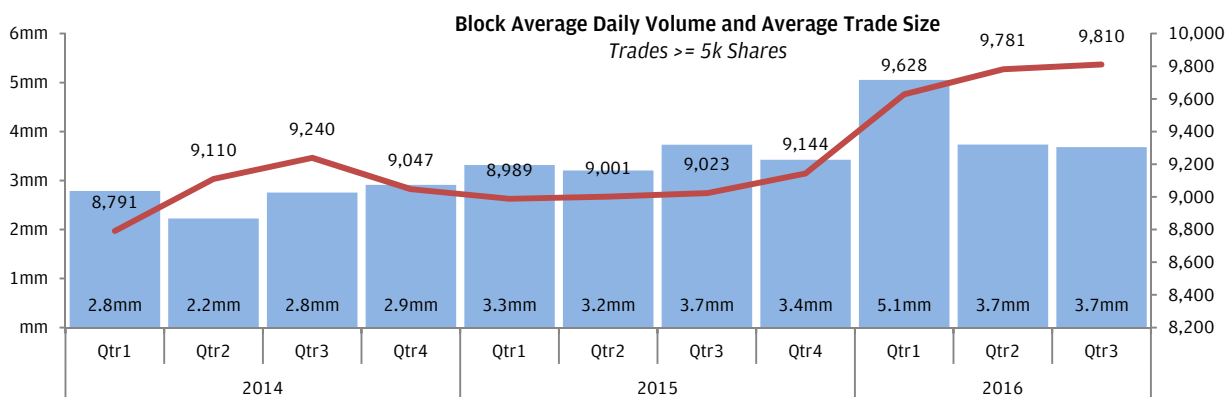
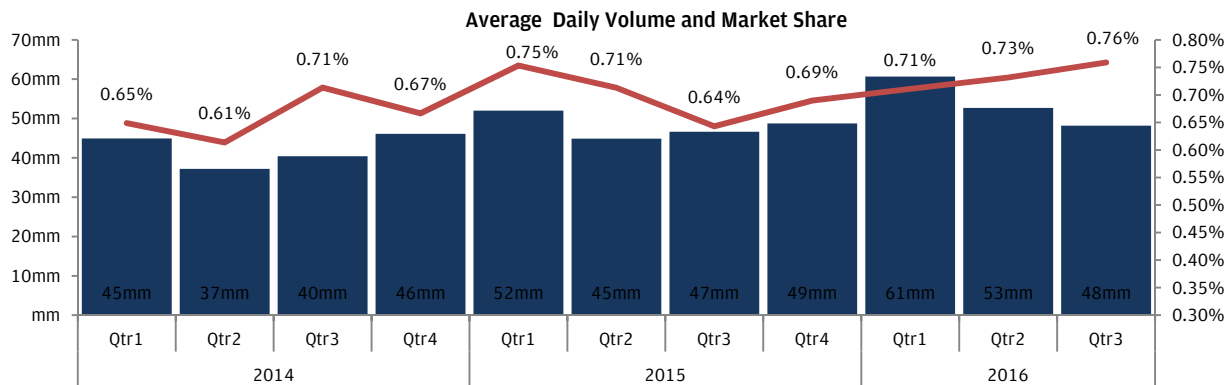
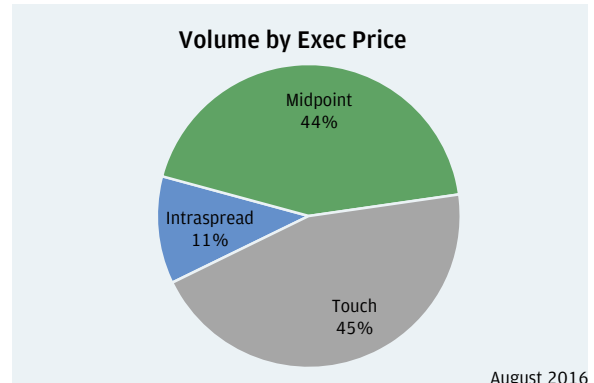


Features and Benefits

- Tier structure to support customizable crossing
- Conditional order support
- Price/Tier/Time priority matching
- Broad spectrum of J.P. Morgan liquidity
- Liquidity, speed, and execution quality
- Opportunity for price improvement
- Continuous crossing

