

# Economic Indicators

**JUNE 2018**

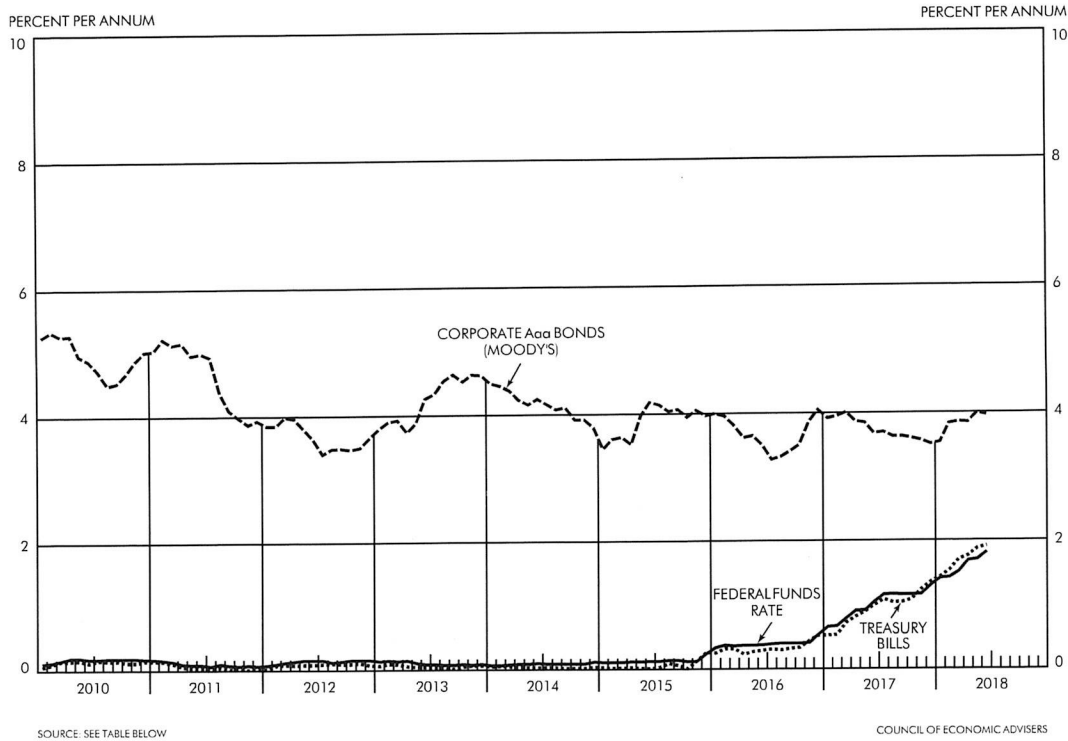
*(Includes data available as of July 9, 2018)*

*Prepared for the Joint Economic Committee by the  
Council of Economic Advisers*

UNITED STATES  
GOVERNMENT PUBLISHING OFFICE  
WASHINGTON : 2018

# Interest Rates and Bond Yields

Interest rates were mixed in June.



[Percent per annum]

