Foreign Exchange Committee Survey of North American Foreign Exchange Volume Market Share ¹ October 2016

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INSTRUMENT	First Quintile (5 Dealers)	Second Quintile (5 Dealers)	Third Quintile (5 Dealers)	Fourth Quintile (5 Dealers)	Last Quintile (5 Dealers)
Spot Transactions					
percent ranges held	>=4.78%□	4.39-1.21%□	0.91- $0.66%$	0.59-0.42%□	<=0.21%□
market share	79.69%	12.87%	4.01%	2.69%	0.74%
Outright Forwards					
percent ranges held	>=7.88%□	7.76-2.56%□	2.30-1.28%	1.11-0.43%□	<=0.22%□
market share	65.78%	21.08%	8.55%	4.01%	0.58%
Foreign Exchange Swaps					
percent ranges held	>=9.12%□	7.20-3.40%□	3.13-1.48%	1.44-0.53%□	<=0.43%□
market share	61.65%	22.15%	10.59%	4.38%	1.23%
OTC Foreign Exchange Options					
percent ranges held	>=10.67%□	8.33-1.98%□	1.82-0.52%□	0.13-0%□	<=0%□
market share	73.32%	20.00%	6.42%	0.26%	0.00%

COUNTERPARTY	First Quintile (5 Dealers)	Second Quintile (5 Dealers)	Third Quintile (5 Dealers)	Fourth Quintile (5 Dealers)	Last Quintile (5 Dealers)
Reporting Dealers					
percent ranges held	>=6.1%□	5.92-3.35%□	2.39-0.69%□	0.66-0.28%□	<=0.25%□
market share	67.67%	22.30%	6.72%	2.60%	0.71%
Other Dealers					
percent ranges held	>=5.88%□	4.01-2.39%□	$1.99 \text{-} 1.20\% \square$	0.92-0.45%□	<=0.07%□
market share	72.23%	16.05%	8.19%	3.39%	0.14%
Other Financial Customers					
percent ranges held	>=10.42%	4.77-1.87%□	1.41- $0.93%$	0.90-0.17%□	<=0.08%□
market share	75.57%	16.01%	5.59%	2.68%	0.15%
Non-Financial Customers					
percent ranges held	>=7.99%□	5.89-1.67%□	1.58-1.03%□	1.02-0.40%□	<=0.29%□
market share	72.33%	16.47%	6.39%	4.01%	0.79%

