5.25	5.35	5.5	5.61	5.82	6.15	6.09	6.15	4.75
01/31/1996	4.78	5.15	5.02	5	5.01	5.16	5.39	5.58	5.84	6.2	6.17	6.2	4.78
02/29/1996	5.01	5.13	5.13	5.26	5.48	5.64	5.9	6.1	6.37	6.73	6.67	6.73	5.01
03/29/1996	5.4	5.28	5.31	5.54	5.87	6.03	6.26	6.41	6.65	6.98	6.9	6.98	5.28
04/30/1996	5.04	5.18	5.39	5.7	6.12	6.32	6.56	6.72	6.94	7.22	7.11	7.22	5.04
05/31/1996	5.16	5.36	5.42	5.83	6.3	6.54	6.78	6.91	7.09	7.32	7.21	7.32	5.16
06/28/1996	4.91	5.38	5.45	5.83	6.21	6.4	6.62	6.75	6.94	7.18	7.08	7.18	4.91
07/31/1996	5.12	5.5	5.59	5.97	6.28	6.49	6.7	6.83	7	7.22	7.15	7.22	5.12
08/30/1996	5.22	5.39	5.49	5.95	6.41	6.64	6.86	6.99	7.17	7.41	7.32	7.41	5.22
09/30/1996	5.21	5.26	5.39	5.81	6.17	6.38	6.61	6.74	6.94	7.19	7.1	7.19	5.21
10/31/1996	5.07	5.32	5.28	5.55	5.8	5.99	6.22	6.36	6.57	6.85	6.78	6.85	5.07
11/29/1996	5.13	5.2	5.25	5.47	5.65	5.78	5.95	6.07	6.27	6.57	6.51	6.57	5.13
12/31/1996	5.12	5.2	5.32	5.65	5.96	6.14	6.34	6.46	6.63	6.86	6.81	6.86	5.12
01/31/1997	5.04	5.22	5.3	5.67	5.99	6.18	6.4	6.53	6.73	6.99	6.95	6.99	5.04
02/28/1997	5.13	5.3	5.45	5.78	6.16	6.35	6.53	6.63	6.8	7.05	7	7.05	5.13
03/31/1997	5.32	5.4	5.66	6.12	6.52	6.72	6.91	7.02	7.16	7.36	7.29	7.36	5.32
04/30/1997	5.07	5.35	5.7	6	6.36	6.54	6.73	6.83	6.98	7.19	7.13	7.19	5.07
05/30/1997	4.4	5.22	5.51	5.94	6.26	6.46	6.64	6.73	6.89	7.12	7.07	7.12	4.4
06/30/1997	5.18	5.35	5.4	5.83	6.15	6.34	6.51	6.6	6.75	6.98	6.93	6.98	5.18
07/31/1997	5.26	5.38	5.32	5.61	5.79	5.9	6.02	6.11	6.25	6.48	6.42	6.48	5.26
08/29/1997	4.91	5.38	5.39	5.78	6.05	6.21	6.36	6.45	6.6	6.81	6.75	6.81	4.91
09/30/1997	4.98	5.17	5.28	5.67	5.87	6	6.13	6.21	6.36	6.57	6.53	6.57	4.98
10/31/1997	5.07	5.43	5.28	5.59	5.74	5.8	5.89	5.97	6.1	6.32	6.27	6.32	5.07
11/28/1997	5.16	5.33	5.44	5.76	5.9	5.94	5.99	6.02	6.1	6.25	6.2	6.25	5.16

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/31/1997	4.98	5.43	5.46	5.65	5.75	5.79	5.83	5.87	5.95	6.1	6.06	6.1	4.98
01/30/1998	5.05	5.28	5.28	5.42	5.42	5.45	5.53	5.6	5.74	5.98	5.93	5.98	5.05
02/27/1998	5.05	5.35	5.37	5.57	5.63	5.67	5.72	5.76	5.88	6.09	6.05	6.09	5.05
03/31/1998	5.38	5.22	5.32	5.58	5.69	5.72	5.77	5.82	5.93	6.11	6.06	6.11	5.22
04/30/1998	4.78	5.08	5.37	5.56	5.69	5.72	5.78	5.83	5.95	6.13	6.07	6.13	4.78
05/29/1998	4.66	5.14	5.43	5.59	5.64	5.67	5.71	5.73	5.82	5.99	5.94	5.99	4.66
06/30/1998	4.87	5.16	5.39	5.57	5.59	5.61	5.63	5.65	5.7	5.81	5.75	5.81	4.87
07/31/1998	4.94	5.28	5.33	5.56	5.58	5.62	5.65	5.67	5.75	5.9	5.83	5.9	4.94
08/31/1998	4.85	5.01	5	5.12	4.95	4.98	5.06	5.13	5.27	5.49	5.4	5.49	4.85
09/30/1998	3.56	4.45	4.52	4.66	4.43	4.42	4.47	4.52	4.8	5.27	5.17	5.27	3.56
10/30/1998	3.61	4.55	4.36	4.45	4.35	4.43	4.56	4.66	4.98	5.5	5.31	5.5	3.61
11/30/1998	4.62	4.57	4.61	4.71	4.62	4.7	4.78	4.83	5.02	5.41	5.26	5.41	4.57
12/31/1998	4.5	4.51	4.56	4.69	4.68	4.74	4.79	4.81	5.06	5.49	5.31	5.49	4.5
01/29/1999	4.45	4.54	4.5	4.69	4.69	4.72	4.77	4.81	5.04	5.44	5.27	5.44	4.45
02/26/1999	4.27	4.72	4.71	5.09	5.24	5.36	5.46	5.51	5.69	5.97	5.79	5.97	4.27
03/31/1999	4.74	4.51	4.61	4.91	5.09	5.24	5.4	5.48	5.7	6.02	5.86	6.02	4.51
04/30/1999	4.6	4.61	4.71	4.94	5.17	5.31	5.43	5.49	5.72	6.03	5.88	6.03	4.6
05/28/1999	4.53	4.72	4.91	5.15	5.52	5.7	5.84	5.89	6.03	6.23	6.05	6.23	4.53
06/30/1999	4.36	4.85	5.03	5.23	5.6	5.77	5.92	5.99	6.16	6.38	6.18	6.38	4.36
