Table B–42. Bond yields and interest rates, 1953–2024

[Percent per annum]

Year	U.S. Treasury securities: Bills (at auction)[1]: 3-month	U.S. Treasury securities: Bills (at auction)[1]: 6-month	U.S. Treasury securities: Constant maturities[2]: 3-year	U.S. Treasury securities: Constant maturities[2]: 10-year	U.S. Treasury securities: Constant maturities[2]: 30-year	Corporate bonds (Moody's): Aaa[3]	Corporate bonds (Moody's): Baa	High-grade municipal bonds (Standard & Poor's)	Home mortgage yields[4]	Prime rate charged by banks[5]	Discount window (Federal Reserve Bank of New York)[5, 6]: Primary credit	Discount window (Federal Reserve Bank of New York)[5, 6]: Adjustment credit	Federal funds rate[7]
1953	1.931	....	2.47	2.85	....	3.20	3.74	2.72	....	3.17	....	1.99	....
1954	.953	....	1.63	2.40	....	2.90	3.51	2.37	....	3.05	....	1.60	....
1955	1.753	....	2.47	2.82	....	3.06	3.53	2.53	....	3.16	....	1.89	1.79
1956	2.658	....	3.19	3.18	....	3.36	3.88	2.93	....	3.77	....	2.77	2.73
1957	3.267	....	3.98	3.65	....	3.89	4.71	3.60	....	4.20	....	3.12	3.11
1958	1.839	....	2.84	3.32	....	3.79	4.73	3.56	....	3.83	....	2.15	1.57
1959	3.405	3.832	4.46	4.33	....	4.38	5.05	3.95	....	4.48	....	3.36	3.31
1960	2.93	3.25	3.98	4.12	....	4.41	5.19	3.73	....	4.82	....	3.53	3.21
1961	2.38	2.61	3.54	3.88	....	4.35	5.08	3.46	....	4.50	....	3.00	1.95
1962	2.78	2.91	3.47	3.95	....	4.33	5.02	3.18	....	4.50	....	3.00	2.71
1963	3.16	3.25	3.67	4.00	....	4.26	4.86	3.23	....	4.50	....	3.23	3.18
1964	3.56	3.69	4.03	4.19	....	4.40	4.83	3.22	....	4.50	....	3.55	3.50
1965	3.95	4.05	4.22	4.28	....	4.49	4.87	3.27	....	4.54	....	4.04	4.07
1966	4.88	5.08	5.23	4.93	....	5.13	5.67	3.82	....	5.63	....	4.50	5.11
1967	4.32	4.63	5.03	5.07	....	5.51	6.23	3.98	....	5.63	....	4.19	4.22
1968	5.34	5.47	5.68	5.64	....	6.18	6.94	4.51	....	6.31	....	5.17	5.66
1969	6.68	6.85	7.02	6.67	....	7.03	7.81	5.81	....	7.96	....	5.87	8.21
1970	6.43	6.53	7.29	7.35	....	8.04	9.11	6.51	....	7.91	....	5.95	7.17
1971	4.35	4.51	5.66	6.16	....	7.39	8.56	5.70	7.54	5.73	....	4.88	4.67
1972	4.07	4.47	5.72	6.21	....	7.21	8.16	5.27	7.38	5.25	....	4.50	4.44
1973	7.04	7.18	6.96	6.85	....	7.44	8.24	5.18	8.04	8.03	....	6.45	8.74
1974	7.89	7.93	7.84	7.56	....	8.57	9.50	6.09	9.19	10.81	....	7.83	10.51
1975	5.84	6.12	7.50	7.99	....	8.83	10.61	6.89	9.05	7.86	....	6.25	5.82
1976	4.99	5.27	6.77	7.61	....	8.43	9.75	6.49	8.87	6.84	....	5.50	5.05
1977	5.27	5.52	6.68	7.42	7.75	8.02	8.97	5.56	8.85	6.83	....	5.46	5.54
1978	7.22	7.58	8.29	8.41	8.49	8.73	9.49	5.90	9.64	9.06	....	7.46	7.94
1979	10.05	10.02	9.70	9.43	9.28	9.63	10.69	6.39	11.20	12.67	....	10.29	11.20
1980	11.51	11.37	11.51	11.43	11.27	11.94	13.67	8.51	13.74	15.26	....	11.77	13.35
1981	14.03	13.78	14.46	13.92	13.45	14.17	16.04	11.23	16.63	18.87	....	13.42	16.39
1982	10.69	11.08	12.93	13.01	12.76	13.79	16.11	11.57	16.04	14.85	....	11.01	12.24
