Foreign Exchange Committee Survey of North American Foreign Exchange Volume Market Share OCTOBER 2019

INSTRUMENT	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Quintile
	(4 Dealers)	(4 Dealers)	(4 Dealers)	(4 Dealers)	(5 Dealers)
Spot Transactions					
percent ranges held	>=7.74%□	2.69%-7.18%□	1.10%-1.76%□	0.65%-1.09%□	<=0.35%□
market share	72.12%	17.03%	5.83%	3.76%	1.26%
Outright Forwards					
percent ranges held	>=9.45%□	4.01%-7.30%□	2.61%-3.47%□	0.97%-2.08%□	<=0.76%□
market share	59.36%	20.74%	12.42%	5.57%	1.91%
Foreign Exchange Swaps					
percent ranges held	>=10.00%	6.42%-9.78%□	2.46%-6.10%□	0.75%-1.40%□	<=0.48%□
market share	46.74%	31.85%	15.41%	4.24%	1.77%
OTC Foreign Exchange Options					
percent ranges held	>=11.17%	2.46%-8.94%□	0.87% - 1.76% \Box	0.44%-0.70%□	<=0.14%□
market share	65.27%	26.95%	5.12%	2.33%	0.35%

COUNTERPARTY	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Quintile
	(4 Dealers)	(4 Dealers)	(4 Dealers)	(4 Dealers)	(5 Dealers)
Reporting Dealers					
percent ranges held	>=12.74%□	3.66%-8.33%□	1.35%-3.29%□	0.54%-0.77%□	<=0.44%□
market share	66.64%	20.68%	8.68%	2.79%	1.21%
Other Dealers					
percent ranges held	>=8.92%□	2.62%-7.93%□	1.79%-2.48%□	1.04%-1.45%□	<=1.02%□
market share	66.65%	18.52%	8.41%	4.83%	1.60%
Other Financial Customers					
percent ranges held	>=7.98%□	3.23%-6.53%□	2.68%-3.22%□	0.71%-1.60%□	<=0.68%□
market share	63.93%	18.54%	11.41%	4.74%	1.37%
Non-Financial Customers					
percent ranges held	>=12.28%	3.57%-5.73%□	1.13%-2.36%□	0.68%-1.06%□	<=0.60%□
market share	68.44%	19.10%	7.30%	3.30%	1.86%

