

Market Transparency Report

Monthly Guide to the U.S. Retail Fixed Income Markets

May 2025

www.tradeweb.com

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Overview

About the Market Transparency Report

The data and analysis contained in this monthly report are intended to provide transparency into the dynamics of the U.S. Fixed Income markets for retail investors. The report presents the important trends in the market, including trade volumes, most active issuers, yield/spread movements and buy/sell ratios. Retail trades are defined as odd-lot transactions under 100 bonds (i.e. less than \$100,000 par value). The retail market is much smaller than the institutional market on a par value basis, but it accounts for more than 2/3 of the trades that occur in the marketplace.

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Market Commentary

Monthly Change Table for May 2025

	Median Yield (bps)	Daily Trade Volume	Buy/Sell Ratio
Agency	-4	-13.1%	2.4
CD	13	-3.0%	3.5
Corp	-2	-5.9%	0.4
Municipal	-20	-10.9%	0.2
Treasury	3	-16.5%	0.8

For monthly security trend data, see slides 5, 6 and 7

Yield Matrix

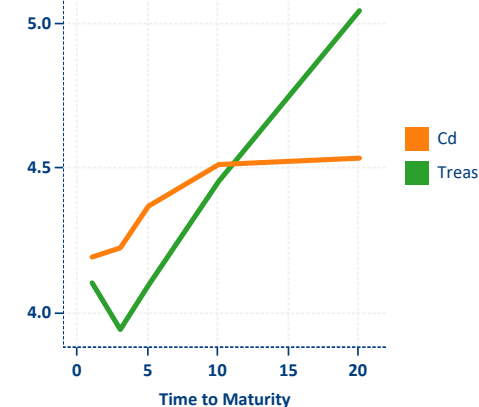
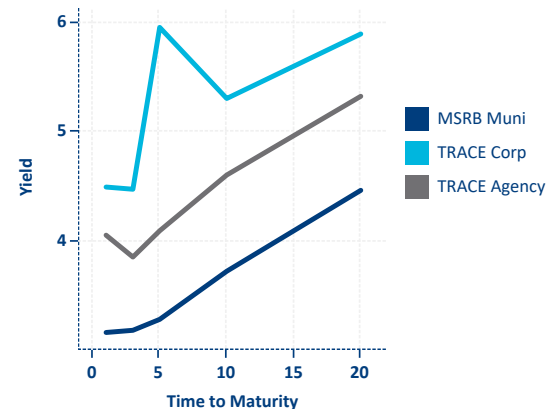
Average Yield, % for May 2025

Market	TTM					Median Maturity (Years)
	1	3	5	10	20	
MSRB Muni	3.2	3.2	3.3	3.7	4.5	9
TRACE Corp	4.5	4.5	6.0	5.3	5.9	3
TRACE Agency	4.1	3.9	4.1	4.6	5.3	5
Cd	4.2	4.2	4.4	4.5	4.5	1
Treas	4.1	4.0	4.1	4.5	5.0	0

Asset Class

Market	Category (Filtered)	Rating Key	1	3	5	10	20	Median Maturity (Years)
TRACE Corp	Financial	AA	4.4	4.3	4.5	5.1		0
		A	4.3	4.3	4.5	5.1	5.7	4
		BBB	4.7	4.6	4.9	6.0	6.1	3
		HY	5.6	7.6		7.8		2
		AAA			4.2		4.9	2
	Non-Financial	AA			4.2		5.2	15
		A	4.2	4.5	4.5	5.1	5.8	10
		BBB	4.6	4.6	4.9	6.0	6.3	4
		HY	4.5	6.0	39.4			3
								4
MSRB Muni	GO	AAA	3.1	3.1	3.2	3.6	4.2	7
		AA	3.2	3.1	3.3	3.7	4.4	8
		A	3.3	3.4	3.5	4.0	4.6	8
		BBB	3.9	4.1	4.2	4.7	5.2	13
		HY	4.1	5.8	7.2	6.3	5.6	12
	Revenue	AAA	3.1	3.1	3.2	3.6	4.3	9
		AA	3.2	3.2	3.3	3.7	4.5	9
		A	3.3	3.4	3.5	4.0	4.8	12
		BBB	4.2	4.1	4.2	4.7	5.2	13
		HY	4.1	6.0	4.8	6.4	6.0	10

Average Yield, %



WA Yield = "Weighted Average Yield"

Source: TRACE, RTRS (MSRB's Real-time Transactional Reporting System) and Tradeweb Direct

-The yields in each cell for Corporate/Agency/Municipal are the weighted average yield based on odd-lot customer buy transactions reported in TRACE/MSRB.