1983	8.63	8.75	10.45	11.10	11.18	12.04	13.55	9.47	13.24	10.79	....	8.50	9.09
1984	9.53	9.77	11.92	12.46	12.41	12.71	14.19	10.15	13.88	12.04	....	8.80	10.23
1985	7.47	7.64	9.64	10.62	10.79	11.37	12.72	9.18	12.43	9.93	....	7.69	8.10
1986	5.98	6.03	7.06	7.67	7.78	9.02	10.39	7.38	10.19	8.33	....	6.32	6.80
1987	5.82	6.05	7.68	8.39	8.59	9.38	10.58	7.73	10.21	8.21	....	5.66	6.66
1988	6.69	6.92	8.26	8.85	8.96	9.71	10.83	7.76	10.34	9.32	....	6.20	7.57
1989	8.12	8.04	8.55	8.49	8.45	9.26	10.18	7.24	10.32	10.87	....	6.93	9.21
1990	7.51	7.47	8.26	8.55	8.61	9.32	10.36	7.25	10.13	10.01	....	6.98	8.10
1991	5.42	5.49	6.82	7.86	8.14	8.77	9.80	6.89	9.25	8.46	....	5.45	5.69
1992	3.45	3.57	5.30	7.01	7.67	8.14	8.98	6.41	8.39	6.25	....	3.25	3.52
1993	3.02	3.14	4.44	5.87	6.59	7.22	7.93	5.63	7.31	6.00	....	3.00	3.02
1994	4.29	4.66	6.27	7.09	7.37	7.96	8.62	6.19	8.38	7.15	....	3.60	4.21
1995	5.51	5.59	6.25	6.57	6.88	7.59	8.20	5.95	7.93	8.83	....	5.21	5.83
1996	5.02	5.09	5.99	6.44	6.71	7.37	8.05	5.75	7.81	8.27	....	5.02	5.30
1997	5.07	5.18	6.10	6.35	6.61	7.26	7.86	5.55	7.60	8.44	....	5.00	5.46
1998	4.81	4.85	5.14	5.26	5.58	6.53	7.22	5.12	6.94	8.35	....	4.92	5.35
1999	4.66	4.76	5.49	5.65	5.87	7.04	7.87	5.43	7.44	8.00	....	4.62	4.97
2000	5.85	5.92	6.22	6.03	5.94	7.62	8.36	5.77	8.05	9.23	....	5.73	6.24
2001	3.44	3.39	4.09	5.02	5.49	7.08	7.95	5.19	6.97	6.91	....	3.40	3.88
2002	1.62	1.69	3.10	4.61	5.43	6.49	7.80	5.05	6.54	4.67	....	1.17	1.67
2003	1.01	1.06	2.10	4.01	....	5.67	6.77	4.73	5.83	4.12	2.12	....	1.13
2004	1.38	1.57	2.78	4.27	....	5.63	6.39	4.63	5.84	4.34	2.34	....	1.35
2005	3.16	3.40	3.93	4.29	....	5.24	6.06	4.29	5.87	6.19	4.19	....	3.22
2006	4.73	4.80	4.77	4.80	4.91	5.59	6.48	4.42	6.41	7.96	5.96	....	4.97
2007	4.41	4.48	4.35	4.63	4.84	5.56	6.48	4.42	6.34	8.05	5.86	....	5.02
2008	1.48	1.71	2.24	3.66	4.28	5.63	7.45	4.80	6.03	5.09	2.39	....	1.92
2009	.16	.29	1.43	3.26	4.08	5.31	7.30	4.64	5.04	3.25	.50	....	.16
2010	.14	.20	1.11	3.22	4.25	4.94	6.04	4.16	4.69	3.25	.72	....	.18
2011	.06	.10	.75	2.78	3.91	4.64	5.66	4.29	4.45	3.25	.75	....	.10
2012	.09	.13	.38	1.80	2.92	3.67	4.94	3.14	3.66	3.25	.75	....	.14
2013	.06	.09	.54	2.35	3.45	4.24	5.10	3.96	3.98	3.25	.75	....	.11
2014	.03	.06	.90	2.54	3.34	4.16	4.85	3.78	4.17	3.25	.75	....	.09
2015	.06	.17	1.02	2.14	2.84	3.89	5.00	3.48	3.85	3.26	.76	....	.13
2016	.33	.46	1.00	1.84	2.59	3.67	4.72	3.07	3.65	3.51	1.01	....	.39
2017	.94	1.05	1.58	2.33	2.89	3.74	4.44	3.36	3.99	4.10	1.60	....	1.00
2018	1.94	2.10	2.63	2.91	3.11	3.93	4.80	3.53	4.54	4.91	2.41	....	1.83
2019	2.08	2.07	1.94	2.14	2.58	3.39	4.38	3.38	3.94	5.28	2.78	....	2.16
2020	.38	.39	.42	.89	1.56	2.48	3.60	2.41	3.11	3.54	.64	....	.37
2021	.04	.06	.46	1.45	2.06	2.70	3.39	2.00	2.96	3.25	.25	....	.08
2022	2.04	2.44	3.05	2.95	3.11	4.07	5.07	3.85	5.34	4.86	1.86	....	1.69
2023	5.08	5.08	4.30	3.96	4.09	4.81	5.86	4.31	6.81	8.20	5.20	....	5.03