Period	U.S. Treasury security yields				High-grade municipal bonds (Standard & Poor's) <sup>3</sup>	Corporate Aaa bonds (Moody's)	Discount window primary credit (N.Y. F.R. Bank) <sup>4</sup>	Prime rate charged by banks <sup>4</sup>	Federal funds rate <sup>5</sup>	New-home mortgage yields (FHFA) <sup>6</sup>
	3-month bills (at auction) <sup>1</sup>	Constant maturities <sup>2</sup>								
		3-year	10-year	30-year						
2008 .....	1.48	2.24	3.66	4.28	4.80	5.63	2.39	5.09	1.92	6.05
2009 .....	.16	1.43	3.26	4.08	4.64	5.31	.50	3.25	.16	5.14
2010 .....	.14	1.11	3.22	4.25	4.16	4.94	.72	3.25	.18	4.80
2011 .....	.06	.75	2.78	3.91	4.29	4.64	.75	3.25	.10	4.56
2012 .....	.09	.38	1.80	2.92	3.14	3.67	.75	3.25	.14	3.69
2013 .....	.06	.54	2.35	3.45	3.96	4.24	.75	3.25	.11	4.00
2014 .....	.03	.90	2.54	3.34	3.78	4.16	.75	3.25	.09	4.22
2015 .....	.06	1.02	2.14	2.84	3.48	3.89	.76	3.26	.13	4.01
2016 .....	.33	1.00	1.84	2.59	3.07	3.67	1.01	3.51	.39	3.76
2017 .....	.94	1.58	2.33	2.89	3.36	3.74	1.60	4.10	1.00	3.97
2017: June .....	.99	1.49	2.19	2.80	3.06	3.68	1.75	4.25	1.04	4.00
July .....	1.08	1.54	2.32	2.88	3.03	3.70	1.75	4.25	1.15	3.88
Aug .....	1.03	1.48	2.21	2.80	3.23	3.63	1.75	4.25	1.16	3.97
Sept .....	1.04	1.51	2.20	2.78	3.27	3.63	1.75	4.25	1.15	3.89
Oct .....	1.08	1.68	2.36	2.88	3.31	3.60	1.75	4.25	1.15	3.76
Nov .....	1.23	1.81	2.35	2.80	3.03	3.57	1.75	4.25	1.16	3.81
Dec .....	1.35	1.96	2.40	2.77	3.21	3.51	2.00	4.50	1.30	3.90
2018: Jan .....	1.43	2.15	2.58	2.88	3.29	3.55	2.00	4.50	1.41	3.94
Feb .....	1.53	2.36	2.86	3.13	3.54	3.82	2.00	4.50	1.42	4.15
Mar .....	1.70	2.42	2.84	3.09	3.58	3.87	2.25	4.75	1.51	4.33
Apr .....	1.76	2.52	2.87	3.07	3.55	3.85	2.25	4.75	1.69	4.52
May .....	1.87	2.66	2.98	3.13	3.38	4.00	2.25	4.75	1.70	4.55
June .....	1.91	2.65	2.91	3.05	3.15	3.96	2.50	5.00	1.82	.....
Week ended:										
2018: June 9 .....	1.91	2.63	2.94	3.09	3.18	3.96	2.25	4.75	1.70	.....
16 .....	1.91	2.68	2.95	3.08	3.19	3.95	2.50	5.00	1.70	.....
23 .....	1.90	2.66	2.91	3.04	3.16	3.97	2.50	5.00	1.90	.....
30 .....	1.90	2.62	2.85	2.99	3.16	3.95	2.50	5.00	1.92	.....
July 7 .....	1.94	2.64	2.84	2.96	3.43	3.90	2.50	5.00	1.91	.....

<sup>1</sup> High bill rate at auction, issue date within period, bank-discount basis. Data are stop yields from uniform-price auctions.

<sup>2</sup> Yields on actively traded issues adjusted to constant maturities.

<sup>3</sup> Weekly data are Wednesday figures.

<sup>4</sup> Average effective rate for year; rate in effect at end of month or week.

<sup>5</sup> 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). Prior to that date, the daily effective rate was a volume-weighted mean of rates on brokered trades.

<sup>6</sup> Effective rate (in the primary market) on conventional mortgages, reflecting fees and charges as well as contract rate and assumed, on the average, repayment at end of 10 years.

Sources: Department of the Treasury, Board of Governors of the Federal Reserve System, Federal Housing Finance Agency, Moody's Investors Service, Bloomberg, and Standard & Poor's.

# Economic Indicators

**JUNE 2020**

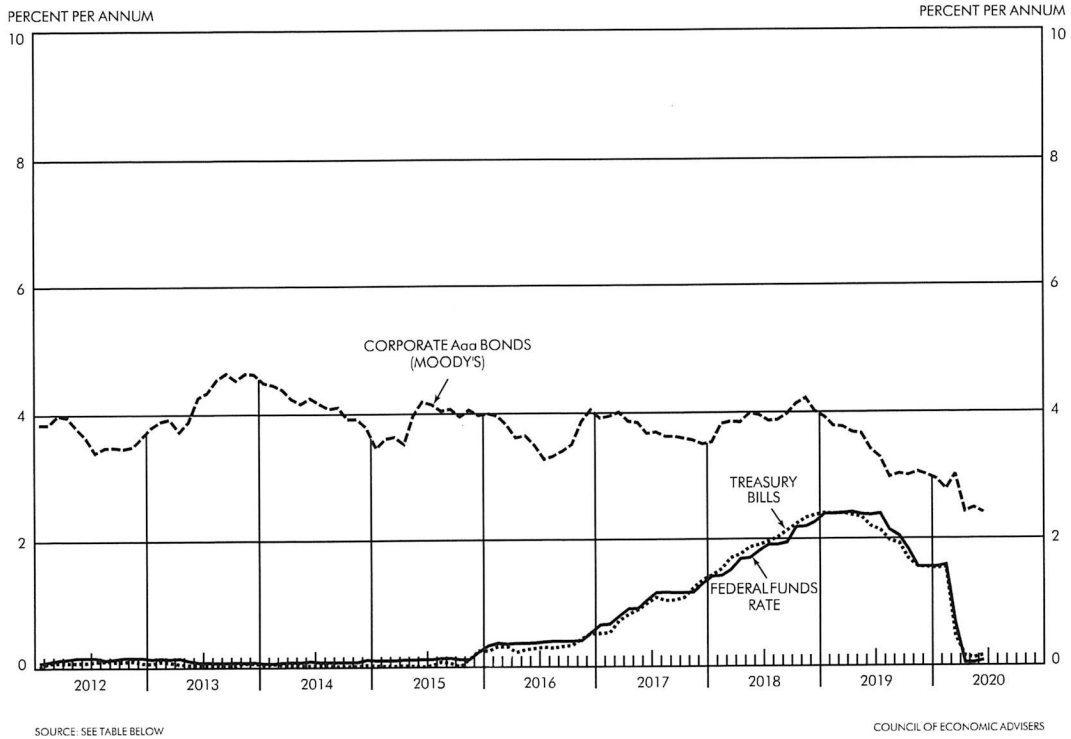
*(Includes data available as of July 2, 2020)*