07/30/1999	4.58	4.87	4.95	5.31	5.73	5.92	6.09	6.17	6.32	6.49	6.3	6.49	4.58
08/31/1999	4.66	5.03	5.16	5.51	5.83	6.01	6.18	6.26	6.4	6.58	6.32	6.58	4.66
09/30/1999	4.6	4.92	5.01	5.45	5.73	5.89	6.06	6.16	6.34	6.56	6.31	6.56	4.6
10/29/1999	4.53	5.26	5.29	5.64	5.92	6.08	6.22	6.28	6.43	6.62	6.38	6.62	4.53
11/30/1999	4.82	5.31	5.63	5.91	6.13	6.25	6.36	6.41	6.58	6.73	6.51	6.73	4.82
12/31/1999	5.21	5.47	5.76	6.17	6.36	6.5	6.63	6.69	6.81	6.93	6.7	6.93	5.21
01/31/2000	5.53	5.83	5.95	6.46	6.77	6.83	6.88	6.89	6.88	6.81	6.65	6.89	5.53
02/29/2000	5.58	5.91	6.12	6.42	6.67	6.77	6.81	6.81	6.73	6.55	6.35	6.81	5.58
03/31/2000	6.11	5.99	6.24	6.47	6.62	6.58	6.49	6.41	6.36	6.27	6.04	6.62	5.99
04/28/2000	5.52	6.01	6.23	6.63	6.81	6.78	6.7	6.62	6.53	6.39	6.19	6.81	5.52
05/31/2000	4.82	5.81	6.4	6.81	6.85	6.81	6.71	6.63	6.57	6.49	6.24	6.85	4.82
06/30/2000	5.75	6.05	6.36	6.54	6.55	6.49	6.42	6.36	6.35	6.34	6.12	6.55	5.75
07/31/2000	6.18	6.2	6.56	6.55	6.47	6.44	6.38	6.32	6.27	6.21	5.98	6.56	5.98
08/31/2000	6.36	6.52	6.39	6.48	6.29	6.24	6.14	6.07	6.04	6.03	5.84	6.52	5.84
09/29/2000	6.11	6.41	6.34	6.42	6.12	6.07	6.04	6.03	6.11	6.22	6.04	6.42	6.03

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/31/2000	6.31	6.56	6.39	6.45	6.08	6.02	5.98	5.95	6.01	6.11	5.93	6.56	5.93
11/30/2000	6.29	6.36	6.27	6.2	5.77	5.72	5.66	5.62	5.71	5.88	5.73	6.36	5.62
12/29/2000	6.01	5.99	5.79	5.62	5.28	5.26	5.25	5.25	5.41	5.69	5.56	6.01	5.25
01/31/2001	4.88	5.11	4.79	4.8	4.74	4.88	5.04	5.13	5.37	5.71	5.6	5.71	4.74
02/28/2001	5	4.93	4.77	4.61	4.54	4.71	4.88	4.98	5.21	5.59	5.49	5.59	4.54
03/30/2001	4.55	4.29	4.23	4.23	4.33	4.56	4.79	4.94	5.25	5.7	5.6	5.7	4.23
04/30/2001	3.83	3.92	4.01	4.09	4.41	4.76	5.11	5.32	5.63	6.03	5.93	6.03	3.83
05/31/2001	3.44	3.7	3.6	3.82	4.31	4.74	5.13	5.35	5.65	6.04	5.89	6.04	3.44
06/29/2001	3.4	3.74	3.67	3.93	4.37	4.79	5.18	5.39	5.69	6.04	5.9	6.04	3.4
07/31/2001	3.76	3.61	3.49	3.5	3.89	4.33	4.76	4.99	5.32	5.74	5.65	5.74	3.49
08/31/2001	3.47	3.42	3.28	3.35	3.7	4.16	4.58	4.81	5.14	5.56	5.48	5.56	3.28
09/28/2001	2.36	2.41	2.38	2.53	2.88	3.49	4.1	4.45	4.94	5.57	5.52	5.57	2.36
10/31/2001	2.18	2.07	1.92	1.94	2.39	3.07	3.72	4.08	4.56	5.16	4.98	5.16	1.92
11/30/2001	1.82	1.78	1.79	2	2.87	3.62	4.29	4.63	5.11	5.7	5.44	5.7	1.78
12/31/2001	1.67	1.71	1.77	1.94	3.08	3.9	4.6	4.93	5.38	5.88	5.65	5.88	1.67
01/31/2002	1.67	1.74	1.86	2.2	3.12	3.92	4.6	4.93	5.33	5.8	5.59	5.8	1.67
02/28/2002	1.76	1.76	1.86	2.13	3.02	3.76	4.43	4.77	5.22	5.73	5.56	5.73	1.76
03/28/2002	1.74	1.77	2.1	2.7	3.73	4.46	5.07	5.37	5.74	6.16	5.97	6.16	1.74
04/30/2002	1.77	1.74	1.89	2.18	3.24	3.99	4.65	4.97	5.37	5.85	5.73	5.85	1.74
05/31/2002	1.7	1.73	1.86	2.24	3.2	3.85	4.49	4.85	5.32	5.87	5.74	5.87	1.7
06/28/2002	1.68	1.7	1.75	1.94	2.87	3.55	4.22	4.6	5.12	5.76	5.65	5.76	1.68
07/31/2002	1.74	1.71	1.7	1.63	2.2	2.92	3.69	4.16	4.77	5.54	5.43	5.54	1.63
08/30/2002	1.69	1.67	1.64	1.68	2.08	2.67	3.37	3.82	4.42	5.18	5.02	5.18	1.64
09/30/2002	1.6	1.59	1.5	1.41	1.69	2.15	2.78	3.25	3.95	4.88	4.77	4.88	1.41
10/31/2002	1.48	1.46	1.4	1.32	1.68	2.24	2.97	3.49	4.23	5.18	5.11	5.18	1.32
11/29/2002	1.25	1.2	1.28	1.44	2.11	2.74	3.45	3.89	4.51	5.3	5.13	5.3	1.2
12/31/2002	1.15	1.17	1.2	1.16	1.57	2.16	2.9	3.4	4.09	4.99	4.88	4.99	1.15