[1] High bill rate at auction, issue date within period, bank-discount basis. On or after October 28, 1998, data are stop yields from uniform-price auctions. Before that date, they are weighted average yields from multiple-price auctions.

See next page for continuation of table.

TABLE B–42. Bond yields and interest rates, 1953–2024—*Continued*

[Percent per annum]

Year and month	U.S. Treasury securities: Bills (at auction)[1]: 3-month	U.S. Treasury securities: Bills (at auction)[1]: 6-month	U.S. Treasury securities: Constant maturities[2]: 3-year	U.S. Treasury securities: Constant maturities[2]: 10-year	U.S. Treasury securities: Constant maturities[2]: 30-year	Corporate bonds (Moody's): Aaa[3]	Corporate bonds (Moody's): Baa	High-grade municipal bonds (Standard & Poor's)	Home mortgage yields[4]	Prime rate charged by banks[5]	Discount window (Federal Reserve Bank of New York)[5, 6]: Primary credit	Discount window (Federal Reserve Bank of New York)[5, 6]: Adjustment credit	Federal funds rate[7]
										High-low	High-low	High-low	
2020: Jan	1.53	1.53	1.52	1.76	2.22	2.94	3.77	3.00	3.62	4.75–4.75	2.25–2.25	....	1.55
Feb	1.54	1.50	1.31	1.50	1.97	2.78	3.61	2.66	3.47	4.75–4.75	2.25–2.25	....	1.58
Mar	.46	.45	.50	.87	1.46	3.02	4.29	3.07	3.45	4.75–3.25	2.25–0.25	....	.65
Apr	.15	.17	.28	.66	1.27	2.43	4.13	2.86	3.31	3.25–3.25	0.25–0.25	....	.05
May	.12	.15	.22	.67	1.38	2.49	3.95	2.69	3.23	3.25–3.25	0.25–0.25	....	.05
June	.16	.18	.22	.73	1.49	2.41	3.65	2.69	3.16	3.25–3.25	0.25–0.25	....	.08
July	.13	.15	.17	.62	1.31	2.14	3.31	1.75	3.02	3.25–3.25	0.25–0.25	....	.09
Aug	.10	.12	.16	.65	1.36	2.25	3.27	1.88	2.94	3.25–3.25	0.25–0.25	....	.10
Sept	.11	.12	.16	.68	1.42	2.31	3.36	2.10	2.89	3.25–3.25	0.25–0.25	....	.09
Oct	.10	.11	.19	.79	1.57	2.35	3.44	2.15	2.83	3.25–3.25	0.25–0.25	....	.09
Nov	.09	.10	.22	.87	1.62	2.30	3.30	2.10	2.77	3.25–3.25	0.25–0.25	....	.09
Dec	.09	.09	.19	.93	1.67	2.26	3.16	1.97	2.68	3.25–3.25	0.25–0.25	....	.09
2021: Jan	.09	.09	.20	1.08	1.82	2.45	3.24	1.61	2.74	3.25–3.25	0.25–0.25	....	.09
Feb	.04	.06	.21	1.26	2.04	2.70	3.42	1.13	2.81	3.25–3.25	0.25–0.25	....	.08
Mar	.03	.05	.32	1.61	2.34	3.04	3.74	1.74	3.08	3.25–3.25	0.25–0.25	....	.07
Apr	.02	.04	.35	1.64	2.30	2.90	3.60	1.84	3.06	3.25–3.25	0.25–0.25	....	.07
May	.02	.03	.32	1.62	2.32	2.96	3.62	1.63	2.96	3.25–3.25	0.25–0.25	....	.06
