

The Treasury Market Practices Group (TMPG) today released updates for two of its <u>ongoing working groups</u>: Clearing and Settlement Practices for Treasury SFTs, and Treasury Market Data and Transparency. First, the TMPG released a <u>draft set of maps</u> and <u>summary note</u> that illustrate current clearing and settlement processes for common securities financing transaction types for Treasuries – repurchase and securities lending agreements (collectively referred to as Secured Financing Transactions or SFTs). Second, the TMPG released a <u>draft catalogue</u> and <u>summary note</u> of data currently available in the Treasury cash, futures and financing markets.

Treasury Futures Treasury Cash Markets Financing-Repo Other Official/Regulatory Data Definitions

MARKET SEGMENT/ TRADING PROTOCOL AND DATA TYPE	DESCRIPTION	DATA PUBLICLY AVAILABLE? (EITHER FREELY OR FOR COST
All market segments + protocols		
Contract information	Contract name/code: Regular: 2yr, 3yr, 5yr, 10yr, Ultra 10yr, Treasury bond, Ultra Treasury bond Spread: Invoice spreads, curve spreads, etc.	~
	Minimum trade size	~
	Price quotation	~
	Trading hours	~
	Tick size (minimum price change)	~
	Expiration/delivery date	~
	Deliverable securities	~
	Cheapest-to-deliver (CTD) securities	~
	Coupon normalization rate (conversion factor)	~
	Price change limits	~
	Margin requirements/info	~
Central limit order book (CLOB)		
Pre-trade information	Prices: Bid and ask quotes	~
	Number of contracts per price level	~
	Breakdown by order size	~
	Prices and sizes by position in queue (PIQ)	~
Post-trade information	Prices: Executed prices	~
	Prices: Composite / historical	~
	Cancelations / amendments	~
	Volumes: Executed trades Open interests Fills (partial vs. completed)	~
	Counterparty identity	X
	Venue (electronic vs. open outcry)	~
Block trades		
Pre-trade information	Prices: Bid and ask quotes	X
	Contracts per price	X
	Breakdown by order size	X
	Prices and sizes by position in queue (PIQ)	X
Post-trade information	Prices: Executed Prices	~
	Prices: Composite / historical	X
	Cancelations / amendments	X
	Volumes: Executed trades	~
	Counterparty identity	X