*Prepared for the Joint Economic Committee by the  
Council of Economic Advisers*

UNITED STATES  
GOVERNMENT PUBLISHING OFFICE  
WASHINGTON : 2020

# Interest Rates and Bond Yields

Interest rates were mixed in June.



[Percent per annum]

Period	U.S. Treasury security yields				High-grade municipal bonds (Standard & Poor's) <sup>3</sup>	Corporate Aaa bonds (Moody's)	Discount window primary credit (N.Y. F.R. Bank) <sup>4</sup>	Prime rate charged by banks <sup>4</sup>	Federal funds rate <sup>5</sup>	New-home mortgage yields (FHFA) <sup>6</sup>
	3-month bills (at auction) <sup>1</sup>	Constant maturities <sup>2</sup>								
		3-year	10-year	30-year						
2010 .....	0.14	1.11	3.22	4.25	4.16	4.94	0.72	3.25	0.18	4.80
2011 .....	.06	.75	2.78	3.91	4.29	4.64	.75	3.25	.10	4.56
2012 .....	.09	.38	1.80	2.92	3.14	3.67	.75	3.25	.14	3.69
2013 .....	.06	.54	2.35	3.45	3.96	4.24	.75	3.25	.11	4.00
2014 .....	.03	.90	2.54	3.34	3.78	4.16	.75	3.25	.09	4.22
2015 .....	.06	1.02	2.14	2.84	3.48	3.89	.76	3.26	.13	4.01
2016 .....	.33	1.00	1.84	2.59	3.07	3.67	1.01	3.51	.39	3.76
2017 .....	.94	1.58	2.33	2.89	3.36	3.74	1.60	4.10	1.00	3.97
2018 .....	1.94	2.63	2.91	3.11	3.53	3.93	2.41	4.91	1.83	4.53
2019 .....	2.08	1.94	2.14	2.58	3.38	3.39	2.78	5.28	2.16	.....
2019: June .....	2.20	1.78	2.07	2.57	2.87	3.42	3.00	5.50	2.38	.....
July .....	2.13	1.80	2.06	2.57	3.32	3.29	3.00	5.50	2.40	.....
Aug .....	1.97	1.51	1.63	2.12	3.61	2.98	2.75	5.25	2.13	.....
Sept .....	1.93	1.59	1.70	2.16	3.57	3.03	2.50	5.00	2.04	.....
Oct .....	1.68	1.53	1.71	2.19	3.67	3.01	2.25	4.75	1.83	.....
Nov .....	1.55	1.61	1.81	2.28	3.26	3.06	2.25	4.75	1.55	.....
Dec .....	1.54	1.63	1.86	2.30	3.26	3.01	2.25	4.75	1.55	.....
2020: Jan .....	1.53	1.52	1.76	2.22	3.00	2.94	2.25	4.75	1.55	.....
Feb .....	1.54	1.31	1.50	1.97	2.66	2.78	2.25	4.75	1.58	.....
Mar .....	.46	.50	.87	1.46	3.07	3.02	.25	3.25	.65	.....
Apr .....	.15	.28	.66	1.27	2.86	2.43	.25	3.25	.05	.....
May .....	.12	.22	.67	1.38	2.69	2.49	.25	3.25	.05	.....
June .....	.16	.22	.73	1.49	2.69	2.41	.25	3.25	.08	.....
Week ended:										
2020: June 6 .....	.15	.24	.77	1.56	2.70	2.41	.25	3.25	.05	.....
13 .....	.17	.24	.77	1.53	2.73	2.43	.25	3.25	.07	.....
20 .....	.18	.22	.72	1.49	2.67	2.42	.25	3.25	.08	.....
27 .....	.16	.21	.69	1.44	2.68	2.40	.25	3.25	.09	.....
July 4 .....	.15	.19	.67	1.42	.....	2.37	.25	3.25	.08	.....

<sup>1</sup> High bill rate at auction, issue date within period, bank-discount basis. Data are stop yields from uniform-price auctions.

<sup>2</sup> Yields on actively traded issues adjusted to constant maturities.

<sup>3</sup> Weekly data are Wednesday figures.