-The yields in each cell for Treasury/CD are the weighted average yield based on buy transactions on the Tradeweb Direct Platform.

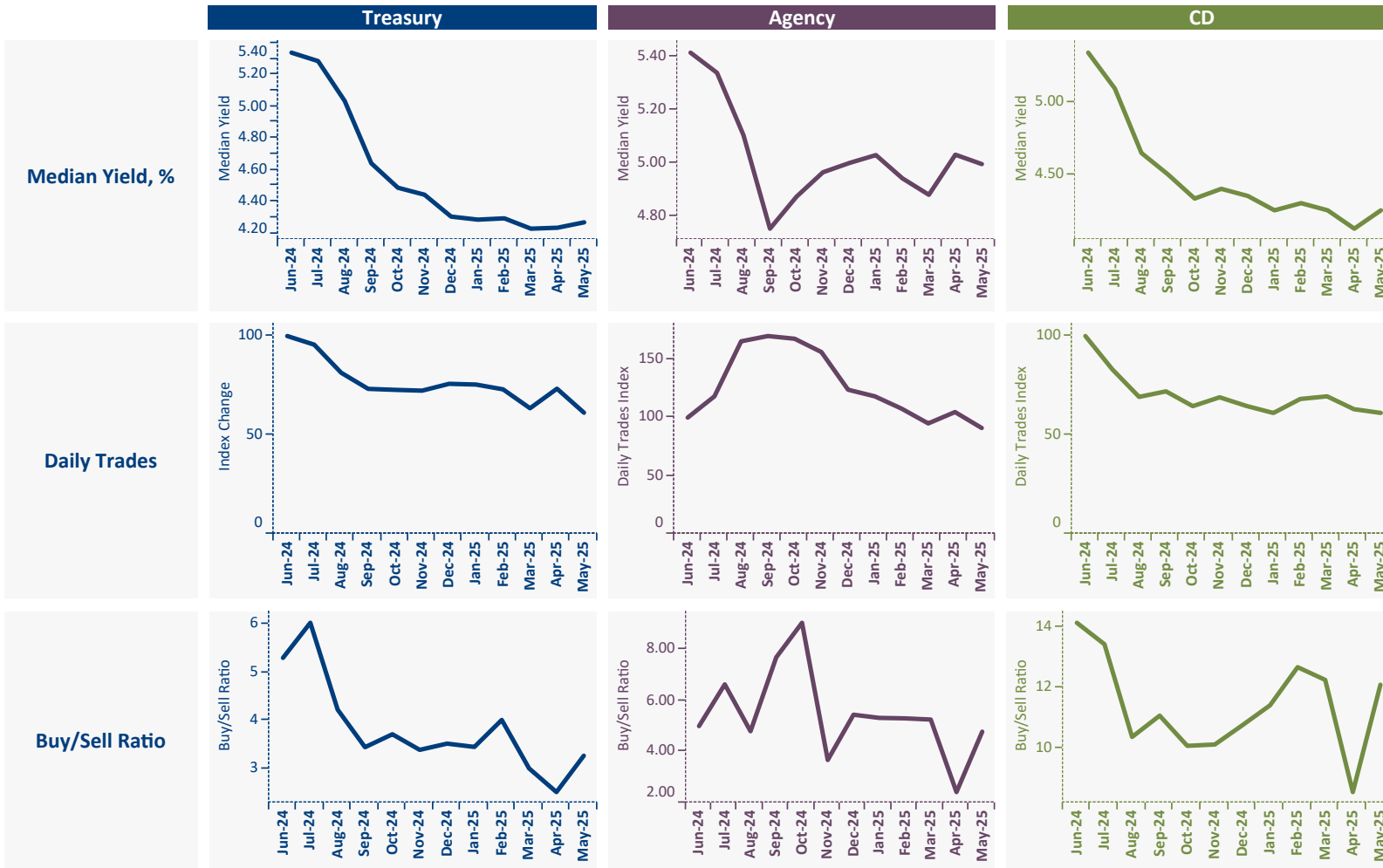
-The weights are based on transaction size.

-Yield summaries for Corporate and Agency exclude transactions in callable or floating-rate coupon bonds.

-Yield summaries for Municipal exclude transactions in taxable bonds.

-See appendix for the definition of maturity and rating buckets.