01/31/2003	1.15	1.15	1.18	1.26	1.66	2.34	3.11	3.59	4.23	5.05	4.91	5.05	1.15
02/28/2003	1.2	1.21	1.21	1.21	1.45	2.05	2.78	3.28	3.94	4.83	4.75	4.83	1.2
03/31/2003	1.14	1.1	1.12	1.13	1.44	2.09	2.87	3.39	4.07	4.96	4.89	4.96	1.1
04/30/2003	1.11	1.1	1.15	1.14	1.43	2.1	2.9	3.42	4.07	4.91	4.83	4.91	1.1
05/30/2003	1.14	1.11	1.1	1.18	1.28	1.72	2.39	2.91	3.58	4.49	4.43	4.49	1.1
06/30/2003	0.79	0.87	0.97	1.04	1.23	1.78	2.52	3.05	3.72	4.64	4.63	4.64	0.79
07/31/2003	0.89	1.06	0.69	1.27	1.66	2.45	3.37	3.96	4.65	5.5	5.41	5.5	0.69

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/29/2003	0.99	1	1.06	1.31	1.88	2.67	3.53	4.04	4.67	5.43	5.25	5.43	0.99
09/30/2003	0.86	0.92	1	1.05	1.36	2.06	2.9	3.44	4.13	5.02	4.92	5.02	0.86
10/31/2003	0.95	0.94	1.03	1.28	1.76	2.49	3.31	3.83	4.48	5.29	5.16	5.29	0.94
11/28/2003	0.94	0.92	1.02	1.46	1.98	2.66	3.41	3.88	4.5	5.3	5.14	5.3	0.92
12/31/2003	0.88	0.89	0.97	1.22	1.75	2.47	3.28	3.79	4.42	5.22	5.09	5.22	0.88
01/30/2004	0.83	0.89	0.99	1.23	1.75	2.44	3.21	3.7	4.31	5.11	4.96	5.11	0.83
02/27/2004	0.94	0.94	1	1.11	1.57	2.23	3	3.5	4.13	4.95	4.86	4.95	0.94
03/31/2004	0.95	0.92	0.99	1.1	1.51	2.1	2.85	3.36	4.01	4.87	4.78	4.87	0.92
04/30/2004	0.82	0.95	1.16	1.61	2.28	2.97	3.7	4.13	4.71	5.43	5.27	5.43	0.82
05/28/2004	0.92	1.05	1.37	1.82	2.51	3.19	3.89	4.3	4.84	5.5	5.32	5.5	0.92
06/30/2004	1.13	1.25	1.67	2	2.65	3.23	3.86	4.24	4.77	5.43	5.28	5.43	1.13
07/30/2004	1.28	1.43	1.73	2.05	2.64	3.18	3.78	4.14	4.66	5.34	5.17	5.34	1.28
08/31/2004	1.46	1.58	1.75	1.9	2.31	2.81	3.38	3.75	4.3	5.04	4.9	5.04	1.46
09/30/2004	1.49	1.69	1.98	2.18	2.56	2.96	3.45	3.78	4.3	5	4.87	5	1.49
10/29/2004	1.77	1.94	2.13	2.21	2.51	2.89	3.37	3.69	4.2	4.9	4.75	4.9	1.77
11/30/2004	2.06	2.21	2.36	2.65	2.99	3.34	3.77	4.06	4.52	5.13	4.95	5.13	2.06
12/31/2004	1.93	2.27	2.58	2.75	3.06	3.33	3.69	3.95	4.38	4.95	4.75	4.95	1.93
01/31/2005	2.12	2.46	2.72	2.97	3.27	3.48	3.75	3.94	4.27	4.72	4.49	4.72	2.12
02/28/2005	2.53	2.76	3.01	3.28	3.61	3.84	4.08	4.23	4.51	4.88	4.61	4.88	2.53
03/31/2005	2.63	2.8	3.16	3.38	3.81	4.01	4.23	4.36	4.62	4.95	4.58	4.95	2.63
04/29/2005	2.72	2.92	3.2	3.4	3.66	3.79	3.95	4.06	4.32	4.68	4.35	4.68	2.72
05/31/2005	2.78	3.04	3.12	3.4	3.58	3.67	3.78	3.86	4.1	4.44	4.2	4.44	2.78
06/30/2005	3.01	3.18	3.35	3.53	3.64	3.69	3.76	3.82	4.03	4.32	4.05	4.32	3.01
07/29/2005	3.29	3.46	3.68	3.93	4.03	4.11	4.18	4.22	4.39	4.61	4.32	4.61	3.29
08/31/2005	3.46	3.55	3.68	3.8	3.83	3.86	3.91	3.96	4.13	4.37	4.1	4.37	3.46
09/30/2005	3.26	3.6	3.98	4.16	4.2	4.23	4.27	4.3	4.46	4.69	4.44	4.69	3.26
10/31/2005	3.81	4.01	4.19	4.41	4.42	4.48	4.52	4.55	4.7	4.89	4.59	4.89	3.81
11/30/2005	4.04	3.93	4.3	4.49	4.44	4.45	4.48	4.51	4.66	4.86	4.39	4.86	3.93
12/30/2005	4.11	4.13	4.37	4.48	4.44	4.43	4.41	4.41	4.52	4.67	4.33	4.67	4.11
01/31/2006	4.39	4.51	4.57	4.66	4.55	4.55	4.54	4.54	4.65	4.79	4.51	4.79	4.39
02/28/2006	4.55	4.69	4.82	4.79	4.74	4.71	4.67	4.64	4.7	4.75	4.56	4.82	4.55
03/31/2006	4.72	4.67	4.88	4.94	4.89	4.88	4.89	4.9	5.01	5.13	4.95	5.13	4.67
04/28/2006	4.7	4.85	4.99	4.99	4.92	4.94	4.99	5.04	5.2	5.38	5.23	5.38	4.7
05/31/2006	4.85	5	5.13	5.24	5.09	5.09	5.11	5.13	5.27	5.44	5.3	5.44	4.85

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
06/30/2006	3.24	5.32	5.24	5.4	5.24	5.19	5.17	5.17	5.28	5.38	5.26	5.4	3.24