<sup>4</sup> Average effective rate for year; rate in effect at end of month or week.

<sup>5</sup> 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). Prior to that date, the daily effective rate was a volume-weighted mean of rates on brokered trades.

<sup>6</sup> Effective rate (in the primary market) on conventional mortgages, reflecting fees and charges as well as contract rate and assumed, on the average, repayment at end of 10 years.

Sources: Department of the Treasury, Board of Governors of the Federal Reserve System, Federal Housing Finance Agency, Moody's Investors Service, Bloomberg, and Standard & Poor's.

# Economic Indicators

**AUGUST 2024**

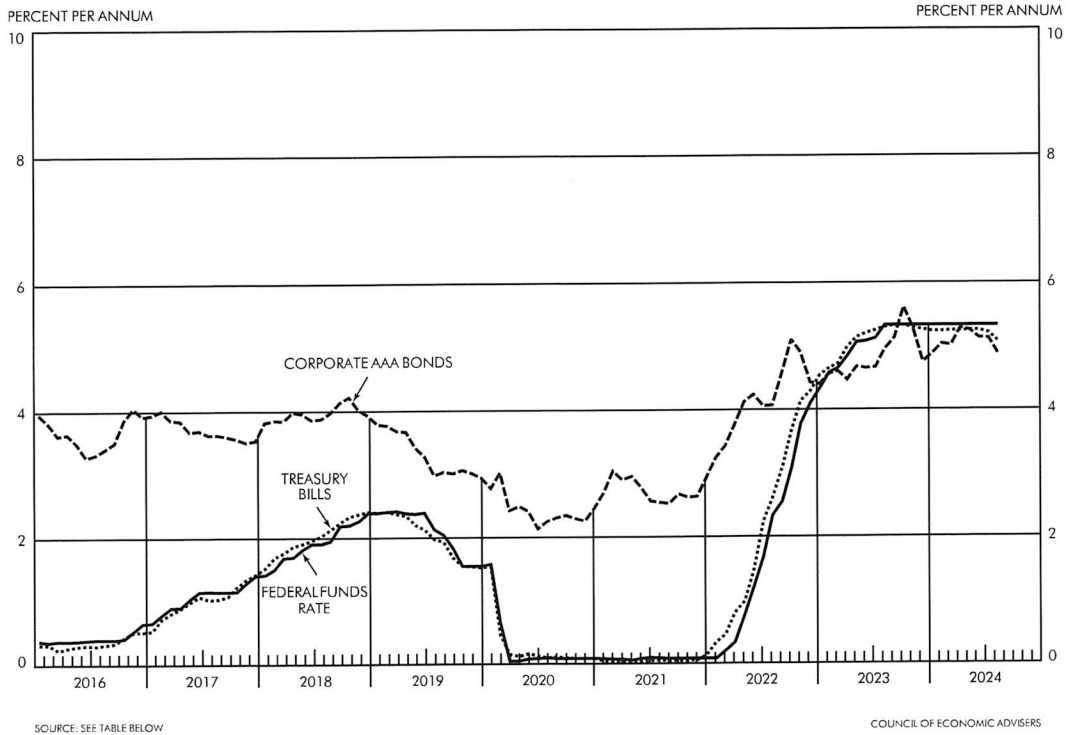
*(Includes data available as of September 9, 2024)*

*Prepared for the Joint Economic Committee by the  
Council of Economic Advisers*

UNITED STATES  
GOVERNMENT PUBLISHING OFFICE  
WASHINGTON : 2024

# Interest Rates and Bond Yields

Interest rates were mixed in August.



[Percent per annum]