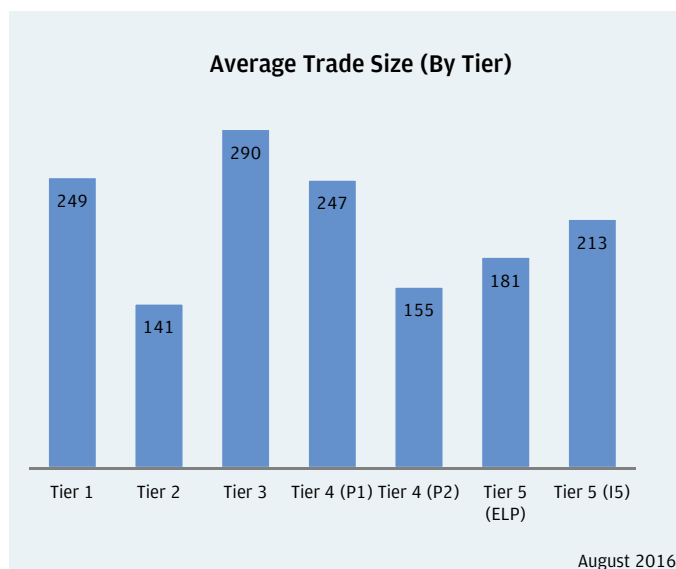
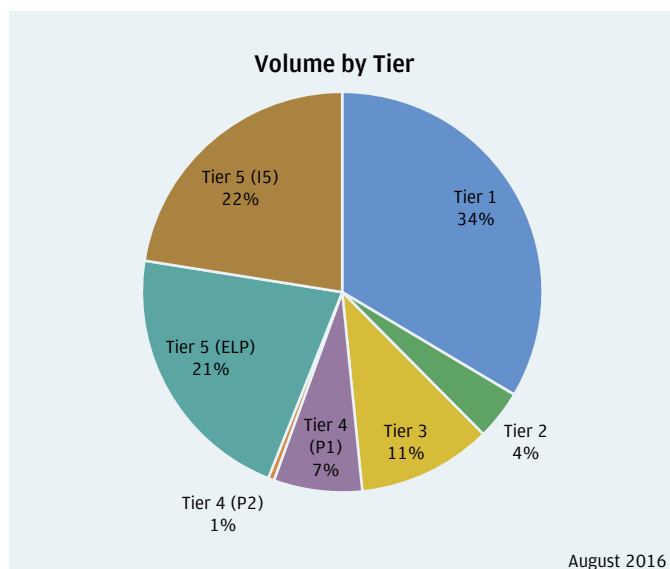
August 2016 JPM-X Statistics	
Average Daily Volume (single counted)	47.2 mm
Average Trade Size	218 shares
# of Symbols traded	6,508 unique symbols
% of Volume >= 5k shares	7.8% of Volume (3.7 mm ADV)
Average Block Size (>= 5k shares)	10,079 shares



Order Flow Tiers

Our differentiated tiering structure allows clients to customize the order flow types with which they interact. Order flow types are used to tier the JPM-X order book.

- **Tier 1:** Institutional investor client flow accessing JPM-X via algorithms or SOR
- **Tier 2:** Institutional investor client flow with direct access to JPM-X
- **Tier 3:** Broker-dealer client flow (both agency and principal) accessing JPM-X via algorithms or SOR
- **Tier 4 (P1):** JPMS trading desk flow accessing JPM-X via algorithms or SOR
- **Tier 4 (P2):** Internal (JPMS) electronic liquidity provider flow with direct access to JPM-X
- **Tier 5 (ELP):** Flow of external broker-dealers acting as electronic liquidity providers with direct access to JPM-X
- **Tier 5 (I5):** Flow of broker-dealers not acting as electronic liquidity providers (both agency and principal) with direct access to JPM-X



Sources: JPMorgan Tick and Trade Data, BATS Market Volume Summary http://www.batstrading.com/market_summary

Please also see:

JPM-X Form ATS: https://www.jp Morgan.com/directdoc/ecs_form_ats.pdf

CONTACT ELECTRONIC CLIENT SOLUTIONS

1 212 622 2826

ecs-ny-desk@jpmorgan.com

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