Treasury, Agency, CD Transaction Trend Summary



Daily Trades: First month = 100

Source: TRACE and Tradeweb Direct

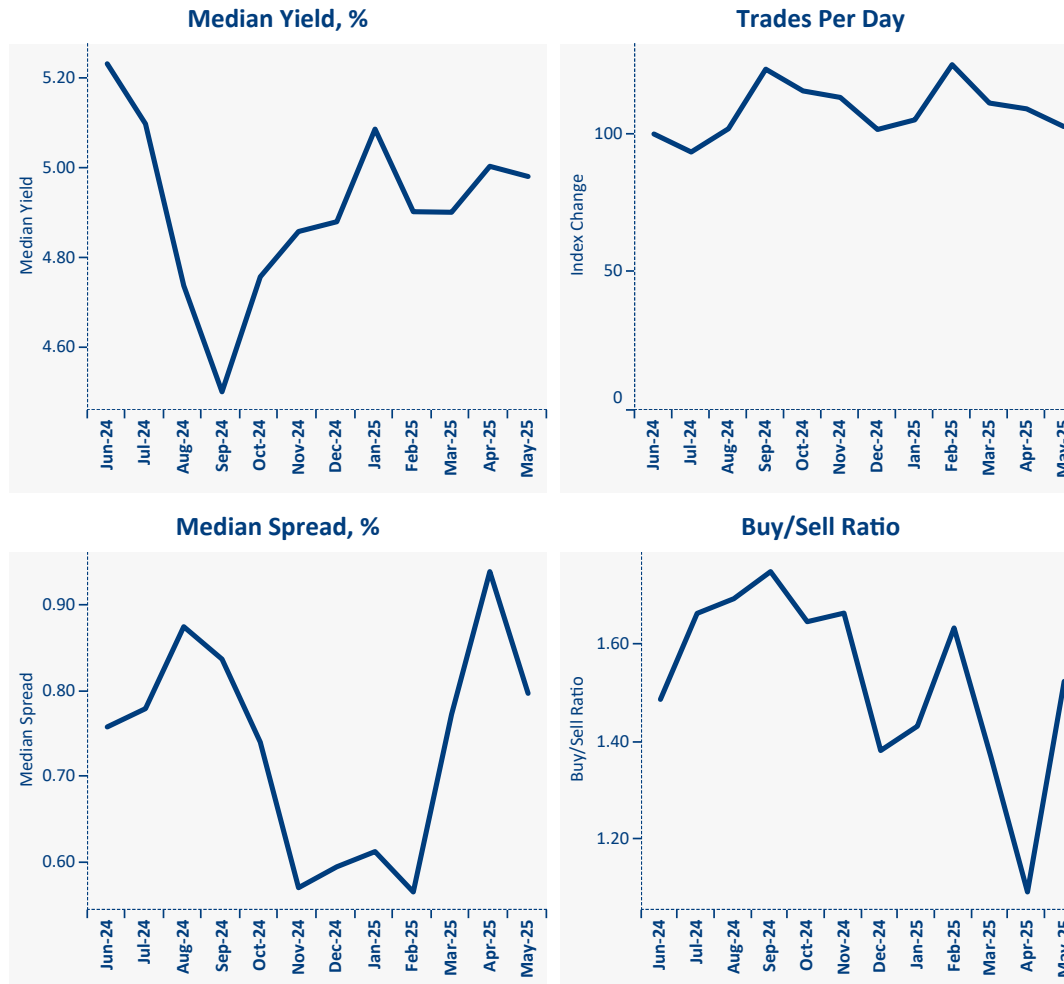
-Treasury and CD are based on transactions on the Tradeweb Direct Platform. Median yields are based on all customer buy transactions.

-Agency is based on odd-lot customer transactions (<100M) reported in TRACE. Median yields are based on all odd-lot customer buy transactions.

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Corporate Bonds: Odd-Lot Customer Transaction Trend Summary



