

# Quantifying Interest-Rate Swap Order Book Liquidity

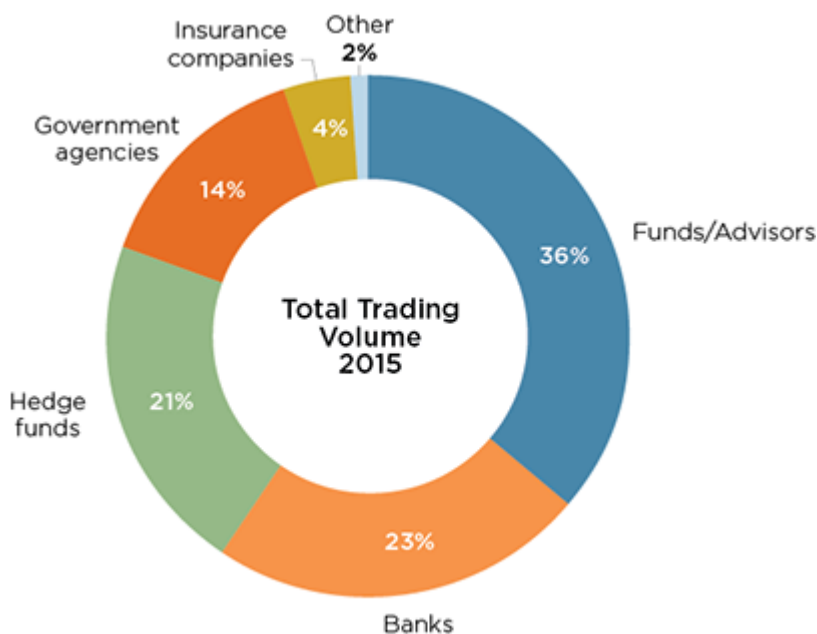
March 9, 2016

## Executive Summary:

With much of the SEF mandate shock behind us and true execution data more readily available than ever before, examining the order book's potential beyond its current usage is prudent. For the dealer community, it seems likely that more and more vanilla trades will find their way to the screen as the need to cut costs makes phone-based brokerage fees harder to justify. For clients, most of whom feel they're getting best execution via name-disclosed RFQ, drivers for change are, on the surface, still relatively limited.

However, examining liquidity available in other market centers—in this case those with order books—at the time of the actual execution can provide insight into how investors can achieve improved results in the future.

## Methodology:



Greenwich Associates examined trading data for nearly 100 interest-rate swaps executed in July and August of 2015. The analysis focused on benchmark USD interest-rate swaps, examining a nearly even mix of outrights (10 year), butterfly (2/5/10) and curve (10/30) trades. Historical trade data was obtained from the DTCC swap data repository, and tick-level order book data was obtained from both ICAP and Tradition. Data Scientist Orlando Joe Almodovar aided in the quantitative portion of this study.

Greenwich Associates also interviewed 111 interest-rates derivatives institutional investors in the U.S.

between February and April 2015 about their trading activities and preferences, product and dealer use, service provider evaluations, market trend analysis and compensation.



---

[www.greenwich.com](http://www.greenwich.com) | [ContactUs@greenwich.com](mailto:ContactUs@greenwich.com)

Coalition Greenwich, a division of CRISIL, an S&P Global Company, is a leading global provider of strategic benchmarking, analytics and insights to the financial services industry.

We specialize in providing unique, high-value and actionable information to help our clients improve their business performance.

Our suite of analytics and insights encompass all key performance metrics and drivers: market share, revenue performance, client relationship share and quality, operational excellence, return on equity, behavioral drivers, and industry evolution.

## About CRISIL

CRISIL is a leading, agile and innovative global analytics company driven by its mission of making markets function better. It is majority owned by S&P Global Inc., a leading provider of transparent and independent ratings, benchmarks, analytics, and data to the capital and commodity markets worldwide.

CRISIL is India's foremost provider of ratings, data, research, analytics, and solutions with a strong record of growth, culture of innovation, and global footprint.

It has delivered independent opinions, actionable insights and efficient solutions to over 100,000 customers through businesses that operate from India, the U.S., the U.K., Argentina, Poland, China, Hong Kong, and Singapore.

For more information, visit [www.crisil.com](http://www.crisil.com)

## Disclaimer and Copyright

This Document is prepared by Coalition Greenwich, which is a part of CRISIL Ltd, an S&P Global company. All rights reserved. This Document may contain analysis of commercial data relating to revenues, productivity and headcount of financial services organisations (together with any other commercial information set out in the Document). The Document may also include statements, estimates and projections with respect to the anticipated future performance of certain companies and as to the market for those companies' products and services.

The Document does not constitute (or purport to constitute) an accurate or complete representation of past or future activities of the businesses or companies considered in it but rather is designed to only highlight the trends. This Document is not (and does not purport to be) a comprehensive Document on the financial state of any business or company. The Document represents the views of Coalition Greenwich as on the date of the Document and Coalition Greenwich has no obligation to update or change it in the light of new or additional

information or changed circumstances after submission of the Document.

This Document is not (and does not purport to be) a credit assessment or investment advice and should not form basis of any lending, investment or credit decision. This Document does not constitute nor form part of an offer or invitation to subscribe for, underwrite or purchase securities in any company. Nor should this Document, or any part of it, form the basis to be relied upon in any way in connection with any contract relating to any securities. The Document is not an investment analysis or research and is not subject to regulatory or legal obligations on the production of, or content of, investment analysis or research.

The data in this Document may reflect the views reported to Coalition Greenwich by the research participants. Interviewees may be asked about their use of and demand for financial products and services and about investment practices in relevant financial markets. Coalition Greenwich compiles the data received, conducts statistical analysis and reviews for presentation purposes to produce the final results.

THE DOCUMENT IS COMPILED FROM SOURCES COALITION GREENWICH BELIEVES TO BE RELIABLE. COALITION GREENWICH DISCLAIMS ALL REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, WITH RESPECT TO THIS DOCUMENT, INCLUDING AS TO THE VALIDITY, ACCURACY, REASONABLENESS OR COMPLETENESS OF THE INFORMATION, STATEMENTS, ASSESSMENTS, ESTIMATES AND PROJECTIONS, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARISING OUT OF THE USE OF ALL OR ANY OF THIS DOCUMENT. COALITION GREENWICH ACCEPTS NO LIABILITY WHATSOEVER FOR ANY DIRECT, INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE OF ANY KIND ARISING OUT OF THE USE OF ALL OR ANY OF THIS DOCUMENT.

Coalition Greenwich is a part of CRISIL Ltd, an S&P Global company. ©2024 CRISIL Ltd. All rights reserved.

[greenwich.com](https://greenwich.com)

[ContactUs@greenwich.com](mailto:ContactUs@greenwich.com)

Ph +1203.625.5038