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

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First Quintile	Second Quintile	Third Quintile (4 Dealers)	Fourth Quintile (4 Dealers)	Last Quintile (5 Dealers)
(+ Dealers)	(+ Dealers)	(4 Dealers)	(+ Dealers)	(5 Dealers)
>=7.45%	3.86%-6.34%	1.93%-3.85%	1.23%-1.90%	<=0.91%
				2.68%
0001570	2012070	121,727		
>=7.31%	3.47%-5.16%	1.52%-3.35%	0.90%-1.27%	<=0.86%
				2.92%
		-		<u>-</u>
>=9.53%	4.04%-5.62%	1.97%-3.78%	0.85%-1.10%	<=0.75%
				1.36%
>=7.43%	4.01%-5.66%	2.31%-3.79%	1.43%-2.20%	<=1.39%
				2.26%
>=8.07%	3.88%-6.74%	1.53%-2.56%	0.73%-1.30%	<=0.55%
57.53%				1.32%
				<u> </u>
>=11.37%	2.99%-5.87%	0.88%-2.56%	0.74%-0.79%	<=0.43%
	21.84%			1.61%
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	512777	
>=9.18%	1.80%-8.66%	0.49%-1.69%	0.06%-0.27%	<=0.00%
				0.00%
7 0.20.1		V. 24 . 1	21221	
>=8.34%	3.25%-8.20%	2.40%-3.08%	1.33%-2.40%	<=0.66%
				0.78%
00.0070	10.2070	01,270	7.2270	0.,,,,,
>=8.20%	3.63%-7.01%	1.72%-3.48%	0.84%-1.14%	<=0.24%
				0.09%
00.2770	2710070	21,070	110170	0.03.70
>=10.54%	3.47%-8.21%	1.84%-3.09%	1.09%-1.65%	<=0.90%
				1.56%
0001770	2110177	1111070		1.0070
>=7.37%	1.45%-6.06%	0.34%-1.13%	0.09%-0.27%	<=0.07%
78.86%				0.14%
. 3.0070				J 1/ J
>=9.82%	2.71%-4.06%	0.76%-2.31%	0.35%-0.69%	<=0.29%
				0.67%
,	17.0070	2.12,0	2.1070	3.0770
>=7.56%	1.60%-3.99%	0.87%-1.43%	0.12%-0.46%	<=0.04%
				0.08%
,,,,,,,,	, _ , ,	1.3070	2.2 / / 3	0.0070
>=7.53%	4.32%-6.22%	2.91%-3.41%	0.47%-2.30%	<=0.43%
				1.32%
311.370	2000070		3.007.0	1.02.0
>=8.44%	3.20%-6.45%	1.20%-2.86%	0.47%-0.80%	<=0.24%
				0.95%
70.7070	10./1/0	7.0770	3.3070	0.2270
>=4 93%	2.51%-4.58%	1 18%-2 38%	0.52%-0.79%	<=0.13%
				0.50%
00.0070	11.70/0	T.2 / /U	2.01/0	0.5070
>=10.63%	5.79%-9.15%	1.74%-5.68%	0.14%-1.41%	<=0.00%
	(4 Dealers) >=7.45% 56.19% >=7.31% 62.38% >=9.53% 57.77% >=7.43% 55.40% >=8.07% 57.53% >=11.37% 66.10% >=9.18% 96.16% >=8.34% 65.06% >=8.20% 65.27% >=10.54% 58.17% >=7.37% 78.86% >=7.37% 78.86% >=7.56% 79.45% >=7.53% 61.48% >=8.44% 70.98% >=4.93% 80.66%	(4 Dealers) (4 Dealers) >=7.45% 3.86%-6.34% 56.19% 23.28% >=7.31% 3.47%-5.16% 62.38% 22.89% >=9.53% 4.04%-5.62% 57.77% 23.55% >=7.43% 4.01%-5.66% 55.40% 25.15% >=8.07% 3.88%-6.74% 57.53% 24.06% >=11.37% 2.99%-5.87% 66.10% 21.84% >=9.18% 1.80%-8.66% 96.16% 3.69% >=8.34% 3.25%-8.20% 65.06% 18.23% >=8.20% 3.63%-7.01% 65.27% 27.08% >=10.54% 3.47%-8.21% 58.17% 24.51% >=7.37% 1.45%-6.06% 74.16% 17.66% >=7.56% 1.60%-3.99% 79.45% 14.71% >=7.53% 4.32%-6.22% 61.48% 20.95% >=8.44% 3.20%-6.45% 70.98% 16.71% <t< td=""><td>(4 Dealers) (4 Dealers) (4 Dealers) >=7.45% 3.86%-6.34% 1.93%-3.85% 56.19% 23.28% 12.92% >=7.31% 3.47%-5.16% 1.52%-3.35% 62.38% 22.89% 8.42% >=9.53% 4.04%-5.62% 1.97%-3.78% 57.77% 23.55% 14.13% >=7.43% 4.01%-5.66% 2.31%-3.79% 55.40% 25.15% 12.75% >=8.07% 3.88%-6.74% 1.53%-2.56% 57.53% 24.06% 12.25% >=11.37% 2.99%-5.87% 0.88%-2.56% 57.53% 24.06% 12.25% >=11.37% 2.99%-5.87% 0.49%-1.69% 96.16% 3.69% 0.15% >=8.34% 3.25%-8.20% 2.40%-3.08% 65.06% 18.23% 8.72% >=8.20% 3.63%-7.01% 1.72%-3.48% 65.27% 27.08% 5.76% >=10.54% 3.47%-8.21% 1.84%-3.09% 58.17% 24.51% 0.76%-2.31% <</td><td> (4 Dealers) (4 Dealers) (4 Dealers) (4 Dealers) </td></t<>	(4 Dealers) (4 Dealers) (4 Dealers) >=7.45% 3.86%-6.34% 1.93%-3.85% 56.19% 23.28% 12.92% >=7.31% 3.47%-5.16% 1.52%-3.35% 62.38% 22.89% 8.42% >=9.53% 4.04%-5.62% 1.97%-3.78% 57.77% 23.55% 14.13% >=7.43% 4.01%-5.66% 2.31%-3.79% 55.40% 25.15% 12.75% >=8.07% 3.88%-6.74% 1.53%-2.56% 57.53% 24.06% 12.25% >=11.37% 2.99%-5.87% 0.88%-2.56% 57.53% 24.06% 12.25% >=11.37% 2.99%-5.87% 0.49%-1.69% 96.16% 3.69% 0.15% >=8.34% 3.25%-8.20% 2.40%-3.08% 65.06% 18.23% 8.72% >=8.20% 3.63%-7.01% 1.72%-3.48% 65.27% 27.08% 5.76% >=10.54% 3.47%-8.21% 1.84%-3.09% 58.17% 24.51% 0.76%-2.31% <	(4 Dealers) (4 Dealers) (4 Dealers) (4 Dealers)