Daily Trades: First month = 100

Source: TRACE and Tradeweb Direct

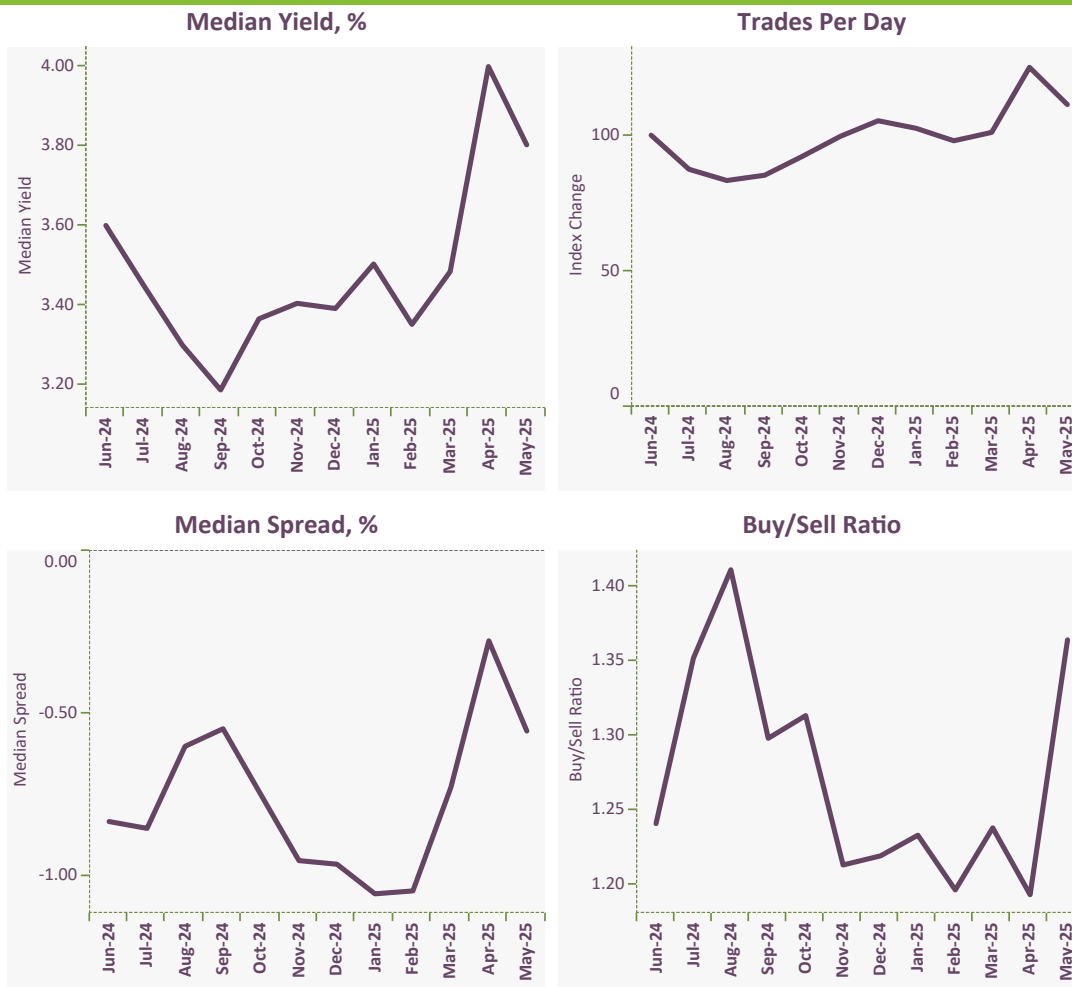
-Based on odd-lot customer transactions (<100M) reported in TRACE.

-Median yields and spreads are based on all odd-lot customer buy transactions...

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Municipal Bonds: Odd-Lot Customer Transaction Trend Summary



Daily Trades: First month = 100

Source: RTRS (MSRB's Real-time Transaction Reporting System) and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in MSRB.

-Median yields and spreads are based on all odd-lot customer buy transactions.

-Spread for each transaction is calculated against the Treasury yield for the same maturity.

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Corporate Bonds: Top 20 Most Active Issuers

May 2025

Index	Ticker	Company	Rating Key (Med)	Issues Traded	% of Total Trades	Trades	Buy/Sell Ratio	Dollar Vol. Traded (MM)	1Y Yield (Buy)	3Y Yield (Buy)	5Y Yield (Buy)	10Y Yield (Buy)	20Y Yield (Buy)
1	C	CITIGROUP	BBB	840	2.5%	27,115	1.6	484	4.5	4.7	5.0	5.6	6.2
2	JPM	JP MORGAN CHASE	A	1,289	2.3%	25,117	1.4	444	4.2	4.2	4.7	5.3	5.7
3	GS	GOLDMAN SACHS	A	1,117	2.3%	24,772	1.1	395	4.4	4.5	4.7	5.1	5.9
4	BAC	BANK OF AMERICA	A	557	1.8%	19,735	1.6	412	4.4	4.4	5.0	5.6	5.8
5	WFC	WELLS FARGO	A	267	1.7%	18,297	1.5	300	4.5	4.5	5.0	5.5	6.1
6	NEE	FPL GROUP CAP INC	BBB	84	1.7%	17,820	1.4	164	4.3	4.5	4.7	5.3	5.7
7	MS	MORGAN STANLEY	A	1,374	1.7%	17,677	1.0	339	4.5	5.8	6.0	5.2	5.8
8	CMCS	COMCAST	A	68	1.5%	15,758	2.0	195	4.3	4.4	4.6	5.3	6.0
9	ANTM	Null	A	34	1.3%	13,733	6.8	92	4.5	4.5	4.8	5.3	6.1
10	GM	GENERAL MOTORS FINANCIAL COMPANY INC	BBB	96	1.2%	13,363	2.2	259	4.9	5.1	5.4	6.1	6.8
11	AAPL	APPLE INC	AA	51	1.2%	12,422	1.1	190	4.1	4.0	4.3	4.8	5.5
12	UNH	UNITEDHEALTH	A	67	1.2%	12,409	1.6	212	4.5	4.5	4.8	5.3	5.9
13	VZ	VERIZON	BBB	156	1.1%	11,918	1.1	154	4.2	4.4	4.7	5.2	5.9
14	ORCL	ORACLE CORP	BBB	45	1.0%	10,729	1.4	195	4.6	4.4	4.7	5.3	6.1
15	T	AT&T	BBB	110	0.9%	10,073	1.1	144	4.5	4.5	4.6	5.3	6.0
16	CVS	CVS CAREMARK CORP	BBB	48	0.9%	9,935	1.3	137	4.7	4.8	5.0	5.6	6.5
17	BRK	BERKSHIRE HATHAWAY	A	148	0.9%	9,308	1.7	194	4.3	4.5	4.7	5.5	5.8
18	TMUS	T-MOBILE USA INC	BBB	43	0.8%	8,924	1.9	126	4.5	4.7	4.8	5.2	5.9
19	DUK	DUKE ENERGY	BBB	137	0.8%	8,748	1.5	151	4.5	4.4	4.7	5.2	6.0
20	MU	MICRON TECHNOLOGY INC	BBB	14	0.8%	8,481	0.2	66	4.9	5.1	5.8	5.8	6.2