07/31/2006	5.26	5.27	5.25	5.19	5.02	4.97	4.96	4.98	5.1	5.23	5.13	5.27	4.96
08/31/2006	5.25	5.16	5.12	5.08	4.81	4.76	4.74	4.74	4.86	5.01	4.93	5.25	4.74
09/29/2006	4.77	5	5.03	5.01	4.73	4.66	4.63	4.64	4.75	4.89	4.81	5.03	4.63
10/31/2006	5.36	5.23	5.13	4.98	4.73	4.65	4.61	4.61	4.72	4.86	4.76	5.36	4.61
11/30/2006	5.34	5.1	5.14	4.93	4.65	4.54	4.48	4.47	4.58	4.72	4.6	5.34	4.47
12/29/2006	4.95	5.1	5.12	5.09	4.86	4.78	4.73	4.73	4.83	4.96	4.86	5.12	4.73
01/31/2007	5.1	5.2	5.15	5.11	4.97	4.89	4.85	4.84	4.94	5.06	4.96	5.2	4.84
02/28/2007	5.38	5.24	5.19	4.97	4.7	4.61	4.57	4.58	4.7	4.84	4.74	5.38	4.57
03/30/2007	5.19	5.1	5.13	4.99	4.66	4.6	4.6	4.63	4.79	4.99	4.91	5.19	4.6
04/30/2007	4.9	4.96	5.11	5.02	4.65	4.57	4.56	4.6	4.75	4.95	4.87	5.11	4.56
05/31/2007	4.85	4.88	4.94	5.15	4.97	4.92	4.9	4.91	5.02	5.16	5.07	5.16	4.85
06/29/2007	4.49	4.95	4.99	5.08	4.94	4.94	4.99	5.04	5.16	5.27	5.19	5.27	4.49
07/31/2007	5.32	5.06	5.04	4.85	4.58	4.56	4.64	4.73	4.89	5.05	4.96	5.32	4.56
08/31/2007	4.3	4.2	4.25	4.44	4.22	4.23	4.35	4.47	4.7	4.94	4.88	4.94	4.2
09/28/2007	3.5	3.86	4.12	4.13	4.01	4.1	4.31	4.48	4.73	4.96	4.89	4.96	3.5
10/31/2007	4.1	3.99	4.07	4.14	3.95	4.03	4.21	4.37	4.62	4.86	4.8	4.86	3.95
11/30/2007	3.49	3.14	3.33	3.25	3	3.14	3.48	3.78	4.14	4.49	4.43	4.49	3
12/31/2007	2.94	3.29	3.41	3.29	3.02	3.17	3.53	3.85	4.22	4.58	4.51	4.58	2.94
01/31/2008	1.6	1.92	2.07	2.13	2.05	2.32	2.86	3.32	3.84	4.41	4.37	4.41	1.6
02/29/2008	2.11	1.85	1.83	1.64	1.56	1.92	2.6	3.15	3.77	4.45	4.45	4.45	1.56
03/31/2008	1.24	1.32	1.47	1.51	1.48	1.87	2.5	3	3.69	4.39	4.34	4.39	1.24
04/30/2008	1.22	1.35	1.58	1.98	2.19	2.55	3.07	3.46	3.99	4.56	4.51	4.56	1.22
05/30/2008	1.98	1.92	2	2.25	2.61	3.01	3.5	3.84	4.31	4.82	4.77	4.82	1.92
06/30/2008	1.71	1.77	2.2	2.33	2.54	2.93	3.42	3.74	4.2	4.66	4.57	4.66	1.71
07/31/2008	1.58	1.67	1.85	2.26	2.42	2.8	3.32	3.68	4.18	4.7	4.62	4.7	1.58
08/29/2008	1.68	1.71	1.88	2.19	2.27	2.65	3.16	3.52	4.01	4.54	4.47	4.54	1.68
09/30/2008	0.97	0.72	1.41	1.89	1.81	2.34	3.05	3.55	4.07	4.51	4.36	4.51	0.72
10/31/2008	0.17	0.39	0.9	1.46	1.36	1.85	2.92	3.83	4.51	4.84	4.4	4.84	0.17
11/28/2008	0.03	-0.02	0.45	0.85	0.83	1.11	1.96	2.75	3.39	3.79	3.46	3.79	-0.02
12/31/2008	0.02	0.04	0.17	0.31	0.63	0.93	1.58	2.13	2.69	3.11	2.6	3.11	0.02
01/30/2009	0.16	0.2	0.34	0.47	0.89	1.24	2.03	2.72	3.38	3.98	3.61	3.98	0.16
02/27/2009	0.15	0.22	0.45	0.69	0.92	1.34	2.16	2.85	3.5	4.06	3.76	4.06	0.15
03/31/2009	0.13	0.16	0.4	0.56	0.74	1.09	1.77	2.36	2.99	3.67	3.6	3.67	0.13

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
04/30/2009	0.03	0.11	0.26	0.46	0.89	1.36	2.16	2.8	3.5	4.18	4.1	4.18	0.03
05/29/2009	0.1	0.13	0.28	0.47	0.8	1.45	2.4	3.11	3.81	4.43	4.4	4.43	0.1
06/30/2009	0.14	0.14	0.34	0.47	0.96	1.69	2.63	3.27	3.87	4.4	4.38	4.4	0.14
07/31/2009	0.13	0.17	0.26	0.47	1.01	1.67	2.57	3.2	3.8	4.37	4.35	4.37	0.13
08/31/2009	0.1	0.14	0.21	0.38	0.87	1.53	2.45	3.12	3.71	4.22	4.23	4.23	0.1
09/30/2009	0.05	0.08	0.15	0.35	0.82	1.48	2.37	3	3.58	4.13	4.1	4.13	0.05
10/30/2009	0.01	0.04	0.15	0.31	0.79	1.46	2.37	3.02	3.64	4.28	4.26	4.28	0.01
11/30/2009	0.07	0.03	0.13	0.25	0.57	1.16	2.06	2.75	3.42	4.18	4.25	4.25	0.03
12/31/2009	0.04	0.04	0.18	0.5	1.05	1.75	2.71	3.39	4.02	4.65	4.67	4.67	0.04
01/29/2010	0.01	0.06	0.14	0.25	0.72	1.4	2.38	3.11	3.77	4.44	4.53	4.53	0.01