June	.03	.04	.39	1.52	2.16	2.79	3.44	2.16	2.98	3.25–3.25	0.25–0.25	....	.08
July	.05	.05	.40	1.32	1.94	2.57	3.24	2.22	2.87	3.25–3.25	0.25–0.25	....	.10
Aug	.06	.05	.42	1.28	1.92	2.55	3.24	2.38	2.84	3.25–3.25	0.25–0.25	....	.09
Sept	.04	.05	.47	1.37	1.94	2.53	3.23	2.30	2.90	3.25–3.25	0.25–0.25	....	.08
Oct	.05	.06	.67	1.58	2.06	2.68	3.35	2.43	3.07	3.25–3.25	0.25–0.25	....	.08
Nov	.05	.07	.82	1.56	1.94	2.62	3.28	2.30	3.07	3.25–3.25	0.25–0.25	....	.08
Dec	.06	.14	.95	1.47	1.85	2.65	3.30	2.24	3.10	3.25–3.25	0.25–0.25	....	.08
2022: Jan	.14	.31	1.25	1.76	2.10	2.93	3.58	2.47	3.45	3.25–3.25	0.25–0.25	....	.08
Feb	.34	.64	1.65	1.93	2.25	3.25	3.97	2.78	3.76	3.25–3.25	0.25–0.25	....	.08
Mar	.46	.82	2.09	2.13	2.41	3.43	4.29	3.22	4.17	3.50–3.25	0.50–0.25	....	.20
Apr	.80	1.24	2.72	2.75	2.81	3.76	4.66	3.74	4.98	3.50–3.50	0.50–0.50	....	.33
May	.98	1.46	2.79	2.90	3.07	4.13	5.12	4.06	5.23	4.00–3.50	1.00–0.50	....	.77
June	1.48	2.07	3.15	3.14	3.25	4.24	5.27	4.01	5.52	4.75–4.00	1.75–1.00	....	1.21
July	2.24	2.75	3.03	2.90	3.10	4.06	5.21	3.96	5.41	5.50–4.75	2.50–1.75	....	1.68
Aug	2.61	3.01	3.23	2.90	3.13	4.07	5.15	3.99	5.22	5.50–5.50	2.50–2.50	....	2.33
Sept	3.09	3.53	3.88	3.52	3.56	4.59	5.69	4.53	6.11	6.25–5.50	3.25–2.50	....	2.56
Oct	3.67	4.13	4.38	3.98	4.04	5.10	6.26	4.70	6.90	6.25–6.25	3.25–3.25	....	3.08
Nov	4.14	4.47	4.34	3.89	4.00	4.90	6.07	4.52	6.81	7.00–6.25	4.00–3.25	....	3.78
Dec	4.29	4.58	4.05	3.62	3.66	4.43	5.59	4.19	6.36	7.50–7.00	4.50–4.00	....	4.10
2023: Jan	4.53	4.68	3.91	3.53	3.66	4.40	5.50	4.03	6.27	7.50–7.50	4.50–4.50	....	4.33
Feb	4.65	4.80	4.23	3.75	3.80	4.56	5.59	4.18	6.26	7.75–7.50	4.75–4.50	....	4.57
Mar	4.72	4.78	4.09	3.66	3.77	4.60	5.71	4.19	6.54	8.00–7.75	5.00–4.75	....	4.65
Apr	4.98	4.80	3.76	3.46	3.68	4.47	5.53	4.06	6.34	8.00–8.00	5.00–5.00	....	4.83
May	5.14	4.99	3.82	3.57	3.86	4.67	5.77	4.20	6.43	8.25–8.00	5.25–5.00	....	5.06
June	5.20	5.22	4.27	3.75	3.87	4.65	5.75	4.14	6.71	8.25–8.25	5.25–5.25	....	5.08
July	5.25	5.26	4.47	3.90	3.96	4.66	5.74	4.19	6.84	8.50–8.25	5.50–5.25	....	5.12
Aug	5.30	5.29	4.59	4.17	4.28	4.95	6.02	4.43	7.07	8.50–8.50	5.50–5.50	....	5.33
Sept	5.32	5.30	4.74	4.38	4.47	5.13	6.16	4.58	7.20	8.50–8.50	5.50–5.50	....	5.33
Oct	5.33	5.33	4.89	4.80	4.95	5.61	6.63	4.99	7.62	8.50–8.50	5.50–5.50	....	5.33
Nov	5.29	5.26	4.64	4.50	4.66	5.28	6.29	4.62	7.44	8.50–8.50	5.50–5.50	....	5.33