Source: TRACE and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in TRACE.

-Issuer ratings are based on median rating of traded bonds from each issuer. Bond ratings are from Moody's and S&P.

Corporate Bonds: Top 20 Issuers with Highest Buy/Sell Ratio

May 2025

Index	Ticker	Company	Rating Key (Med)	Issues Traded	% of Total Trades	Trades	Trades (Buy)	Trades (Sell)	Buy/Sell Ratio	Dollar Vol. Traded (MM)	1Y Yield (Buy)	3Y Yield (Buy)	5Y Yield (Buy)	10Y Yield (Buy)	20Y Yield (Buy)
1	RF	REGIONS FINL CORP NEW	BBB	7	0.4%	3,943	3,651	292	12.5	18	4.5	4.8			
2	ANTM	Null	A	34	1.3%	13,733	11,964	1,769	6.8	92	4.5	4.5	4.8	5.3	6.1
3	GPN	Null	BBB	9	0.3%	2,679	2,262	417	5.4	20	4.9		3.4		6.6
4	SBUX	STARBUCKS CORP	BBB	23	0.6%	6,073	4,961	1,112	4.5	81	4.5	4.5	4.8	5.3	6.2
5	CVX	CHEVRON CORP NEW	AA	32	0.4%	4,566	3,673	893	4.1	58	4.1	4.1	4.3	5.0	5.6
6	PSX	PHILLIPS 66	BBB	23	0.5%	4,890	3,839	1,051	3.7	70	4.6	4.6	4.8	5.6	6.4
7	STZ	CONSTELLATION BRANDS INC	BBB	19	0.3%	2,877	2,217	660	3.4	37	4.6	4.6	4.9	5.4	6.1
8	EIX	EDISON MISSION	A	65	0.7%	7,017	5,324	1,693	3.1	135	4.6	5.4	5.3	5.9	6.6
9	WMT	WAL-MART	AA	39	0.7%	7,253	5,241	2,012	2.6	98	4.0	4.1	4.2	4.8	5.3
10	ARCC	ARES CAP CORP	BBB	11	0.2%	2,624	1,867	757	2.5	53	4.9	5.5	5.6		
11	CAT	CATERPILLAR	A	56	0.3%	3,157	2,171	986	2.2	56	4.2	4.3	4.4	5.2	5.5
12	GM	GENERAL MOTORS FINANCIAL COMPANY INC	BBB	96	1.2%	13,363	9,117	4,246	2.2	259	4.9	5.1	5.4	6.1	6.8
13	COP	CONOCOPHILLIPS	A	35	0.3%	2,968	2,008	960	2.1	61	3.9	4.4	4.7	5.2	6.0
14	SRE	SEMPRA ENERGY	A	80	0.3%	3,183	2,141	1,042	2.1	70	4.4	4.6	4.7	5.4	6.0
15	HPQ	HEWLETT PACKARD	BBB	26	0.6%	5,935	3,949	1,986	2.0	93	4.6	4.6	5.1	5.5	6.2
16	MET	METLIFE	A	21	0.4%	3,824	2,541	1,283	2.0	60	4.3		4.4	5.2	5.8
17	AEP	AMERICAN ELEC PWR CO INC	BBB	83	0.4%	3,751	2,488	1,263	2.0	80	4.5	4.7	4.9	5.5	6.2
18	CMCS	COMCAST	A	68	1.5%	15,758	10,435	5,323	2.0	195	4.3	4.4	4.6	5.3	6.0
19	NOC	NORTHROP GRUMMAN CORP	BBB	24	0.3%	3,507	2,323	1,184	2.0	34	4.5	4.4	4.7	5.0	5.7
20	BX	APRIA HEALTHCARE GROUP INC	BBB	46	0.4%	4,352	2,865	1,487	1.9	96	5.2	5.4	5.8	5.7	