1. Total market share may not add to 100% due to rounding.

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CURRENCY PAIR	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Last Quintile
	(5 Dealers)	(5 Dealers)	(5 Dealers)	(5 Dealers)	(5 Dealers)
U.S. Dollar Versus					
Euro					
percent ranges held	>=8.88%□	4.92-2.40%□	2.37-1.19%□	1.16-0.37%□	<=0.31%□
market share	69.48%	18.71%	8.22%	2.89%	0.69%
Japanese yen					
percent ranges held	>=9.07%□	4.78-1.77%□	1.57-0.83%□	0.78-0.33%□	<=0.28%□
market share	75.15%	15.55%	5.80%	2.60%	0.90%
British pound					
percent ranges held	>=5.08%□	4.78-3.40%□	3.31-1.27%□	0.92-0.45%□	<=0.31%□
market share	64.39%	20.47%	11.50%	2.95%	0.69%
Canadian dollar	01.6570	2011770	11.0070	2.5670	0.0370
percent ranges held	>=6.43%□	5.98-3.19%□	3.04-1.72%□	1.34-0.73%□	<=0.48%□
market share	57.26%	22.85%	13.05%	5.45%	1.39%
Swiss franc	37.2070	22.0370	13.0370	3.4370	1.57/0
	>=6.71%□	4.27-2.18%□	1.89-0.91%□	0.76-0.24%□	<=0.16%□
percent ranges held market share					
Australian dollar	74.79%	14.92%	7.16%	2.76%	0.36%
	5 400/ E	4.55.0.570/ =	1.04.1.220/ 🗆	1.00.0.210/=	. 0.200/ 🗆
percent ranges held	>=5.49% [4.55-2.57%□	1.94-1.22%□	1.09-0.31%□	<=0.20%□
market share	70.41%	18.94%	7.07%	2.99%	0.59%
Argentine peso					
percent ranges held	>=4.49%	2.18-0.63%□	0.52-0%□	0-0%□	<=0%□
market share	92.06%	7.01%	0.93%	0.00%	0.00%
Brazilian real					
percent ranges held	>=4.01%□	4.01-2.40%□	2.34-1.54%□	0.98-0.07%□	<=0%□
market share	73.86%	14.20%	9.70%	2.24%	0.00%
Chilean peso					
percent ranges held	>=8.00%	6.11-2.55%□	2.34-1.18%□	0.65-0%□	<=0%□
market share	68.90%	20.68%	8.83%	1.59%	0.00%
Mexican peso					
percent ranges held	>=6.31%□	5.13-3.87%□	3.78-1.07%□	0.82-0.34%□	<=0.28%□
market share	64.98%	21.23%	10.20%	2.98%	0.60%
Chinese Yuan	04.7070	21.2370	10.2070	2.5070	0.0070
percent ranges held	>=7.79%□	6.10-1.03%□	1.02-0.19%□	0.14-0%□	<=0%
market share	80.37%	16.22%	2.88%	0.54%	0.00%
New Zealand Dollar	00.5770	10.2270	2.0070	0.5470	0.0070
	>-5 220/ □	2.79.2.220/ 🗆	1 12 0 400/ 🗆	0.34-0.24%□	<=0.20%□
percent ranges held	>=5.22% [2.78-2.23% 12.279/	1.12-0.49%□		
market share	81.85%	12.27%	4.01%	1.50%	0.38%
Russian Ruble	4.407	2 24 2 5224	0 = 0 •0/=	0.14.00/-	00/-
percent ranges held	>=4.4% [3.94-0.79%□	0.7-0.2%□	0.14-0%□	<=0%
market share	86.52%	10.80%	2.45%	0.23%	0.00%
Hong Kong Dollar					
percent ranges held	>=6.76%□	5.99-4.13%□	4.05-1.24%□	0.88-0.24%□	<=0.23%□
market share	59.40%	23.70%	13.75%	2.84%	0.31%
Singapore Dollar					
percent ranges held	>=4.38%□	3.95-3.00%□	1.55-0.60%□	0.50-0.21%□	<=0.03%□
market share	74.92%	17.32%	5.86%	1.88%	0.04%
Turkish Lira					
percent ranges held	>=3.90%□	2.71-0.91%□	0.76-0.35%□	0.29-0%□	<=0%□
market share	87.09%	9.95%	2.58%	0.38%	0.00%
Korean Won	2710270	7.7070	2.5070	0.2070	0.0070
percent ranges held	>=5.96%□	5.58-2.72%□	2.61-0.9%□	0.87-0.01%□	<=0%□
percent ranges neid	/-J.9U/0□	J.JO-4.14/0	4.01-0.7/0□	0.07-0.01/0	\ −0/0□