Period	U.S. Treasury security yields				High-grade municipal bonds (Standard & Poor's) <sup>3</sup>	Corporate Aaa bonds (Moody's)	Discount window primary credit (N.Y. F.R. Bank) <sup>4</sup>	Prime rate charged by banks <sup>4</sup>	Federal funds rate <sup>5</sup>	New-home mortgage yields (FHFA) <sup>6</sup>
	3-month bills (at auction) <sup>1</sup>	Constant maturities <sup>2</sup>								
		3-year	10-year	30-year						
2014 .....	0.03	0.90	2.54	3.34	3.78	4.16	0.75	3.25	0.09	4.22
2015 .....	.06	1.02	2.14	2.84	3.48	3.89	.76	3.26	.13	4.01
2016 .....	.33	1.00	1.84	2.59	3.07	3.67	1.01	3.51	.39	3.76
2017 .....	.94	1.58	2.33	2.89	3.36	3.74	1.60	4.10	1.00	3.97
2018 .....	1.94	2.63	2.91	3.11	3.53	3.93	2.41	4.91	1.83	4.53
2019 .....	2.08	1.94	2.14	2.58	3.38	3.39	2.78	5.28	2.16	.....
2020 .....	.38	.42	0.89	1.56	2.41	2.47	.64	3.54	.37	.....
2021 .....	.04	.46	1.45	2.06	2.00	2.70	.25	3.25	.08	.....
2022 .....	2.04	3.05	2.95	3.11	3.85	4.07	1.86	4.86	1.69	.....
2023 .....	5.08	4.30	3.96	4.09	4.31	4.81	5.20	8.20	5.03	.....
2023: Aug .....	5.30	4.59	4.17	4.28	4.43	4.95	5.50	8.50	5.33	.....
Sept .....	5.32	4.74	4.38	4.47	4.58	5.13	5.50	8.50	5.33	.....
Oct .....	5.33	4.89	4.80	4.95	4.99	5.61	5.50	8.50	5.33	.....
Nov .....	5.29	4.64	4.50	4.66	4.62	5.28	5.50	8.50	5.33	.....
Dec .....	5.26	4.19	4.02	4.14	4.09	4.74	5.50	8.50	5.33	.....
2024: Jan .....	5.23	4.11	4.06	4.26	4.24	4.87	5.50	8.50	5.33	.....
Feb .....	5.23	4.33	4.21	4.38	4.16	5.03	5.50	8.50	5.33	.....
Mar .....	5.24	4.38	4.21	4.36	4.17	5.01	5.50	8.50	5.33	.....
Apr .....	5.24	4.71	4.54	4.66	4.36	5.28	5.50	8.50	5.33	.....
May .....	5.25	4.66	4.48	4.62	4.28	5.25	5.50	8.50	5.33	.....
June .....	5.25	4.50	4.31	4.44	4.21	5.13	5.50	8.50	5.33	.....
July .....	5.21	4.29	4.25	4.46	4.21	5.12	5.50	8.50	5.33	.....
Aug .....	5.07	3.79	3.87	4.15	4.16	4.87	5.50	8.50	5.33	.....
Week ended:										
2024: Aug 10 .....	5.08	3.80	3.91	4.20	4.14	4.98	5.50	8.50	5.33	.....
17 .....	5.07	3.82	3.88	4.16	4.13	4.88	5.50	8.50	5.33	.....
24 .....	5.06	3.79	3.83	4.09	4.17	4.77	5.50	8.50	5.33	.....
31 .....	4.98	3.75	3.85	4.14	4.19	4.81	5.50	8.50	5.33	.....
Sept 7 .....	4.97	3.63	3.77	4.06	4.13	4.75	5.50	8.50	5.33	.....

<sup>1</sup> High bill rate at auction, issue date within period, bank-discount basis. Data are stop yields from uniform-price auctions.

<sup>2</sup> Yields on actively traded issues adjusted to constant maturities.

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Sources: Department of the Treasury, Board of Governors of the Federal Reserve System, Federal Housing Finance Agency, Moody's Investors Service, Bloomberg, and Standard & Poor's.