Source: TRACE and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in TRACE.

-The top 20 issuers are selected among the top 100 most active issuers in odd-lot TRACE.

-Issuer ratings are based on median rating of traded bonds from each issuer. Bond ratings are from Moody's and S&P.

Corporate Bonds: Top 20 Issuers with Lowest Buy/Sell Ratio

May 2025

Index	Ticker	Company	Rating Key (Med)	Issues Traded	% of Total Trades	Trades	Trades (Buy)	Trades (Sell)	Buy/Sell Ratio	Dollar Vol. Traded (MM)	1Y Yield (Sell)	3Y Yield (Sell)	5Y Yield (Sell)	10Y Yield (Sell)	20Y Yield (Sell)
1	MU	MICRON TECHNOLOGY INC	BBB	14	0.8%	8,481	1,376	7,105	0.19	66		5.0	5.2	5.6	6.3
2	LLY	LILLY ELI & CO	AA	48	0.7%	7,393	2,049	5,344	0.38	93	4.6	4.4	4.4	5.0	5.6
3	AMZN	AMAZON COM INC	AA	28	0.6%	6,451	2,850	3,601	0.79	97	4.4	4.1	4.4	4.8	5.5
4	SCHW	SCHWAB CHARLES CORP NEW	A	31	0.5%	5,219	2,355	2,864	0.82	106	4.5	4.3	4.7		
5	BTI	BAT INTERNATIONAL FINANCE PLC	BBB	38	0.3%	2,883	1,365	1,518	0.90	62	4.7	4.6	5.0	5.6	6.5
6	MS	MORGAN STANLEY	A	1,374	1.7%	17,677	8,999	8,678	1.04	339	4.7	5.4	6.0	5.5	5.8
7	AAPL	APPLE INC	AA	51	1.2%	12,422	6,396	6,026	1.06	190	4.3	4.1	4.3	4.8	5.5
8	T	AT&T	BBB	110	0.9%	10,073	5,225	4,848	1.08	144	4.8	4.5	4.6	5.3	6.1
9	VZ	VERIZON	BBB	156	1.1%	11,918	6,197	5,721	1.08	154	4.5	4.4	4.8	5.3	6.0
10	BCS	BARCLAYS	BBB	550	0.3%	3,116	1,627	1,489	1.09	53	5.3	5.2	5.6	5.9	6.1
11	GS	GOLDMAN SACHS	A	1,117	2.3%	24,772	13,112	11,660	1.12	395	4.5	5.2	4.8	5.6	5.9
12	EXC	EXELON GENERATION CO LLC	BBB	99	0.3%	3,058	1,624	1,434	1.13	62	4.7	4.5	4.8	5.4	6.0
13	EDP	ENTERPRISE PRODS OPER LLC	A	36	0.4%	3,963	2,114	1,849	1.14	64	4.6	4.5	4.6	5.2	6.0
14	DIS	DISNEY WALT CO NEW MEDIUM TERM NTS BOOK	A	59	0.4%	4,185	2,245	1,940	1.16	68	4.4	4.1	4.4	5.2	5.7
15	RY	ROYAL BANK OF CANADA	A	330	0.4%	3,762	2,063	1,699	1.21	77	4.5	4.4	5.4	5.1	6.1
16	AMT	AMERICAN TOWER CORP NEW	BBB	35	0.3%	3,456	1,938	1,518	1.28	56	4.7	4.7	4.9	5.3	6.1
17	BA	BOEING CO	BBB	50	0.4%	4,305	2,423	1,882	1.29	89	5.1	4.9	5.1	5.7	6.4
18	GE	GENERAL ELEC CAP CORP MEDIUM TERM NTS BO	A	181	0.3%	3,075	1,730	1,345	1.29	58	5.1	4.8	4.8	5.3	5.8
19	TD	TORONTO DOMINION BK SR MEDIUM TERM BK NT	A	212	0.6%	6,080	3,435	2,645	1.30	86	4.6	4.5	4.8	5.7	
20	INTC	INTEL CORP	BBB	38	0.5%	5,380	3,064	2,316	1.32	101	4.8	4.7	5.0	5.5	6.5

Source: TRACE and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in TRACE.

