Recipe for FX Success: Right People + Right Technology

2018 Greenwich Leaders: Global Foreign Exchange Services

Q2 2018

It was hard for foreign exchange (FX) dealers to make money in 2017. In retrospect, perhaps that extended period of frustratingly slow market activity was just the breather banks needed to get their FX desks prepped and ready for the sudden reappearance of volatility in February 2018.

Throughout the least volatile year in recent memory, banks around the world invested heavily in their FX businesses. Most were working to keep up with Citi and J.P. Morgan, which, among top-tier accounts, have established themselves firmly atop the list of 2018 Greenwich Share Leaders in Global FX. These two banks have leveraged extensive global networks and best-in-class technology platforms to build a lead over the rest of the market that is wide and still growing. Major competitors have also made significant investments, including UBS and Deutsche Bank, which tie for third place, and Goldman Sachs, HSBC and Bank of America Merrill Lynch, which tie for fifth.

Greenwich Share Leaders – 2018



Global FX Market Share

Dealer	Statistical Rank
J.P. Morgan	1T
Citi	1T
UBS	3T
Deutsche Bank	3T
Goldman Sachs	5T
HSBC	5T
Bank of America Merrill Lynch	5T

Base: 1,455

Global Financials FX Market Share

Dealer	Statistical Rank
J.P. Morgan	1T
Citi	1T
UBS	3
Deutsche Bank	4T
Goldman Sachs	4T
Bank of America Merrill Lynch	4T
HSBC	4T
Base: 833	

Note: Based on top-tier accounts. Top five leading dealers are cited including ties. Source: Greenwich Associates 2018 Global Foreign Exchange Services Study

Global Corporates FX Market Share

Dealer	Statistical Rank
Citi	1
J.P. Morgan	2
HSBC	3
Bank of America Merrill Lynch	4T
Barclays	4T
Deutsche Bank	4T

Base: 622



Citi and J.P. Morgan claim the title of 2018 Greenwich Quality Leaders in Global FX Service Quality. The same two banks are also atop the market in Global FX Trading, while Bank of America Merrill Lynch is the 2018 Quality Leader in Global FX Sales. "2017 was a year that saw several banks make strategic investments in FX, particularly in e-trading, to prepare for the expected rebound in the business," says Greenwich Associates Managing Director James Borger.

Greenwich Quality Leaders – 2018 GREENWICH Greenwich Quality Leader		
Global FX Service Quality	Global FX Trading Quality	
Dealer	Dealer	
Citi	Citi	
J.P. Morgan	J.P. Morgan	
Base: 1,455	Base: 1,455	
Global FX Sales Quality		
Dealer		
Bank of America Merrill Lynch		

Source: Greenwich Associates 2018 Global Foreign Exchange Services Study

Right People + Right Technology

Most strategic investments last year focused on technology. For the past decade, banks have built out e-trading capabilities in order to capture their share of the growing percentage of FX trades being executed electronically. Today, technology has permeated the entire business, making FX one of the most electronic markets. While individual banks might have strengths in either high-touch sales or e-trading, the two channels are becoming increasingly interconnected. It's getting harder to be especially good in one area without the other, so dealers have had to invest in both. One example: J.P. Morgan, which traditionally excelled in electronic trading, now ranks near the top of the industry in sales coverage quality.

"Some banks have the right people, but not the right technology," says Greenwich Associates consultant Satnam Sohal. "A strong technology platform helps free up sales traders, who can then spend less time on operational issues and more time with clients." To put this in context, the 2018 Global FX Services Study shows a notable increase in the value buy-siders place on dealers' e-trading capabilities as a factor in directing their flows to counterparties.

Building a global FX platform is expensive—and maintaining these platforms is actually becoming more costly due to the need to continually roll out new technologies. In addition to competing for business on third-party e-trading platforms and delivering proprietary services on their own single-dealer platforms, for instance, more banks are now investing in execution algorithms for the buy side.

A 2018 Greenwich Report, <u>The Evolution of FX Algos: From "Nice to Have" to "Need to Have,"</u> projects that while algorithmic trading currently accounts for only limited FX trading volume, it will grow in importance over the next three years—forcing dealers to deliver. "While algo adoption has so far been higher among the largest institutional users of FX, a steady rise in the use of TCA should aid further growth," says Greenwich Associates consultant Tom Jacques.

