Cboe Reports Trading Volume for July 2021

<table>
<thead>
<tr>
<th></th>
<th>July 2021</th>
<th>July 2020</th>
<th>% Chg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiply-Listed Options ADV</td>
<td>9,848</td>
<td>7,634</td>
<td>29%</td>
</tr>
<tr>
<td>Index Options ADV</td>
<td>1,918</td>
<td>1,321</td>
<td>45%</td>
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<tr>
<td>Futures ADV</td>
<td>224</td>
<td>143</td>
<td>56%</td>
</tr>
<tr>
<td>U.S. Equities - On-Exchange ADV</td>
<td>1,398</td>
<td>1,610</td>
<td>-13%</td>
</tr>
<tr>
<td>U.S. Equities - Off-Exchange ADV</td>
<td>75</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Canadian Equities ADV</td>
<td>34,333</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>European Equities ADNV (€, mn)</td>
<td>7,146</td>
<td>5,874</td>
<td>22%</td>
</tr>
<tr>
<td>EuroCCP Total Cleared Trades (k)</td>
<td>100,768</td>
<td>91,221</td>
<td>11%</td>
</tr>
<tr>
<td>EuroCCP Total Net Settlements (k)</td>
<td>828</td>
<td>676</td>
<td>22%</td>
</tr>
<tr>
<td>Australian Equities ADNV (AUD, mn)</td>
<td>1,278</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Japanese Equities ADNV (JPY, bn)</td>
<td>75</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Global FX ADNV ($)</td>
<td>33,051</td>
<td>30,031</td>
<td>10%</td>
</tr>
</tbody>
</table>

On **Wednesday, August 4**, Cboe reported July 2021 trading volume. Some highlights include:

- S&P 500 Index (SPX) options had the highest monthly average daily volume (ADV) for the year.
- Average daily notional value (ADNV) in Non-Deliverable Forwards (NDFs) transacted on Cboe SEF reached $369 million during July, the fourth consecutive record month.
- Total volume in Russell 2000 Index (RUT) options reached nearly 1.2 million contracts traded in July.
- Cboe iBoxx iShares $ High Yield Corporate Bond Index (IBHY) futures set an all-time monthly volume record in July, surpassing $5 billion in total monthly notional value traded for the first time. Read the IBHY futures press release.

For a full recap of volume highlights for the month, see the press release.

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**Enhancement to Trade Detail and Trade Data Stamps**

On **Sunday, August 1**, for Cboe Futures Exchange (CFE) and **Monday, August 2**, for Cboe Options Exchanges, time stamps for the monthly Trade Detail files and daily Trade Data reports began providing microsecond-level granularity using the HH24:MI:SS.US format. The Trade Data report is available through the Trade Data tool in the Customer Web Portal.

See the Tradedesk Update.
Cboe Compression Service Multilateral Compression Functionality

On **Thursday, August 12**, Cboe Options Exchange will introduce multilateral compression for SPX and SPX Weekly (SPXW) options to the Cboe Compression Service (CSS). Trading Permit Holders (TPHs) certified in the Cboe certification environment will be able to join multilateral compression cycles running every Thursday in production. In addition to running the daily match data service, Cboe will run a hybrid service comprising both multilateral compression and the match data service on Thursdays.

The first live compression on the effective date will be limited, only accepting positions for the SPXW options expiring **Tuesday, August 31**. The limited scope will allow certified TPHs to validate TPH-side systems integration with a limited number of trades. Subsequent compression cycles will accept positions in all listed SPX and SPXW options.

See the [Tradedesk Update](#).

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**Cboe Options to Automatically Identify Reversal, Conversion and Jelly Roll Strategies via StrategyID Field**

Effective **Tuesday, August 17**, Cboe Options Exchange will automatically identify three strategies that are fee cap eligible, eliminating the need to manually identify these strategies to realize fee benefits. Conversions, reversals and jelly rolls will automatically be identified in the *StrategyID* field if there is no strategy ID marked. If *StrategyID* is marked, it will not be overwritten. Testing is currently available in the Cboe certification environment.

See the [Tradedesk Update](#).

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**Cboe Options Introduces 16-Leg Maximum for Non-FLEX Complex Orders**

Effective **Wednesday, August 25**, Cboe, C2 and EDGX Options Exchanges will each increase the number of legs it can support on non-FLEX complex (multi-leg) orders from 12 to 16. On Cboe and EDGX Options Exchanges, one of those complex legs may be a stock leg. The increased number of legs permitted on a single message will apply to inbound orders, auction responses, outbound reports, strategy definitions and market data messaging. On the effective date, Cboe Silexx will support up to 16 legs on a single order ticket. Testing is currently available in the Cboe, C2 and EDGX certification environments.

In addition, a new BOE field, *LegPositionEffectsExt*, will be introduced to indicate the status of the client position in the option for each complex option leg and is intended to be used with complex instruments containing greater than 12 legs. FIX order entry *LegPositionEffects* will continue to function as it is currently operating and will accommodate up to 16 legs.

See the [Tradedesk Update](#).
Cboe to Extend Global Trading Hours for VIX and SPX Options to Nearly 24 Hours, Beginning November 21, 2021

Curb Session
As part of the extension of Global Trading Hours (GTH), effective Monday, September 27, Cboe Options Exchange will introduce a brief Curb session operating from 4:30 p.m. to 5:00 p.m. ET, Monday through Friday for VIX and SPX options.

Testing became available in the Cboe certification environment Monday, August 2. Beginning Monday, August 30, Cboe plans to support live Monday through Friday production testing with designated test symbols during the Curb session. Cboe will also add support for the new Trade Condition field value disseminated via the Cboe Options Multicast PITCH, TOP and FLEX Feeds for Curb session trades at the same time as certification enablement and production release of the Curb session.

See the Tradedesk Update.

Testing
Cboe plans to enable testing for the extended GTH session in the Cboe Options Exchange certification environment beginning Sunday, August 29. On Sunday, September 19, Cboe plans to support live Monday through Friday production testing with designated test symbols during the extended GTH session and will schedule four U.S. holiday testing opportunities.

See the Tradedesk Update.

Please Feel Free to Contact Us
We encourage your input on these and other exchange matters. You may email us at TillyE@cboe.com and Chris@cboe.com.

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