

**FOREIGN EXCHANGE COMMITTEE**  
**SEMI-ANNUAL FOREIGN EXCHANGE VOLUME SURVEY**  
**APRIL 2020**

All data reported in millions of U.S. Dollars  
Average Daily Volume

Instrument	Current Amount Reported	Dollar Change over Previous Year	Percent Change over Previous Year
<b>Spot Transactions</b>	325,008	5,858	1.8%
<b>Forward Transactions</b>	153,544	-25,894	-14.4%
<b>Foreign Exchange Swaps Transactions</b>	251,849	-7,589	-2.9%
<b>Over the Counter Options</b>	34,214	-18,651	-35.3%
<b>GRAND TOTAL</b>	<b>764,615</b>	<b>-46,276</b>	<b>-5.7%</b>

**Total Monthly Volume**

Instrument	Current Amount Reported	Dollar Change over Previous Year	Percent Change over Previous Year
<b>Spot Transactions</b>	7,150,179	128,871	1.8%
<b>Forward Transactions</b>	3,377,974	-569,654	-14.4%
<b>Foreign Exchange Swaps Transactions</b>	5,540,685	-166,949	-2.9%
<b>Over the Counter Options</b>	752,698	-410,323	-35.3%
<b>GRAND TOTAL</b>	<b>16,821,536</b>	<b>-1,018,055</b>	<b>-5.7%</b>

Notes: The tables above report notional amounts of daily average and total monthly volume adjusted for double reporting of trades between reporting dealers.

There were 22 trading days in April 2020 and 22 in April 2019.

**FOREIGN EXCHANGE COMMITTEE**  
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**APRIL 2020**

**1. TOTAL FOREIGN EXCHANGE VOLUME**

Millions of U.S. Dollars

**AVERAGE DAILY VOLUME<sup>a</sup>**

<b>Instrument</b>	<b>Current Amount Reported</b>
Spot transactions	325,008
Outright forwards	153,544
Foreign exchange swaps	251,849
Over-the-counter foreign exchange options	34,214
<b>Total</b>	<b>764,615</b>

**TOTAL MONTHLY VOLUME<sup>a</sup>**

<b>Instrument</b>	<b>Current Amount Reported</b>
Spot transactions	7,150,179
Outright forwards	3,377,974
Foreign exchange swaps	5,540,685
Over-the-counter foreign exchange options	752,698
<b>Total</b>	<b>16,821,536</b>

<sup>a</sup>The data are adjusted for double reporting of trades between reporting dealers.

**2a. SPOT TRANSACTIONS, Average Daily Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty				Total	Of Which Are Retail Driven	Of Which Are Prime Brokered
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers			
<b>U.S. DOLLAR versus</b>							
Euro	15,679	25,658	27,799	4,050	73,187	8,313	55,364
Japanese Yen	10,664	14,941	19,932	1,987	47,524	5,815	41,470
British Pound	5,588	8,301	13,232	2,081	29,203	2,989	21,687
Canadian Dollar	6,955	11,357	10,540	1,450	30,302	2,596	21,246
Swiss Franc	2,209	3,214	4,704	506	10,633	835	8,050
Australian Dollar	4,868	6,773	9,087	840	21,568	1,402	19,410
Argentine Peso	0	5	0	0	5	0	0
Brazilian Real	216	845	790	160	2,011	1	453
Chilean Peso	14	255	78	32	379	0	174
Mexican Peso	2,074	3,641	4,133	475	10,323	681	7,427
Chinese Yuan	1,031	479	2,157	113	3,780	0	3,275
New Zealand Dollar	1,295	1,522	4,009	191	7,017	310	6,803
Russian Ruble	613	1,126	1,181	118	3,038	242	2,855
Hong Kong Dollar	715	997	1,274	305	3,290	488	1,532
Singapore Dollar	1,348	1,111	1,344	198	4,001	354	3,890
Turkish Lira	470	1,006	759	436	2,671	258	2,227
Korean Won	24	50	67	18	160	1	34
Swedish Krona	633	709	1,688	220	3,249	205	2,825
South African Rand	1,019	1,110	1,593	129	3,852	279	3,914
Indian Rupee	26	91	90	47	254	8	7
Norwegian Krone	521	535	1,609	109	2,775	73	2,702
Other	2,743	6,468	7,998	1,455	18,664	1,231	16,968
<b>EURO versus</b>							
Japanese Yen	2,048	2,029	2,993	257	7,327	938	7,061
British Pound	1,170	1,334	2,279	221	5,003	390	3,375
Canadian Dollar	253	397	507	87	1,244	181	648
Swiss Franc	1,433	1,736	1,712	656	5,538	386	4,739
Australian Dollar	320	507	540	56	1,423	113	1,039
Swedish Krona	932	834	1,043	116	2,925	240	2,912
Norwegian Krone	852	820	1,146	82	2,900	214	2,856
Other	589	574	1,173	744	3,080	4	1,598
<b>JAPANESE YEN versus</b>							
Canadian Dollar	130	296	245	58	728	83	401
Australian Dollar	817	658	1,358	79	2,912	466	3,141
Brazilian Real	2	4	7	0	12	0	6
Other	995	729	2,685	362	4,772	830	4,343
<b>ALL OTHER CURRENCY PAIRS</b>	1,774	1,956	3,468	2,062	9,260	695	5,825
<b>Total<sup>a</sup></b>	<b>70,020</b>	<b>102,067</b>	<b>133,219</b>	<b>19,702</b>	<b>325,008</b>	<b>30,617</b>	<b>260,256</b>