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MARKET SEGMENT/ TRADING PROTOCOL AND DATA TYPE	FIELD/DESCRIPTION	DATA PUBLICLY AVAILABLE? (EITHER FREELY OR FOR COST
Central limit order book (CLOB)		
Contract information	Security/trade name or code: On-the-runs: nominals Curve trades: Spreads, butterflies	✓
	Minimum trade size	✓
	Price quotation Trading hours	~
	Tick size (minimum price change)	✓
	Settlement date Price change limits	×
	Margin requirements/info	✓
Pre-trade information	Prices: Bid and ask quotes Offers per price	✓
	Breakdown by order size	✓
Post-trade information	Prices and sizes by position in queue (PIQ) Prices: Executed prices	~
	Prices: Composite / historical	X
	Volumes:	
	Executed Trades Workup	
Poguest for guete (PEO)	Counterparty identity	X
Request for quote (RFQ) Contract information	Security/trade name or code:	
	On-the-runs and when-issueds: Generics by tenor across market types Off-the-runs: CUSIP across market types (bills, coupons, FRNs, TIPS, STRIPS) Curve trades: spreads (2s5s, etc.), butterflies (2s5s10s, etc.)	~
	Spreads: Generic vs. CUSIP, generic vs. swap Minimum trade size	✓
	Price quotation	· ·
	Trading hours Prices: Indicative bid and ask quotes	~
Pre-trade information	Bid and ask axes generally by size, price, and/or time	~
	Counterparty identity	X
Post-trade information	Prices: Executed prices Prices: Composite / historical	X ✓
	Cancelations / amendments	X
	Volumes: Executed trades	X
Direct store	Counterparty identity	X
Direct streaming Contract information	Security/trade name or code:	
	On-the-runs: nominals Minimum trade size	~
	Minimum trade size Price quotation	~
	Trading hours Prices: hid and ask quotes	•
Pre-trade information	Prices: bid and ask quotes Bid and ask axes generally by size, price, and/or time	X
	Counterparty identity	X
Post-trade information	Prices: Executed prices Prices: Composite / historical	X
	Cancelations / amendments	X
	Volumes: Executed trades	X
	Counterparty identity	X
Voice / Phone trades Contract information	Security/trade name or code:	
	On-the-runs and when-issueds: Generics by tenor across market types Off-the-runs: CUSIP across market types (bills, coupons, FRNs, TIPS, STRIPS) Curve trades: Spreads (2s5s, etc.), butterflies (2s5s10s, etc.)	✓
	Spreads: Generic vs. CUSIP, generic vs. swap	
	Minimum trade size Price quotation	×
	Trading hours	X
Pre-trade information	Prices: Indicative bid and ask quotes Bid and ask axes generally by size, price, and/or time	~
	Counterparty identity	X
Post-trade information	Prices: Executed prices Prices: Composite / historical	×
	Cancelations / amendments	X
	Volumes: Executed trades	X
	Counterparty identity	X
Batch auctions Contract information	So a with through the page of the state of t	
Contract information	Security/trade name or code: Off-the-runs by CUSIP across market types	~
	Minimum trade size Settlement date	~
	Trading hours	✓
Pre-trade information	Prices: Executed prices Counterparty identity	X
Post-trade information	Volumes: Executed trades	X
	Counterparty identity	X
J.S. Treasury auctions		
Contract information	Security/trade name or code: Bills & CMB's, nominals, TIPS, and FRNs	~
	Minimum trade size	~
	Price quotation Auction time	~
	Minimum bid increment	•
Pre-auction information	Settlement date Prices: Indicative bid and ask quotes	✓
	Counterparty identity	X
ost-auction information	Prices: Stopout rate/yield/discount margin Prices: Bid distribution	×
	Allotments:	^
	Volume by investor class Volumes:	
	Amount accepted Amount tendered Counterparty identity	- -
J.S. Treasury buybacks (Purchase of marke	Counterparty identity table securities by the U.S. Treasury)	X
Contract information	Security/trade name or code:	✓
	CUSIPs designated by the Treasury Minimum trade size	→
	Price quotation	X
	Auction time Minimum offer increment	✓
	Minimum offer increment Settlement date	~
Pre-trade information	Prices: Indicative bid and ask quotes Offers per price	~
	Offers per price Counterparty identity	X
Post-trade information	Prices: Executed Prices	✓
	Prices: Composite / historical Cancelations / amendments	X
	Volumes: Amount accepted	✓
	Amount accepted Amount submitted Counterparty identity	X
Federal Reserve operations (Purchase or s	rale of marketable securities for the SOMA portfolio)	^
Contract information	Security/trade name or code: Off-the-runs: CUSIP across market types (bills, nominals, FRNs, TIPS)	✓
	Minimum trade size	✓
	Price quotation	X
	Auction time Tick size (minimum price increment)	×
	Settlement date	
Pre-trade information	Prices: Indicative bid and ask quotes	

Prices: Executed prices

Amount accepted Amount submitted

Counterparty identity

Volumes:

Prices: Composite / historical

Cancelations / amendments

Post-trade information

X

X

X



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Treasury Futures Treasury Cash Markets **Financing-Repo** Other Official/Regulatory Data Definitions

MARKET SEGMENT/ TRADING PROTOCOL AND DATA TYF	DESCRIPTION	DATA PUBLICLY AVAILABLE? (EITHER FREELY OR FOR COST
Tri-party		
Trade/contract information	Security/trade name or code	X
	Settlement date	X
	Rate	X
	Collateral type	X
Pre- and post-trade information	Standing quotation (bid and ask)	X
	Executed/flashed pricing (bid and ask)	X
	Executed trade size	X
	Volumes	~
	Rates (average or median)	~
	Counterparty identity	X
Uncleared bilateral		
Trade/contract information	Security/trade name or code	X
	Settlement date	X
	Rate	X
	Collateral type	X
Pre- and post-trade information	Standing quotation (bid and ask)	~
	Executed/flashed pricing (bid and ask)	~
	Executed trade size	~
	Volumes	X
	Rates (average or median)	X
	Counterparty identity	x
Cleared delivery-versus-payment ((DVP)	
Trade/contract information	Security/trade name or code	X
	Settlement date	X
	Rate	X
	Collateral type	X
Pre- and post-trade information	Standing quotation (bid and ask)	~
	Executed/flashed pricing (bid and ask)	~
	Executed trade size	~
	Volumes	~
	Rates (average or median)	~
	Counterparty identity	x
General collateral finance (GCF)		
Trade/contract information	Security/trade name or code	X
	Settlement date	X
	Rate	X
	Collateral type	X
Pre- and post-trade information	Standing quotation (bid and ask)	~
	Executed/flashed pricing (bid and ask)	~
	Executed trade size	~
	Volumes	~
	Rates (average or median)	~
	Counterparty identity	X
Federal Reserve operations (repo	and reverse repo operations)	
Trade information	Volume	~
	Rate	~
	Tenor	~