market share	71.63%	18.90%	7.69%	1.78%	0.00%
Swedish Krona					
percent ranges held	>=9.79%	4.15-2.10%□	1.77-0.69%□	0.56-0.35%□	<=0.15%□
market share	76.69%	15.76%	5.04%	2.23%	0.28%
South African Rand					
percent ranges held	>=3.56%□	2.75-1.57%□	1.30-0.38%□	0.23-0.09%□	<=0.01%□
market share	83.20%	11.54%	4.47%	0.78%	0.01%
Indian Rupee					
percent ranges held	>=6.51%	5.38-2.44%□	1.49-0.99%□	0.89-0.15%□	<=0%□
market share	71.12%	20.03%	6.35%	2.50%	0.00%
Norwegian Krone					
percent ranges held	>=8.53%	4.73-1.50%□	1.31-0.68%□	0.38-0.28%□	<=0.21%□
market share	79.85%	13.24%	4.93%	1.62%	0.35%
Other	77.0070	10.2.70	, 6,70	110270	0.0070
percent ranges held	>=7.76%□	4.09-2.0%□	1.61-0.7%□	0.69-0.27%□	<=0.22%□
market share	78.76%	12.76%	5.69%	2.33%	0.45%
Euro Versus	70.7070	12.7070	3.07/0	2.3370	0.4370
Japanese yen					
percent ranges held	>=9.93%□	3.90-1.13%□	0.95-0.33%□	0.27-0.15%□	<=0.11%□
market share	82.78%	12.16%	3.66%	1.07%	0.32%
British pound	82.7870	12.1070	3.00%	1.0770	0.3270
percent ranges held	>=7.87%□	6.65-2.05%□	1.58-0.69%□	0.63-0.22%□	<=0.15%□
market share	74.27%	18.39%	5.04%	1.90%	0.40%
Swiss franc	74.27%	16.39%	3.04%	1.90%	0.40%
	>=5.86%□	3.12-1.46%□	1.39-0.83%□	0.61-0.07%□	<=0.05%□
percent ranges held market share					
	81.15%	11.78%	5.47%	1.51%	0.09%
Swedish Krona	> 5.250/ 🗆	2.07.1.0107	1.60.0.710/ 🗆	0.55.0.060/□	< 0.040/
percent ranges held	>=5.35%	3.86-1.81%	1.60-0.71%□	0.55-0.06%	<=0.04%
market share	78.91%	14.00%	5.48%	1.54%	0.06%
Australian dollar	4.040/ 🗆	4.71.0.150/ 🗆	2.05.0.250/ 🗆	0.22.0.060/ =	. 0.060/ 🗆
percent ranges held	>=4.84%	4.71-2.15%	2.05-0.35%□	0.32-0.06%□	<=0.06%□
market share	79.69%	13.93%	5.23%	1.01%	0.14%
Norwegian Krone	4.500/ 🗆	2.04.0.070/ =	0.70.0.260/ =	0.27.0.020/ =	. 0.010/ =
percent ranges held	>=4.59%	3.84-0.97%□	0.79-0.36%□	0.27-0.02%	<=0.01%
market share	85.65%	10.59%	3.03%	0.72%	0.02%
Canadian dollar	· · ·	- 0 - 0 - 0 - 0 -		1 12 0 1 50/-	0.000/-
percent ranges held	>=6.75%□	5.96-2.85%□	2.16-1.72%□	1.43-0.15%□	<=0.08%□
market share	65.83%	21.61%	9.42%	3.07%	0.08%
Other			0.00.00.00	0.25.0.004-	0.000/-
percent ranges held	>=3.72%□	3.21-1.06%□	0.93-0.37%□	0.37-0.03%□	<=0.02%□
market share	86.17%	9.23%	3.61%	0.96%	0.03%
Japanese Yen Versus					
Australian dollar					
percent ranges held	>=4.61%□	2.73-1.66%□	0.59-0.23%□	0.09-0.09%□	<=0.04%□
market share	86.37%	11.14%	2.00%	0.44%	0.05%
Canadian dollar					
percent ranges held	>=4.05%	3.33-2.22%□	1.75-1.01%□	0.91-0.16%□	<=0.05%□
market share	76.68%	14.62%	6.57%	2.02%	0.09%
Brazilian real					
percent ranges held	>=10.9%	5.08-0.15%□	0.02-0%□	0-0%□	<=0%
market share	94.01%	5.97%	0.02%	0.00%	0.00%
Other					
percent ranges held	>=3.77%□	2.36-0.55%□	0.34-0.09%□	0.09-0%□	<=0%□
market share	91.71%	6.87%	1.21%	0.22%	0.00%
All Other Currency Pairs					
percent ranges held	>=6.20%□	1.70-0.80%□	0.78-0.56%□	0.50-0.17%□	<=0.07%□