-The top 20 issuers are selected among top 100 most active issuers in odd-lot TRACE.

-Issuer ratings are based on median rating of traded bonds from each user. Bond ratings are from Moody's and S&P.

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Corporate Bonds: Top 20 Most Bought Issues

May 2025

Index	Ticker	Company	Maturity	Rating Key (Med)	Coupon	Trades (Buy)	Trades (Sell)	Trades	Dollar Vol. Traded (MM)	Yield (Buy)	Yield (Sell)	Price (Buy)	Price (Sell)
1	ANTM	Null	Feb-35	A	5.200	10,080	212	10,292	40	5.3	5.4	99.2	98.7
2	NEE	FPL GROUP CAP INC	Jun-85	BBB	6.500	3,723	76	3,799	4			25.0	25.0
3	RF	REGIONS FINL CORP NEW	Sep-35	BBB	5.502	3,347	23	3,370	7			98.1	97.4
4	CMCS	COMCAST	May-35	A	5.300	2,557	93	2,650	17	5.3	5.3	100.3	99.8
5	WMT	WAL-MART	Apr-35	AA	4.900	2,180	123	2,303	24	4.8	5.0	100.8	99.5
6	CVX	CHEVRON CORP NEW	Apr-30	AA	4.687	2,141	135	2,276	10	4.3	4.5	101.5	100.9
7	C	CITIGROUP	Null	BB	7.000	2,137	217	2,354	16			99.8	101.6
8	SBUX	STARBUCKS CORP	May-30	BBB	4.800	2,093	51	2,144	23	4.8	4.9	99.9	99.7
9	TMUS	T-MOBILE USA INC	Apr-26	BBB	2.625	2,065	367	2,432	8	4.4	4.6	98.4	98.2
10	MTH	MERITAGE HOMES CORP	May-28	BBB	1.750	2,057	2	2,059	12	2.8	3.2	97.0	96.0
11	PSN	Null	Mar-29	N/R	2.625	1,986	10	1,996	12	1.7	1.5	103.3	104.1
12	GPN	Null	Mar-31	BBB	1.500	1,968	66	2,034	6	3.4	3.6	90.3	89.0
13	NEE	FPL GROUP CAP INC	Mar-34	BBB	5.250	1,858	105	1,963	14	5.3	5.4	99.3	98.8
14	VZ	VERIZON	Apr-35	BBB	5.250	1,783	60	1,843	13	5.2	5.4	100.1	99.2
15	BAC	BANK OF AMERICA	Null	BBB	6.625	1,656	124	1,780	48	6.5	6.5	101.5	101.4
16	HPQ	HEWLETT PACKARD	Oct-25	BBB	4.900	1,655	802	2,457	15	4.4	4.8	100.1	100.0
17	CVS	CVS CAREMARK CORP	Mar-28	BBB	4.300	1,577	1,149	2,726	19	4.8	4.8	98.7	98.6
18	STZ	CONSTELLATION BRANDS INC	May-33	BBB	4.900	1,480	99	1,579	10	5.4	5.3	96.9	97.3
19	LOW	LOWES COS INC	Apr-26	BBB	2.500	1,470	557	2,027	10	4.4	4.6	98.3	98.1
20	CMCS	COMCAST	May-55	A	6.050	1,437	51	1,488	8	6.0	6.1	101.0	99.5

Source: TRACE and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in TRACE.

-Ratings (AAA, AA, A, BBB, BB, B, C) are based on aggregate ratings from Moody's and S&P (when available).