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OTHER DATA PROVIDED BY OFFICIAL/REGULATORY SECTOR

MARKET SEGMENT AND DATASET	DESCRIPTION OF PUBLICLY AVAILABLE DATA	
Futures		
Commitment of Traders (COT) and traders in Financial Futures (TFF)	Aggregated long, short, and spreading positions by participant type.	
FRB Enhanced Financial Accounts, Form PF	Aggregated ownership for hedge funds.	
Cash		
Financial Accounts of the United States - Z.1	Aggregated transactions and ownership of U.S. Treasury securities by various market participants, including households, financial and non-financial businesses, and state and local governments, and aggregated outstanding amounts as federal government liabilities.	
FRB Enhanced Financial Accounts (including Form PF)	Aggregated ownership for hedge funds, money market funds, depository institutions, etc.	
Assets and Liabilities of Commercial Banks in the United States - H.8	Aggregated holdings of U.S. Treasury securities by banks in the U.S.	
U.S Treasury's Treasury International Capital (TIC)	Aggregated transactions and holdings of U.S. Treasury securities by foreign investors.	
Factors Affecting Reserve Balances - H.4.1	Aggregated holdings of U.S. Treasury securities by depository institutions and Federal Reserve banks.	
System Open Market Account (SOMA) Holdings of Domestic Securities	Aggregated and CUSIP-level holdings of U.S. Treasury securities in the SOMA portfolio.	
FRB Report Forms, FR 2004	Aggregated transaction volume, positions, securities financing transactions, and fails of U.S. Treasury securities by primary dealers across security types, maturity ranges, and generalized counterparty types.	
FINRA's Trade Reporting and Compliance Engine (TRACE)	Aggregated transactions in U.S. Treasury securities by FINRA-members across various security types, maturity ranges, and generalized counterparty types.	
U.S. Treasury's Auction Results	Auction pricing results and allocations by bidder type.	
U.S. Treasury's investor Class Auction Allotments	Delayed auction allotments by investory type for every CUSIP.	
U.S. Treasury's Daily Treasury Statement	Summarizes the US Treasury's cash and debt operations for the Federal Government on a modified cash basis.	
U.S. Treasury's Monthly Statement of the Public Debt	Public and intra-governmental holdings and outstanding amounts of marketable and non- marketable debt, oustanding amounts by CUSIP, and holdings of U.S. Treasury securities in stripped form.	
Financing-Repo		
Secured Reference Rates	Published rates and volumes for various repo market segments.	
Office of Financial Research Short-term Funding Monitor	Aggregated rate and volume data based on maturity, collateral type and market segment.	
FRB Report Forms, FR 2004	Aggregated transaction volume, positions, securities financing transactions, and fails of U.S. Treasury securities by primary dealers across security types, maturity ranges, and generalized counterparty types.	
Tri-Party/GCF Repo Data	Aggregated volumes, margins, and concentration within the tri-party/GCF repo market across all eligible security types.	



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TERM	DEFINITION
Batch auction	A batch auction, also sometimes described as session trading or volume match trading, is a trading protocol in which, at regular intervals within a given period (e.g., during a week or within a trading day), a platform collects anonymous bids and offers for a given security over a short window of time and then matches the buy/sell orders.
Block trade	A block trade is a privately negotiated trade that meets certain quantity thresholds and that is permitted to be executed apart from the central limit order book.
Central limit order book (CLOB)	A central limit order book (CLOB) is the main trading execution method used by exchanges in which market participants' anonymous buy/sell orders at various price levels for a given asset are executed, often on a time and price priority matching basis.
Cheapest-to-deliver (CTD) security	The security that is cheapest for the short position in a Treasury futures contract to deliver to satisfy the contract.
CUSIP	A CUSIP is a nine-digit numeric or nine-character alphanumeric code that identifies a North American financial security for the purposes of facilitating the clearing and settlement of trades.
Direct streaming	Direct streaming is a form of automated trading in which market participants provide continuous, executable quotes of bid and ask prices across benchmark Treasuries in the interdealer broker market segment.
Request for quote (RFQ)	The request for quote (RFQ) protocol is one in which market participants can solicit quotes from multiple dealers for a specific security.
Voice / phone trades	Voice/phone trades are trades executed over bilateral communication systems, such as phone, email, or other messaging systems.
Axe	An axe is the colloquial term for the interest that a trader shows in buying a security it has sold short or selling a security that is already on balance sheet.
Workup	The "workup" mechanism, a trading protocol used in the U.S. Treasury securities market, is designed to mitigate the instantaneous price impact of a trade by allowing market participants to trade additional quantities of a security after a buyer and seller first agree on its price.