Corporate Bond Yield Averages

AV. CORP.	CORPORATE BY RATINGS				CORPORATE BY GROUPS			PUBLIC UTILITY BONDS				INDUSTRIAL BONDS				RAILROAD BONDS							
	Aaa	Aa	A	Baa	P.U.	IND.	P.R.	Aaa	Aa	A	Baa	Aaa	Aa	A	Baa	Aaa	Aa	A	Baa				
<b>2017</b>																							
Jan.	4.22	3.92	3.98	4.16	4.66	4.24	4.20	----	Jan.	----	3.96	4.14	4.62	Jan.	3.92	4.00	4.17	4.70	Jan.	----	----	----	----
Feb.	4.23	3.95	4.01	4.18	4.64	4.25	4.21	----	Feb.	----	3.99	4.18	4.58	Feb.	3.95	4.02	4.19	4.70	Feb.	----	----	----	----
Mar.	4.28	4.01	4.06	4.23	4.68	4.30	4.27	----	Mar.	----	4.04	4.23	4.62	Mar.	4.01	4.07	4.23	4.74	Mar.	----	----	----	----
Apr.	4.16	3.87	3.93	4.12	4.57	4.19	4.13	----	Apr.	----	3.93	4.12	4.51	Apr.	3.87	3.92	4.11	4.62	Apr.	----	----	----	----
May	4.15	3.85	3.93	4.11	4.55	4.19	4.12	----	May	----	3.94	4.12	4.50	May	3.85	3.92	4.09	4.60	May	----	----	----	----
June	3.98	3.68	3.78	3.93	4.37	4.01	3.95	----	June	----	3.77	3.94	4.32	June	3.68	3.78	3.92	4.41	June	----	----	----	----
July	4.01	3.70	3.80	3.98	4.39	4.06	3.96	----	July	----	3.82	3.99	4.36	July	3.70	3.78	3.95	4.41	July	----	----	----	----
Aug.	3.92	3.63	3.72	3.88	4.31	3.92	3.92	----	Aug.	----	3.67	3.86	4.23	Aug.	3.63	3.76	3.90	4.38	Aug.	----	----	----	----
Sept.	3.92	3.63	3.73	3.88	4.30	3.93	3.91	----	Sept.	----	3.70	3.87	4.24	Sept.	3.63	3.75	3.89	4.37	Sept.	----	----	----	----
Oct.	3.94	3.60	3.75	3.91	4.32	3.97	3.90	----	Oct.	----	3.74	3.91	4.26	Oct.	3.60	3.74	3.90	4.37	Oct.	----	----	----	----
Nov.	3.88	3.57	3.67	3.84	4.27	3.88	3.87	----	Nov.	----	3.65	3.83	4.16	Nov.	3.57	3.68	3.85	4.37	Nov.	----	----	----	----
Dec.	3.83	3.51	3.61	3.79	4.22	3.85	3.80	----	Dec.	----	3.62	3.79	4.14	Dec.	3.51	3.60	3.79	4.31	Dec.	----	----	----	----
<b>2018</b>																							
Jan.	3.88	3.55	3.68	3.85	4.26	3.91	3.85	----	Jan.	----	3.69	3.86	4.18	Jan.	3.55	3.66	3.84	4.33	Jan.	----	----	----	----
Feb.	4.13	3.82	3.95	4.09	4.51	4.15	4.12	----	Feb.	----	3.94	4.09	4.42	Feb.	3.82	3.95	4.09	4.60	Feb.	----	----	----	----
Mar.	4.20	3.87	3.99	4.14	4.64	4.21	4.19	----	Mar.	----	3.97	4.13	4.52	Mar.	3.87	4.00	4.14	4.75	Mar.	----	----	----	----
Apr.	4.22	3.85	4.01	4.17	4.67	4.24	4.20	----	Apr.	----	3.99	4.17	4.58	Apr.	3.85	4.03	4.17	4.76	Apr.	----	----	----	----
May	4.36	4.00	4.12	4.30	4.83	4.36	4.34	----	May	----	4.10	4.28	4.71	May	4.00	4.13	4.31	4.94	May	----	----	----	----
June	4.35	3.96	4.11	4.29	4.83	4.37	4.33	----	June	----	4.11	4.27	4.71	June	3.96	4.11	4.29	4.95	June	----	----	----	----
July	4.31	3.87	4.07	4.26	4.79	4.35	4.26	----	July	----	4.10	4.27	4.67	July	3.87	4.03	4.23	4.91	July	----	----	----	----
Aug.	4.29	3.88	4.05	4.23	4.77	4.33	4.25	----	Aug.	----	4.08	4.26	4.64	Aug.	3.88	4.01	4.20	4.89	Aug.	----	----	----	----
Sept.	4.38	3.98	4.14	4.31	4.88	4.41	4.35	----	Sept.	----	4.18	4.32	4.74	Sept.	3.98	4.09	4.30	5.02	Sept.	----	----	----	----
Oct.	4.54	4.14	4.28	4.46	5.07	4.56	4.52	----	Oct.	----	4.31	4.45	4.91	Oct.	4.14	4.24	4.45	5.22	Oct.	----	----	----	----
Nov.	4.64	4.22	4.37	4.53	5.22	4.65	4.62	----	Nov.	----	4.40	4.52	5.03	Nov.	4.22	4.34	4.53	5.42	Nov.	----	----	----	----
Dec.	4.49	4.02	4.20	4.37	5.13	4.51	4.47	----	Dec.	----	4.24	4.37	4.92	Dec.	4.02	4.16	4.36	5.34	Dec.	----	----	----	----
<b>2019</b>																							
Jan.	4.45	3.93	4.13	4.34	5.12	4.48	4.41	----	Jan.	----	4.18	4.35	4.91	Jan.	3.93	4.07	4.32	5.32	Jan.	----	----	----	----
Feb.	4.31	3.79	3.99	4.23	4.95	4.35	4.27	----	Feb.	----	4.05	4.25	4.76	Feb.	3.79	3.93	4.21	5.13	Feb.	----	----	----	----
Mar.	4.24	3.77	3.92	4.17	4.84	4.26	4.21	----	Mar.	----	3.98	4.16	4.65	Mar.	3.77	3.87	4.17	5.02	Mar.	----	----	----	----
Apr.	4.15	3.69	3.85	4.08	4.70	4.18	4.11	----	Apr.	----	3.91	4.08	4.55	Apr.	3.69	3.79	4.08	4.85	Apr.	----	----	----	----
May	4.08	3.67	3.80	4.01	4.63	4.10	4.06	----	May	----	3.84	3.98	4.47	May	3.67	3.76	4.03	4.78	May	----	----	----	----
June	3.89	3.42	3.59	3.83	4.46	3.93	3.85	----	June	----	3.65	3.82	4.31	June	3.42	3.53	3.84	4.60	June	----	----	----	----
July	3.75	3.29	3.46	3.70	4.28	3.79	3.70	----	July	----	3.53	3.69	4.13	July	3.29	3.38	3.70	4.42	July	----	----	----	----