02/26/2010	0.08	0.11	0.18	0.27	0.71	1.38	2.37	3.1	3.79	4.5	4.6	4.6	0.08
03/31/2010	0.15	0.13	0.23	0.39	0.9	1.63	2.62	3.32	3.97	4.64	4.76	4.76	0.13
04/30/2010	0.14	0.15	0.23	0.4	0.85	1.54	2.48	3.15	3.79	4.43	4.58	4.58	0.14
05/28/2010	0.14	0.15	0.2	0.4	0.67	1.31	2.2	2.83	3.47	4.14	4.28	4.28	0.14
06/30/2010	0.16	0.16	0.18	0.36	0.49	1.04	1.85	2.46	3.11	3.82	3.96	3.96	0.16
07/30/2010	0.14	0.14	0.18	0.31	0.46	0.87	1.67	2.35	3.04	3.85	4.06	4.06	0.14
08/31/2010	0.15	0.13	0.17	0.27	0.41	0.73	1.4	1.96	2.58	3.33	3.6	3.6	0.13
09/30/2010	0.14	0.13	0.17	0.26	0.36	0.66	1.36	1.97	2.64	3.5	3.77	3.77	0.13
10/29/2010	0.13	0.11	0.16	0.25	0.26	0.53	1.27	1.95	2.74	3.77	4.06	4.06	0.11
11/30/2010	0.17	0.15	0.19	0.3	0.38	0.77	1.52	2.15	2.92	3.92	4.17	4.17	0.15
12/31/2010	0.07	0.11	0.17	0.32	0.46	1.11	2.04	2.71	3.42	4.25	4.39	4.39	0.07
01/31/2011	0.14	0.14	0.16	0.27	0.45	1.04	1.98	2.71	3.49	4.43	4.62	4.62	0.14
02/28/2011	0.08	0.13	0.16	0.25	0.55	1.23	2.17	2.84	3.53	4.37	4.56	4.56	0.08
03/31/2011	0.05	0.09	0.17	0.3	0.72	1.39	2.29	2.93	3.59	4.39	4.57	4.57	0.05
04/29/2011	0.02	0.04	0.09	0.22	0.48	1.09	2.01	2.7	3.42	4.28	4.46	4.46	0.02
05/31/2011	0.04	0.05	0.09	0.2	0.37	0.86	1.72	2.41	3.15	4.06	4.29	4.29	0.04
06/30/2011	0.01	0.01	0.08	0.21	0.38	0.91	1.8	2.49	3.28	4.22	4.44	4.44	0.01
07/29/2011	0.12	0.08	0.16	0.27	0.3	0.61	1.4	2.1	2.91	3.93	4.19	4.19	0.08
08/31/2011	0.01	0.01	0.03	0.13	0.16	0.39	1.01	1.57	2.32	3.36	3.68	3.68	0.01
09/30/2011	0.01	0.01	0.06	0.17	0.24	0.48	0.99	1.43	2.02	2.81	2.98	2.98	0.01
10/31/2011	0.01	0	0.04	0.15	0.21	0.43	1.02	1.56	2.21	3.01	3.19	3.19	0
11/30/2011	0.01	-0	0.05	0.13	0.24	0.45	1.01	1.52	2.14	2.91	3.1	3.1	-0
12/30/2011	0	0.02	0.05	0.14	0.24	0.42	0.91	1.36	1.95	2.74	2.95	2.95	0
01/31/2012	0.04	0.05	0.08	0.13	0.2	0.31	0.77	1.22	1.87	2.75	2.98	2.98	0.04

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
02/29/2012	0.07	0.07	0.12	0.19	0.29	0.46	0.93	1.37	2.02	2.9	3.12	3.12	0.07
03/30/2012	0.03	0.07	0.13	0.23	0.33	0.57	1.13	1.62	2.29	3.16	3.37	3.37	0.03
04/30/2012	0.08	0.09	0.15	0.21	0.26	0.42	0.89	1.33	1.99	2.89	3.15	3.15	0.08
05/31/2012	0.03	0.07	0.13	0.21	0.26	0.39	0.72	1.03	1.58	2.41	2.69	2.69	0.03
06/29/2012	0.03	0.09	0.15	0.25	0.31	0.45	0.8	1.13	1.7	2.54	2.8	2.8	0.03
07/31/2012	0.06	0.09	0.14	0.19	0.2	0.31	0.65	0.98	1.54	2.34	2.59	2.59	0.06
08/31/2012	0.08	0.09	0.13	0.19	0.23	0.31	0.67	1.01	1.59	2.43	2.7	2.7	0.08
09/28/2012	0.05	0.08	0.15	0.19	0.24	0.33	0.69	1.06	1.68	2.58	2.84	2.84	0.05
10/31/2012	0.09	0.11	0.15	0.21	0.28	0.41	0.79	1.15	1.75	2.61	2.88	2.88	0.09
11/30/2012	0.06	0.07	0.13	0.2	0.27	0.35	0.7	1.05	1.65	2.54	2.83	2.83	0.06
12/31/2012	0.03	0.04	0.11	0.18	0.25	0.39	0.8	1.18	1.8	2.69	2.96	2.96	0.03
01/31/2013	0.03	0.07	0.1	0.17	0.25	0.45	0.94	1.39	2.04	2.92	3.18	3.18	0.03
02/28/2013	0.06	0.11	0.12	0.18	0.23	0.38	0.84	1.27	1.92	2.85	3.11	3.11	0.06
03/28/2013	0.03	0.07	0.11	0.17	0.25	0.39	0.83	1.24	1.9	2.87	3.13	3.13	0.03
04/30/2013	0.02	0.04	0.08	0.13	0.21	0.33	0.74	1.13	1.74	2.65	2.92	2.92	0.02
05/31/2013	0.02	0.03	0.07	0.16	0.26	0.54	1.08	1.54	2.18	3.07	3.3	3.3	0.02
06/28/2013	0.01	0.03	0.09	0.19	0.29	0.75	1.44	1.95	2.55	3.32	3.51	3.51	0.01
07/31/2013	0.02	0.03	0.06	0.14	0.23	0.7	1.43	2.01	2.65	3.45	3.65	3.65	0.02