market share	63.96%	24.83%	9.27%	1.94%	0.00%
Swedish Krona					
percent ranges held	>=6.24%	3.51%-5.57%	1.10%-2.19%	0.49%-0.92%	<=0.48%
market share	73.11%	17.70%	5.67%	2.64%	0.88%
South African Rand	, , , , , , ,				
percent ranges held	>=6.52%	3.16%-4.04%	1.07%-2.60%	0.74%-1.06%	<=0.48%
market share	71.82%	17.70%	6.38%	3.31%	0.79%
Indian Rupee	71.0270	17.7070	0.5070	3.3170	0.7770
percent ranges held	>=8.01%	4.20%-6.55%	1.88%-2.91%	0.77%-1.73%	<=0.15%
market share	65.55%	18.17%	12.16%	3.46%	0.66%
Norwegian Krone	03.3370	10.17/0	12.1070	3.4070	0.0070
percent ranges held	>=6.70%	3.49%-4.77%	0.88%-1.90%	0.62%-0.83%	<=0.50%
market share	77.67%	16.10%	3.80%	1.89%	0.56%
Other	7.2 20/	2 0 40 / 2 410 /	1.000/ 2.550/	0.000/ 1.010/	0.500/
percent ranges held	>=7.39%	3.04%-3.41%	1.28%-2.77%	0.88%-1.21%	<=0.59%
market share	80.83%	8.82%	6.57%	2.44%	1.34%
Euro Versus					
Japanese yen					
percent ranges held	>=6.41%	2.91%-5.65%	1.20%-2.29%	0.83%-0.99%	<=0.82%
market share	69.13%	19.70%	7.64%	2.37%	1.16%
British pound			1		
percent ranges held	>=13.23%	3.03%-5.17%	0.80%-2.98%	0.61%-0.67%	<=0.56%
market share	69.19%	18.59%	9.07%	2.06%	1.09%
Swiss franc					
percent ranges held	>=7.65%	3.38%-6.81%	1.28%-2.32%	0.61%-1.00%	<=0.47%
market share	58.75%	24.21%	11.84%	3.87%	1.34%
Swedish Krona					
percent ranges held	>=9.63%	1.53%-7.22%	0.81%-1.47%	0.25%-0.60%	<=0.18%
market share	76.19%	17.20%	4.38%	1.93%	0.30%
Australian dollar					
percent ranges held	>=9.28%	4.80%-8.42%	1.06%-3.55%	0.38%-0.95%	<=0.35%
market share	63.45%	24.96%	7.99%	3.02%	0.58%
Norwegian Krone	0011070	2.05070	,,,,,,,	5.0270	0.007
percent ranges held	>=8.68%	1.42%-8.29%	0.53%-1.18%	0.16%-0.50%	<=0.03%
market share	77.50%	16.97%	3.84%	1.50%	0.19%
Canadian dollar	77.5070	10.5770	3.0170	1.5070	0.1770
percent ranges held	>=9.17%	4.91%-8.06%	3.21%-4.89%	0.84%-1.45%	<=0.82%
market share	52.19%	27.25%	13.77%	5.70%	1.10%
Other	32.17/0	21.23/0	13.//0	5.7070	1.10/0
	>=2.82%	1.01%-2.72%	0.60%-0.81%	0.14%-0.53%	<=0.14%
percent ranges held market share		20.68%	6.71%	3.66%	<=0.14% 0.64%
Japanese Yen Versus	68.32%	۷۷.00%	U./170	3.0070	U.U 4 70
Australian dollar	4				
	> (250/	2.000/ 4.670/	0.420/ 1.710/	0.000/.0.240/	< 0.070/
percent ranges held	>=6.25%	2.08%-4.67%	0.43%-1.71%	0.08%-0.34%	<=0.07%
market share	82.05%	13.49%	3.22%	1.14%	0.09%
Canadian dollar	0.010/	2 000/ 4 1 70/	1 100/ 2 640/	0.200/.0.050/	0.000/
percent ranges held	>=8.81%	3.09%-4.15%	1.10%-2.64%	0.39%-0.87%	<=0.09%
market share	66.55%	18.43%	10.17%	4.11%	0.73%
Brazilian real		1.550/ 10.550/	0.000/.000/.00	0.000/.0.000/	0.0001
percent ranges held	>=11.41%	1.57%-10.85%	0.00%-0.84%	0.00%-0.00%	<=0.00%
market share	85.14%	14.27%	0.59%	0.00%	0.00%
Other					
percent ranges held	>=3.26%	1.21%-2.19%	0.53%-0.73%	0.02%-0.20%	<=0.01%
market share	73.18%	19.66%	6.21%	0.89%	0.06%
All Other Currency Pairs					
percent ranges held	>=5.68%	1.30%-2.20%	0.81%-0.91%	0.40%-0.78%	<=0.38%