Aug.	3.36	2.98	3.08	3.32	3.91	3.36	3.36	----	Aug.	----	3.17	3.29	3.63	Aug.	2.98	2.99	3.34	4.11	Aug.	----	----	----	----
Sept.	3.42	3.03	3.14	3.37	3.91	3.44	3.38	----	Sept.	----	3.24	3.37	3.71	Sept.	3.03	3.02	3.35	4.11	Sept.	----	----	----	----
Oct.	3.41	3.01	3.13	3.37	3.93	3.45	3.37	----	Oct.	----	3.24	3.39	3.72	Oct.	3.01	3.01	3.35	4.12	Oct.	----	----	----	----
Nov.	3.44	3.06	3.16	3.40	3.94	3.48	3.40	----	Nov.	----	3.25	3.43	3.76	Nov.	3.06	3.06	3.37	4.12	Nov.	----	----	----	----
Dec.	3.40	3.01	3.11	3.36	3.88	3.45	3.34	----	Dec.	----	3.22	3.40	3.73	Dec.	3.01	3.00	3.32	4.03	Dec.	----	----	----	----
<b>2020</b>																							
Jan.	3.30	2.94	3.02	3.27	3.77	3.34	3.26	----	Jan.	----	3.12	3.29	3.60	Jan.	2.94	2.92	3.24	3.94	Jan.	----	----	----	----
Feb.	3.13	2.78	2.85	3.09	3.61	3.16	3.10	----	Feb.	----	2.96	3.11	3.42	Feb.	2.78	2.75	3.06	3.80	Feb.	----	----	----	----
Mar.	3.53	3.02	3.08	3.43	4.29	3.59	3.46	----	Mar.	----	3.30	3.50	3.96	Mar.	3.02	2.86	3.35	4.61	Mar.	----	----	----	----
Apr.	3.22	2.43	2.75	3.12	4.13	3.31	3.12	----	Apr.	----	2.93	3.19	3.62	Apr.	2.43	2.56	3.05	4.43	Apr.	----	----	----	----
May	3.16	2.49	2.72	3.12	3.95	3.22	3.10	----	May	----	2.89	3.14	3.63	May	2.49	2.55	3.09	4.27	May	----	----	----	----
June	3.02	2.44	2.64	3.02	3.64	3.10	2.93	----	June	----	2.80	3.07	3.44	June	2.44	2.48	2.97	3.84	June	----	----	----	----
July	2.70	2.14	2.32	2.69	3.31	2.77	2.62	----	July	----	2.46	2.74	3.09	July	2.14	2.16	2.63	3.53	July	----	----	----	----
Aug.	2.71	2.25	2.37	2.68	3.27	2.76	2.65	----	Aug.	----	2.49	2.73	3.06	Aug.	2.25	2.25	2.63	3.49	Aug.	----	----	----	----
Sept.	2.80	2.31	2.47	2.79	3.36	2.88	2.73	----	Sept.	----	2.62	2.84	3.17	Sept.	2.31	2.31	2.73	3.55	Sept.	----	----	----	----
Oct.	2.89	2.35	2.55	2.88	3.44	2.98	2.79	----	Oct.	----	2.72	2.95	3.27	Oct.	2.35	2.37	2.81	3.60	Oct.	----	----	----	----
Nov.	2.79	2.30	2.47	2.79	3.30	2.89	2.68	----	Nov.	----	2.63	2.85	3.17	Nov.	2.30	2.30	2.72	3.41	Nov.	----	----	----	----
Dec.	2.72	2.26	2.44	2.72	3.16	2.80	2.63	----	Dec.	----	2.57	2.77	3.05	Dec.	2.26	2.31	2.66	3.27	Dec.	----	----	----	----
<b>2021</b>																							
Jan.	2.85	2.45	2.61	2.84	3.24	2.94	2.75	----	Jan.	----	2.73	2.91	3.18	Jan.	2.45	2.49	2.77	3.30	Jan.	----	----	----	----
Feb.	3.05	2.70	2.83	3.03	3.42	3.13	2.97	----	Feb.	----	2.93	3.09	3.37	Feb.	2.70	2.73	2.97	3.46	Feb.	----	----	----	----
Mar.	3.38	3.04	3.17	3.37	3.74	3.48	3.29	----	Mar.	----	3.27	3.44	3.72	Mar.	3.04	3.06	3.29	3.76	Mar.	----	----	----	----
Apr.	3.25	2.90	3.03	3.24	3.60	3.33	3.16	----	Apr.	----	3.13	3.30	3.57	Apr.	2.90	2.92	3.17	3.64	Apr.	----	----	----	----
May	3.28	2.96	3.07	3.27	3.62	3.36	3.19	----	May	----	3.17	3.33	3.58	May	2.96	2.95	3.21	3.65	May	----	----	----	----
June	3.11	2.79	2.91	3.10	3.45	3.19	3.02	----	June	----	3.01	3.16	3.41	June	2.79	2.80	3.03	3.47	June	----	----	----	----
July	2.91	2.57	2.71	2.89	3.24	2.99	2.82	----	July	----	2.80	2.95	3.20	July	2.57	2.62	2.82	3.28	July	----	----	----	----
Aug.	2.91	2.55	2.73	2.89	3.24	2.99	2.82	----	Aug.	----	2.82	2.95	3.19	Aug.	2.55	2.63	2.83	3.28	Aug.	----	----	----	----
Sept.	2.91	2.53	2.73	2.89	3.23	3.00	2.81	----	Sept.	----	2.84	2.96	3.19	Sept.	2.53	2.61	2.82	3.27	Sept.	----	----	----	----
Oct.	3.04	2.68	2.86	3.02	3.35	3.13	2.94	----	Oct.	----	2.99	3.09	3.32	Oct.	2.68	2.73	2.96	3.38	Oct.	----	----	----	----
Nov.	2.96	2.62	2.77	2.95	3.28	3.06	2.86	----	Nov.	----	2.91	3.02	3.25	Nov.	2.62	2.63	2.88	3.30	Nov.	----	----	----	----
Dec.	3.04	2.71	2.82	3.04	3.37	3.17	2.91	----	Dec.	----	3.01	3.13	3.36	Dec.	2.71	2.62	2.95	3.37	Dec.	----	----	----	----
<b>2022</b>																							
Jan.	3.36	3.07	3.13	3.34	3.69	3.25	3.46	----	Jan.	----	3.19	3.33	3.57	Jan.	2.93	2.83	3.17	3.59	Jan.	----	----	----	----
Feb.	3.61	3.25	3.36	3.60	3.97	3.48	3.73	----	Feb.	----	3.56	3.68	3.95	Feb.	3.25	3.16	3.52	3.99	Feb.	----	----	----	----
Mar.	3.88	3.43	3.62	3.88	4.29	4.02	3.74	----	Mar.	----	3.81	3.98	4.28	Mar.	3.43	3.43	3.77	4.30	Mar.	----	----	----	----
Apr.	4.22	3.76	3.94	4.23	4.66	4.34	4.09	----	Apr.	----	4.10	4.											