08/30/2013	0.01	0.02	0.05	0.17	0.32	0.89	1.68	2.26	2.85	3.55	3.73	3.73	0.01
09/30/2013	0.02	0.01	0.03	0.13	0.24	0.69	1.44	2.02	2.67	3.51	3.72	3.72	0.01
10/31/2013	0.03	0.03	0.07	0.14	0.23	0.67	1.4	1.97	2.62	3.46	3.68	3.68	0.03
11/29/2013	0.04	0.06	0.1	0.18	0.21	0.65	1.45	2.1	2.8	3.64	3.84	3.84	0.04
12/31/2013	0.02	0.06	0.07	0.16	0.28	0.89	1.79	2.45	3.09	3.81	4	4	0.02
01/31/2014	0.03	0.02	0.05	0.14	0.25	0.78	1.55	2.13	2.72	3.44	3.64	3.64	0.02
02/28/2014	0.04	0.04	0.07	0.15	0.24	0.78	1.56	2.13	2.71	3.41	3.62	3.62	0.04
03/31/2014	0.02	0.03	0.06	0.11	0.32	0.97	1.76	2.3	2.79	3.4	3.59	3.59	0.02
04/30/2014	0.02	0.02	0.05	0.09	0.32	0.94	1.71	2.23	2.71	3.3	3.49	3.49	0.02
05/30/2014	0.03	0.03	0.06	0.1	0.29	0.85	1.57	2.06	2.53	3.15	3.35	3.35	0.03
06/30/2014	0.02	0.02	0.06	0.11	0.36	0.94	1.66	2.13	2.59	3.19	3.39	3.39	0.02
07/31/2014	0	0.02	0.06	0.11	0.44	1.09	1.79	2.22	2.63	3.16	3.35	3.35	0
08/29/2014	0.01	0.02	0.05	0.1	0.44	1.03	1.66	2.04	2.41	2.92	3.11	3.11	0.01
09/30/2014	0.01	0.01	0.03	0.09	0.51	1.15	1.81	2.2	2.56	3.04	3.23	3.23	0.01
10/31/2014	-0	0.02	0.06	0.13	0.45	1.03	1.66	2.05	2.42	2.9	3.11	3.11	-0
11/28/2014	0.03	0.02	0.07	0.14	0.41	0.94	1.52	1.89	2.24	2.73	2.94	2.94	0.02

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
12/31/2014	0.01	0.01	0.08	0.27	0.62	1.15	1.68	1.98	2.23	2.58	2.81	2.81	0.01
01/30/2015	-0	0.01	0.05	0.18	0.41	0.79	1.2	1.44	1.73	2.13	2.27	2.27	-0
02/27/2015	0.02	0.01	0.06	0.24	0.59	1.06	1.54	1.81	2.08	2.48	2.62	2.62	0.01
03/31/2015	0.04	-0.01	0.1	0.28	0.51	0.94	1.41	1.7	1.99	2.42	2.58	2.58	-0.01
04/30/2015	-0.01	0.01	0.05	0.25	0.54	0.97	1.47	1.79	2.11	2.61	2.78	2.78	-0.01
05/29/2015	0	0.01	0.05	0.29	0.55	1	1.53	1.87	2.2	2.75	2.93	2.93	0
06/30/2015	-0.04	0	0.06	0.31	0.58	1.09	1.69	2.09	2.42	2.96	3.17	3.17	-0.04
07/31/2015	0.03	0.06	0.14	0.34	0.61	1.05	1.58	1.94	2.22	2.72	2.95	2.95	0.03
08/31/2015	-0.01	0.02	0.22	0.41	0.71	1.13	1.63	1.96	2.29	2.8	3.02	3.02	-0.01
09/30/2015	-0.02	-0.01	0.05	0.37	0.59	0.96	1.43	1.76	2.08	2.64	2.91	2.91	-0.02
10/30/2015	0.02	0.06	0.21	0.45	0.7	1.1	1.59	1.9	2.21	2.71	2.97	2.97	0.02
11/30/2015	0.12	0.16	0.36	0.67	0.9	1.27	1.72	2	2.28	2.76	3.02	3.02	0.12
12/31/2015	0.1	0.18	0.5	0.78	1.02	1.39	1.82	2.1	2.35	2.8	3.05	3.05	0.1
01/29/2016	0.23	0.32	0.41	0.64	0.78	1.03	1.4	1.68	1.98	2.5	2.79	2.79	0.23
02/29/2016	0.22	0.29	0.45	0.68	0.73	0.96	1.29	1.54	1.81	2.33	2.66	2.66	0.22
03/31/2016	0.14	0.19	0.37	0.63	0.69	0.91	1.27	1.55	1.82	2.34	2.66	2.66	0.14
04/29/2016	0.14	0.19	0.36	0.6	0.74	0.99	1.35	1.62	1.88	2.41	2.71	2.71	0.14
05/31/2016	0.23	0.32	0.45	0.73	0.83	1.08	1.43	1.67	1.89	2.37	2.69	2.69	0.23
06/30/2016	0.19	0.24	0.33	0.51	0.55	0.74	1.04	1.28	1.5	1.99	2.34	2.34	0.19
07/29/2016	0.18	0.25	0.36	0.59	0.62	0.79	1.07	1.29	1.47	1.91	2.24	2.24	0.18
08/31/2016	0.27	0.3	0.43	0.67	0.77	0.98	1.25	1.45	1.61	2.01	2.27	2.27	0.27
09/30/2016	0.19	0.24	0.44	0.67	0.74	0.93	1.21	1.42	1.63	2.1	2.35	2.35	0.19
10/31/2016	0.16	0.31	0.46	0.7	0.82	1.05	1.37	1.62	1.86	2.36	2.61	2.61	0.16
11/30/2016	0.35	0.48	0.57	0.87	1.06	1.46	1.93	2.22	2.44	2.86	3.07	3.07	0.35
12/30/2016	0.42	0.5	0.62	0.91	1.12	1.52	1.98	2.28	2.51	2.91	3.11	3.11	0.42
01/31/2017	0.47	0.49	0.59	0.83	1.16	1.53	1.98	2.28	2.49	2.9	3.1	3.1	0.47
02/28/2017	0.43	0.58	0.69	0.91	1.21	1.58	1.99	2.25	2.43	2.84	3.04	3.04	0.43