Dec	5.26	5.15	4.19	4.02	4.14	4.74	5.64	4.09	6.82	8.50–8.50	5.50–5.50	....	5.33
2024: Jan	5.23	5.02	4.11	4.06	4.26	4.87	5.68	4.24	6.64	8.50–8.50	5.50–5.50	....	5.33
Feb	5.23	5.07	4.33	4.21	4.38	5.03	5.77	4.16	6.78	8.50–8.50	5.50–5.50	....	5.33
Mar	5.24	5.11	4.38	4.21	4.36	5.01	5.75	4.17	6.82	8.50–8.50	5.50–5.50	....	5.33
Apr	5.24	5.14	4.71	4.54	4.66	5.28	6.00	4.36	6.99	8.50–8.50	5.50–5.50	....	5.33
May	5.25	5.16	4.66	4.48	4.62	5.25	5.95	4.28	7.06	8.50–8.50	5.50–5.50	....	5.33
June	5.25	5.15	4.50	4.31	4.44	5.13	5.82	4.21	6.92	8.50–8.50	5.50–5.50	....	5.33
July	5.21	5.04	4.29	4.25	4.46	5.12	5.84	4.21	6.85	8.50–8.50	5.50–5.50	....	5.33
Aug	5.07	4.78	3.79	3.87	4.15	4.87	5.60	4.16	6.50	8.50–8.50	5.50–5.50	....	5.33
Sept	4.79	4.46	3.51	3.72	4.04	4.68	5.42	4.09	6.18	8.50–8.00	5.50–5.00	....	5.13
Oct	4.51	4.29	3.90	4.10	4.38	4.95	5.63	4.21	6.43	8.00–8.00	5.00–5.00	....	4.83
Nov	4.42	4.31	4.21	4.36	4.54	5.14	5.78	4.19	6.81	8.00–7.75	5.00–4.75	....	4.64

[2] Yields on the more actively traded issues adjusted to constant maturities by the Department of the Treasury. The 30-year Treasury constant maturity series was discontinued on February 18, 2002, and reintroduced on February 9, 2006.
[3] Beginning with December 7, 2001, data for corporate Aaa series are industrial bonds only.
[4] Contract interest rate on commitments for 30-year first-lien prime conventional conforming home purchase mortgage with a loan-to-value of 80 percent.
[5] For monthly data, high and low for the period.
[6] Primary credit replaced adjustment credit as the Federal Reserve's principal discount window lending program effective January 9, 2003.
[7] Beginning March 1, 2016, the daily effective federal funds rate is a volume-weighted median of transaction-level data collected from depository institutions in the Report of Selected Money Market Rates (FR 2420). Between July 21, 1975 and February 29, 2016, the daily effective rate was a volume-weighted mean of rates on brokered trades. Prior to that, the daily effective rate was the rate considered most representative of the day's transactions, usually the one at which most transactions occurred.

Sources: Department of the Treasury, Board of Governors of the Federal Reserve System, Federal Home Loan Mortgage Corporation, Moody's Investors Service, Bloomberg, and Standard & Poor's.