Corporate Bonds: Top 20 Most Sold Issues

May 2025

Index	Ticker	Company	Maturity	Rating Key (Med)	Coupon	Trades (Buy)	Trades (Sell)	Trades	Dollar Vol. Traded (MM)	Yield (Buy)	Yield (Sell)	Price (Buy)	Price (Sell)
1	NEE	FPL GROUP CAP INC	Jul-27	BBB	4.625	240	4,616	4,856	14	4.5	4.5	100.3	100.3
2	MU	MICRON TECHNOLOGY INC	Nov-29	BBB	6.750	264	3,501	3,765	17	5.1	5.2	106.5	106.1
3	MU	MICRON TECHNOLOGY INC	Jan-31	BBB	5.300	276	3,157	3,433	17	5.2	5.3	100.2	100.2
4	LLY	LILLY ELI & CO	Feb-35	AA	5.100	235	2,866	3,101	15	5.1	5.0	100.1	100.5
5	GS	GOLDMAN SACHS	Null	BB	5.300	127	2,082	2,209	14	5.3	5.3	100.2	100.0
6	VZ	VERIZON	Sep-28	BBB	4.329	929	1,995	2,924	26	4.4	4.4	99.7	99.7
7	AAPL	APPLE INC	Aug-32	AA	3.350	167	1,750	1,917	13	4.5	4.5	92.9	93.2
8	LLY	LILLY ELI & CO	Aug-54	AA	5.050	41	1,409	1,450	12	5.7	5.6	91.2	91.9
9	AMZN	AMAZON COM INC	Dec-27	AA	4.550	272	1,212	1,484	9	4.1	4.1	101.1	101.0
10	MMM	3M CO	Oct-27	BBB	2.875	24	1,200	1,224	16	4.5	4.3	96.5	96.6
11	CVS	CVS CAREMARK CORP	Mar-28	BBB	4.300	1,577	1,149	2,726	19	4.8	4.8	98.7	98.6
12	CMCS	COMCAST	Nov-27	A	5.350	62	1,027	1,089	15	4.3	4.2	102.4	102.6
13	C	CITIGROUP	Nov-30	BBB	2.976	71	1,008	1,079	7			92.2	92.2
14	SCHW	SCHWAB CHARLES CORP NEW	Null	BBB	5.375	115	1,007	1,122	27			100.0	100.0
15	CMCS	COMCAST	Oct-28	A	4.150	1,326	983	2,309	19	4.4	4.4	99.2	99.1
16	F	FORD	Dec-26	BBB	4.346	656	827	1,483	23	5.3	5.3	98.6	98.6
17	HPQ	HEWLETT PACKARD	Oct-25	BBB	4.900	1,655	802	2,457	15	4.4	4.8	100.1	100.0
18	DWDP	Null	Nov-28	BBB	4.725	1,228	729	1,957	10	4.4	4.4	101.1	100.8
19	WFC	WELLS FARGO	Jul-33	A	4.897	1,002	725	1,727	13			97.9	97.5
20	T	AT&T	Mar-29	BBB	4.350	804	707	1,511	13	4.5	4.6	99.4	99.3

Source: TRACE and Tradeweb Direct

-Based on odd-lot customer transactions (<100M) reported in TRACE.

-Ratings (AAA, AA, A, BBB, BB, B, C) are based on aggregate ratings from Moody's and S&P (when available).

Appendix

Maturity

We consider the following maturity ranges for maturity buckets. TTM is Time to Maturity in years.

1Y: $0.5 \leq TTM \leq 1.5$
 3Y: $2 \leq TTM \leq 4$
 5Y: $4 < TTM \leq 6$
 10Y: $7.5 \leq TTM \leq 12.5$
 20Y: $15 \leq TTM \leq 25$

Rating

Rating buckets (AAA, AA, A, BBB, HY) in yield matrix are based on aggregate ratings from Moody's and S&P (when available).

For Corporate, we only consider transactions in bonds that are rated by both rating agencies.

-Corporate AAA: Bonds rated AAA by both rating agencies.

-Corporate AA: Bonds rated AA by both rating agencies.

-Corporate A: Bonds rated A by both rating agencies.

-Corporate BBB: Bonds rated BBB by both rating agencies.

-Corporate High Yield: Bonds rated High Yield by both rating agencies.

(Transactions in corporate bonds that are rated as AA by one agency and as A by another agency are excluded.)

-Municipal AAA: Bonds rated AAA by both rating agencies, or AAA by one agency and not rated by another agency.

-Municipal AA: Bonds rated AA by both rating agencies, or AA by one agency and not rated by another agency.

-Municipal A: Bonds rated A by both rating agencies, or A by one agency and not rated by another agency.

-Municipal BBB: Bonds rated High Yield by both rating agencies, or BBB by one agency and not rated by another agency.

-Municipal High Yield: Bonds rated High Yield by both rating agencies, or High Yield by one agency and not rated by another agency.

(Transactions in municipal bonds that are rated as AA by one agency and as A by another agency are excluded.)

(Transactions in municipal bonds that are rated as AA by one agency and not rated by the other agency are included.)

Disclosures

This report represents certain customer trades in securities that have been reported by dealers to FINRA's Trade Reporting and Compliance Engine ("TRACE"), and the Municipal Securities Rulemaking Board ("MSRB"). The report does not necessarily reflect all transactions that were effected on dates noted. There is the possibility of errors or delays in the trade submission process. Prices for transactions vary with market conditions and can be affected by trade size and other factors. The information provided has been obtained from sources deemed to be reliable, however Tradeweb Direct does not guarantee the accuracy of the information contained in this report.

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