03/31/2017	0.71	0.74	0.87	1.06	1.21	1.57	1.97	2.23	2.43	2.85	3.05	3.05	0.71
04/28/2017	0.67	0.78	0.95	1.12	1.22	1.5	1.86	2.11	2.32	2.77	2.99	2.99	0.67
05/31/2017	0.84	0.95	1.07	1.19	1.24	1.48	1.8	2.03	2.24	2.68	2.9	2.9	0.84
06/30/2017	0.84	1.01	1.11	1.29	1.34	1.59	1.92	2.14	2.32	2.68	2.87	2.87	0.84
07/31/2017	0.99	1.1	1.11	1.25	1.31	1.55	1.88	2.12	2.33	2.74	2.93	2.93	0.99
08/31/2017	0.98	0.95	1.09	1.25	1.29	1.47	1.74	1.95	2.14	2.54	2.76	2.76	0.95
09/29/2017	0.96	1.01	1.17	1.35	1.46	1.67	1.97	2.18	2.35	2.7	2.89	2.89	0.96

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
10/31/2017	1.01	1.13	1.24	1.46	1.57	1.78	2.04	2.24	2.38	2.72	2.9	2.9	1.01
11/30/2017	1.13	1.22	1.41	1.67	1.76	1.94	2.16	2.32	2.44	2.7	2.86	2.86	1.13
12/29/2017	1.25	1.36	1.51	1.81	1.86	2.02	2.22	2.35	2.42	2.63	2.77	2.77	1.25
01/31/2018	1.35	1.41	1.59	1.91	2.13	2.33	2.54	2.66	2.72	2.86	2.96	2.96	1.35
02/28/2018	1.51	1.63	1.85	2.05	2.26	2.45	2.67	2.81	2.9	3.06	3.16	3.16	1.51
03/29/2018	1.64	1.72	1.92	2.11	2.28	2.42	2.59	2.7	2.76	2.9	3.01	3.01	1.64
04/30/2018	1.66	1.82	2.01	2.26	2.51	2.66	2.83	2.93	2.97	3.07	3.16	3.16	1.66
05/31/2018	1.75	1.92	2.06	2.27	2.44	2.58	2.73	2.83	2.88	2.98	3.05	3.05	1.75
06/29/2018	1.77	1.95	2.1	2.36	2.55	2.66	2.77	2.84	2.88	2.96	3.02	3.02	1.77
07/31/2018	1.96	2.01	2.21	2.45	2.7	2.79	2.88	2.94	2.98	3.06	3.11	3.11	1.96
08/31/2018	1.98	2.12	2.24	2.46	2.65	2.71	2.78	2.83	2.87	2.98	3.04	3.04	1.98
09/28/2018	2.13	2.22	2.35	2.62	2.84	2.91	2.98	3.04	3.08	3.18	3.23	3.23	2.13
10/31/2018	2.23	2.35	2.44	2.71	2.9	2.94	3.02	3.09	3.16	3.34	3.42	3.42	2.23
11/30/2018	2.32	2.37	2.52	2.73	2.82	2.82	2.87	2.93	3.01	3.22	3.32	3.32	2.32
12/31/2018	2.49	2.4	2.5	2.65	2.5	2.49	2.55	2.63	2.7	2.92	3.05	3.05	2.4
01/31/2019	2.41	2.41	2.45	2.57	2.49	2.45	2.49	2.55	2.63	2.89	3.03	3.03	2.41
02/28/2019	2.4	2.45	2.52	2.57	2.55	2.52	2.57	2.65	2.74	2.98	3.11	3.11	2.4
03/29/2019	2.4	2.43	2.45	2.41	2.29	2.24	2.27	2.34	2.42	2.68	2.84	2.84	2.24
04/30/2019	2.45	2.42	2.46	2.4	2.29	2.26	2.33	2.42	2.52	2.8	2.96	2.96	2.26
05/31/2019	2.31	2.38	2.36	2.24	1.94	1.9	1.96	2.04	2.14	2.44	2.6	2.6	1.9
06/28/2019	2.02	2.13	2.07	1.97	1.78	1.74	1.8	1.9	2.02	2.38	2.57	2.57	1.74
07/31/2019	2.2	2.1	2.08	2.04	1.89	1.84	1.87	1.92	2.02	2.37	2.56	2.56	1.84
08/30/2019	2.02	1.97	1.86	1.81	1.53	1.45	1.42	1.45	1.52	1.83	1.99	2.02	1.42
09/30/2019	1.87	1.84	1.83	1.84	1.66	1.59	1.58	1.61	1.69	1.99	2.14	2.14	1.58
10/31/2019	1.51	1.58	1.55	1.6	1.56	1.53	1.56	1.61	1.71	2.06	2.2	2.2	1.51
11/29/2019	1.59	1.59	1.6	1.69	1.65	1.63	1.67	1.72	1.81	2.11	2.23	2.23	1.59
12/31/2019	1.5	1.53	1.57	1.63	1.59	1.62	1.73	1.82	1.96	2.3	2.41	2.41	1.5
01/31/2020	1.51	1.56	1.54	1.5	1.33	1.3	1.34	1.41	1.52	1.9	2.03	2.03	1.3
02/28/2020	1.41	1.3	1.15	1.09	0.93	0.92	0.97	1.05	1.17	1.56	1.71	1.71	0.92
03/31/2020	0.01	0.06	0.12	0.15	0.25	0.3	0.43	0.55	0.7	1.16	1.39	1.39	0.01
04/30/2020	0.07	0.1	0.12	0.16	0.2	0.26	0.4	0.52	0.67	1.15	1.33	1.33	0.07
05/29/2020	0.12	0.16	0.16	0.2	0.17	0.21	0.35	0.49	0.67	1.23	1.44	1.44	0.12
06/30/2020	0.13	0.16	0.15	0.18	0.15	0.17	0.32	0.48	0.67	1.22	1.44	1.44	0.13
07/31/2020	0.09	0.09	0.1	0.16	0.12	0.13	0.25	0.38	0.54	1.02	1.23	1.23	0.09

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