MERGENT BOND RECORD

<b>2024</b> May	5.64	5.25	5.45	5.62	5.95	5.78	5.49	----	May	----	5.62	5.74	5.97	May	5.25	5.28	5.50	5.92	May	----	----	----	----
<b>2024</b> June	5.51	5.13	5.35	5.50	5.82	5.65	5.37	----	June	----	5.50	5.61	5.84	June	5.13	5.18	5.38	5.80	June	----	----	----	----
<b>2024</b> July	5.53	5.12	5.38	5.52	5.84	5.68	5.39	----	July	----	5.54	5.64	5.85	July	5.12	5.21	5.40	5.82	July	----	----	----	----
<b>2024</b> Aug.	5.29	4.87	5.12	5.28	5.60	5.42	5.15	----	Aug.	----	5.27	5.38	5.61	Aug.	4.87	4.97	5.18	5.59	Aug.	----	----	----	----

**Notes:** Moody's® Long-Term Corporate Bond Yield Averages have been published daily since 1929. They are derived from pricing data on a regularly-replenished population of over 100 seasoned corporate bonds in the US market, each with current outstandings over \$100 million. The bonds have maturities as close as possible to 30 years, with an average maturity of 28 years. They are dropped from the list if their remaining life falls below 20 years or if their ratings change. Bonds with deep discounts or steep premiums to par are generally excluded. All yields are yield-to-maturity calculated on a semi-annual compounding basis. Each observation is an unweighted average, with Average Corporate Yields representing the unweighted average of the corresponding Average Industrial and Average Public Utility observations. Because of the death of **Aaa**-rated railroad term bond issues, Moody's® **Aaa** railroad bond yield average was discontinued as of December 18, 1967. Moody's® **Aaa** public utility average was suspended from Jan. 1984 thru Sept. 1984. Oct. 1984 figure for last 14 business days only. The Railroad Bond Averages were discontinued as of July 17, 1989 because of insufficient frequently tradable bonds. The July figures were based on 8 business days. Because of the death of **Aaa** rated public utility bond issues, Moody's® **Aaa** public utility bond yield average was discontinued as of December 10, 2001.