FUTURE USE OF ALGOS

Average expected percent of FX volume executed through algos in the next 2-3 years



Source: Greenwich Associates 2017 Future of FX Algos Study

Dealer Strategies Diverge

Given these new economic realities, most banks are eschewing the goal of universal coverage and market share, and focusing their global FX strategies on the specific clients, products and/or geographic regions they deem most attractive. Citi and J.P. Morgan are tied atop the market among financial clients, while also ranking No. 1 and 2, respectively, among corporates—demonstrating their rare ability to dominate across the entire industry.

Demonstrating similar reach are HSBC, which ranks third among corporates and ties for fourth among financials, and Deutsche Bank, which ties for fourth in both segments. Rounding out the list of 2018 Greenwich Share Leaders are Bank of America Merrill Lynch and Barclays in Corporates and UBS, Goldman Sachs and Bank of America Merrill Lynch with Financials.

Greenwich Quality Leaders - 2018



Global Financials FX Service Quality ¹	Asia (ex-JANZ) FX Service Quality
Dealer	Dealer
J.P. Morgan	HSBC
Base: 833	Base: 730
Global Financials FX Sales Quality ¹	Canadian FX Service Quality
Dealer	Dealer
Bank of America Merrill Lynch Citi	CIBC National Bank Financial
Goldman Sachs	Base: 69
J.P. Morgan	European FX Service Quality
Base: 833	Dealer
Global Financials FX Trading Quality ¹	
Dealer	
J.P. Morgan	Dase. 746
Base: 833	Japanese FX Service Quality
Dase. 600	Dealer
Global Corporates FX Service Quality ¹	Bank of Tokyo-Mitsubishi UFJ
Dealer	Base: 271
Bank of America Merrill Lynch Citi	United States FX Service Quality
	Dealer
	Bank of America Merrill Lynch
Global Corporates FX Sales Quality ¹	Base: 383
Dealer	
Bank of America Merrill Lynch	
Base: 622	
Global Corporates FX Trading Quality ¹	
Dealer	
Citi	
Base: 622	

Note: ¹Based on top-tier accounts. Leading dealers are displayed in alphabetical order. Source: Greenwich Associates 2018 Global Foreign Exchange Services Study

Impact of MiFID II

MiFID II is causing ripples in FX. While "best execution" requirements are driving up the value buy-siders place on execution quality, data from the Greenwich Associates annual study also shows that in sales, FX clients place a significant value on the ideas and market color provided by their sell-side coverage. However, as clients move to comply with new MiFID II rules on research, some market participants—primarily in Europe—are imposing strict restrictions on sell-side firms and their own traders. In short, if you don't have a research contract in place with these firms, you are prohibited from even speaking with them. No calls, no unsolicited emails—nothing.

This development is creating complications for both sides because corporates and financials, accustomed to getting FX research and market information "for free" from their trading partners, are generally unwilling to pay for research—at least for the moment. Only about 5% of participants in our 2018 study say they would be willing to pay a discrete fee for FX research. "Since the onus is on the buy side to ensure they are not receiving any inducements to trade, some clients are taking a very conservative stance," says Greenwich Associates Managing Director Frank Feenstra. "There will be some disruption this year, but this will subside as the industry comes up with a structure and pricing level that works for both sides."

Greenwich Associates consultants Andrew Awad, James Borger, Woody Canaday, Frank Feenstra, Tom Jacques, Peter Kane, Tim Sangston, Satnam Sohal, Taeko Sumiyoshi, and Tomio Sumiyoshi specialize in foreign exchange and derivatives globally.

METHODOLOGY

Greenwich Associates conducted interviews with 2,355 users of foreign exchange globally, of which 1,455 are top-tier accounts, at large corporations and financial institutions on market trends and their relationships with their dealers. To be considered top tier, a firm must be a central bank, a government agency, a hedge fund, a fund manager, an FT100 global firm, a firm with reported trading volume of more than \$10 billion, or a firm with reported sales of more than \$5 billion. Interviews were conducted in North America, Latin America, Europe, Asia, and Japan between September and December 2017.

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