08/31/2020	0.09	0.09	0.11	0.14	0.14	0.16	0.31	0.48	0.72	1.28	1.51	1.51	0.09
09/30/2020	0.08	0.09	0.1	0.13	0.13	0.16	0.31	0.46	0.69	1.24	1.49	1.49	0.08
10/30/2020	0.08	0.09	0.1	0.15	0.15	0.21	0.43	0.63	0.89	1.43	1.68	1.68	0.08
11/30/2020	0.07	0.07	0.09	0.12	0.14	0.2	0.41	0.6	0.85	1.36	1.59	1.59	0.07
12/31/2020	0.06	0.09	0.09	0.1	0.12	0.18	0.41	0.64	0.92	1.46	1.67	1.67	0.06
01/29/2021	0.04	0.06	0.08	0.1	0.11	0.19	0.47	0.75	1.08	1.65	1.84	1.84	0.04
02/26/2021	0.03	0.04	0.04	0.12	0.11	0.34	0.76	1.1	1.45	2.03	2.16	2.16	0.03
03/31/2021	0.01	0.03	0.02	0.09	0.1	0.43	0.97	1.4	1.77	2.3	2.42	2.42	0.01
04/30/2021	0	0.02	0.02	0.08	0.12	0.39	0.89	1.3	1.66	2.18	2.31	2.31	0
05/28/2021	-0	0	0.02	0.07	0.1	0.36	0.85	1.26	1.64	2.19	2.3	2.3	-0
06/30/2021	0.04	0.04	0.04	0.09	0.21	0.5	0.91	1.22	1.51	2.01	2.1	2.1	0.04
07/30/2021	0.04	0.05	0.05	0.08	0.14	0.38	0.72	0.98	1.27	1.8	1.91	1.91	0.04
08/31/2021	0.04	0.06	0.04	0.09	0.18	0.45	0.81	1.07	1.34	1.83	1.94	1.94	0.04
09/30/2021	0.06	0.04	0.04	0.09	0.21	0.56	0.98	1.27	1.53	1.97	2.05	2.05	0.04
10/29/2021	0.05	0.05	0.06	0.15	0.45	0.82	1.2	1.43	1.61	1.94	1.91	1.94	0.05
11/30/2021	0.08	0.05	0.08	0.22	0.53	0.88	1.18	1.33	1.5	1.82	1.78	1.82	0.05
12/31/2021	-0.02	0.06	0.14	0.38	0.7	1.01	1.27	1.4	1.56	1.91	1.9	1.91	-0.02
01/31/2022	0.03	0.18	0.42	0.77	1.15	1.41	1.62	1.72	1.85	2.15	2.09	2.15	0.03
02/28/2022	0.08	0.35	0.63	1.03	1.47	1.64	1.75	1.78	1.9	2.25	2.15	2.25	0.08
03/31/2022	0.11	0.5	0.99	1.64	2.41	2.52	2.5	2.41	2.41	2.58	2.44	2.58	0.11
04/29/2022	0.28	0.85	1.32	2.08	2.74	2.92	2.99	2.98	3.01	3.2	3	3.2	0.28
05/31/2022	0.7	1.1	1.51	2.06	2.54	2.75	2.86	2.87	2.94	3.25	3.06	3.25	0.7
06/30/2022	1.09	1.71	2.42	2.88	2.99	3.06	3.08	3.07	3.11	3.41	3.18	3.41	1.09
07/29/2022	2.09	2.43	2.87	2.97	2.94	2.83	2.73	2.68	2.74	3.2	2.98	3.2	2.09
08/31/2022	2.36	2.88	3.23	3.45	3.54	3.53	3.43	3.32	3.31	3.57	3.31	3.57	2.36
09/30/2022	2.74	3.3	3.85	4.24	4.41	4.33	4.17	4.02	3.97	4.11	3.81	4.41	2.74
10/31/2022	3.71	4.14	4.45	4.7	4.6	4.49	4.31	4.18	4.21	4.44	4.21	4.7	3.71
11/30/2022	4.12	4.3	4.67	4.8	4.4	4.1	3.83	3.7	3.71	3.98	3.79	4.8	3.7
12/30/2022	3.97	4.39	4.7	4.77	4.53	4.28	4.08	3.99	3.99	4.17	4.01	4.77	3.97
01/31/2023	4.63	4.71	4.75	4.85	4.29	3.95	3.68	3.58	3.59	3.77	3.66	4.85	3.58
02/28/2023	4.71	4.89	5.12	5.22	4.93	4.58	4.26	4.09	4.05	4.15	3.94	5.22	3.94
03/31/2023	4.77	4.76	4.9	4.69	4.1	3.86	3.65	3.56	3.58	3.81	3.66	4.9	3.56
04/28/2023	4.4	5.14	5.01	4.87	4.08	3.77	3.55	3.47	3.52	3.8	3.67	5.14	3.47
05/31/2023	5.2	5.48	5.44	5.31	4.47	4.13	3.85	3.73	3.77	4.03	3.88	5.48	3.73

ESTIMATED PAR BOND YIELDS (in %)

Fully Taxable, Curve Type: pwcf, Principal Adj: 0%, 06-JUL-24

Quote Date	0.0833YR	0.25YR	0.5YR	1.0YR	2.0YR	3.0YR	5.0YR	7.0YR	10.0YR	20.0YR	30.0YR	Max	Min
06/30/2023	5.29	5.44	5.49	5.55	5.02	4.6	4.22	4.01	3.96	4.09	3.88	5.55	3.88
07/31/2023	5.58	5.59	5.56	5.52	5	4.59	4.26	4.1	4.08	4.23	4.01	5.59	4.01
08/31/2023	5.58	5.59	5.54	5.5	4.94	4.61	4.35	4.22	4.24	4.43	4.24	5.59	4.22
09/29/2023	5.59	5.62	5.56	5.55	5.13	4.88	4.7	4.65	4.72	4.94	4.75	5.62	4.65
10/31/2023	5.61	5.66	5.57	5.55	5.15	5.01	4.96	4.98	5.1	5.34	5.16	5.66	4.96
11/30/2023	5.63	5.52	5.45	5.24	4.74	4.5	4.38	4.37	4.48	4.73	4.54	5.63	4.37
12/29/2023	5.6	5.49	5.31	4.83	4.31	4.06	3.92	3.9	3.97	4.22	4.06	5.6	3.9