Notes: The table reports notional amounts of average daily volume adjusted for double reporting of trades between reporting dealers. The amounts are averaged over 22 trading days in April.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**2b. OUTRIGHT FORWARDS, Average Daily Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty				Total	Of Which Are Retail Driven	Of Which Are Prime Brokered	Of Which Are Non-Deliverable Forwards
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers				
<b>U.S. DOLLAR versus</b>								
Euro	1,787	1,048	22,783	4,116	29,733	3,159	6,775	382
Japanese Yen	1,092	729	11,236	2,109	15,166	1,482	6,084	121
British Pound	766	330	13,393	2,317	16,806	1,798	3,800	58
Canadian Dollar	743	1,202	6,516	1,556	10,018	735	2,133	69
Swiss Franc	320	352	3,368	334	4,374	224	1,313	17
Australian Dollar	601	198	5,412	465	6,676	633	3,743	41
Argentine Peso	9	13	7	3	32	0	0	40
Brazilian Real	1,385	1,879	3,652	508	7,424	20	713	8471
Chilean Peso	306	900	830	182	2,219	0	179	2381
Mexican Peso	226	427	3,286	448	4,387	142	2,215	53
Chinese Yuan	366	133	1,945	261	2,705	1	1,795	774
New Zealand Dollar	160	83	1,601	104	1,947	159	1,315	3
Russian Ruble	109	101	888	189	1,288	27	720	483
Hong Kong Dollar	91	97	604	191	983	25	391	31
Singapore Dollar	153	68	967	148	1,336	208	650	5
Turkish Lira	69	53	301	68	491	29	379	1
Korean Won	795	365	2,996	305	4,460	0	833	5039
Swedish Krona	114	54	1,387	165	1,720	183	1,060	3
South African Rand	114	73	983	126	1,295	79	686	21
Indian Rupee	576	353	1,265	393	2,587	1	518	3057
Norwegian Krone	89	56	1,158	134	1,437	146	877	5
Other	2,848	4,881	10,644	3,682	22,055	4,228	10,143	16605
<b>EURO versus</b>								
Japanese Yen	116	79	985	178	1,357	37	252	0
British Pound	128	74	3,465	244	3,911	107	784	0
Canadian Dollar	14	64	437	83	598	139	69	0
Swiss Franc	47	27	928	85	1,087	19	196	0
Australian Dollar	7	10	272	26	315	13	20	0
Swedish Krona	20	40	166	19	245	3	109	0
Norwegian Krone	20	38	350	14	422	4	354	0
Other	76	103	795	253	1,227	0	341	171
<b>JAPANESE YEN versus</b>								
Canadian Dollar	14	13	169	18	214	24	51	0
Australian Dollar	21	14	217	6	257	120	47	0
Brazilian Real	5	37	125	0	167	0	3	169
Other	36	42	791	232	1,102	3	149	10
<b>ALL OTHER CURRENCY PAIRS</b>								
	179	178	2,454	693	3,503	204	496	577
<b>Total<sup>a</sup></b>	<b>13,406</b>	<b>14,109</b>	<b>106,374</b>	<b>19,656</b>	<b>153,544</b>	<b>13,952</b>	<b>49,191</b>	<b>38,585</b>

Notes: The table reports notional amounts of average daily volume adjusted for double reporting of trades between reporting dealers. The amounts are averaged over 22 trading days in April 2020.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**2c.FOREIGN EXCHANGE SWAPS, Average Daily Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty				Total	Of Which Are Retail Driven	Of Which Are Prime Brokered
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers			
<b>U.S. DOLLAR versus</b>							
Euro	22,340	27,759	15,742	3,695	69,536	7,594	10,213
Japanese Yen	13,314	14,201	10,232	2,296	40,044	3,740	6,511
British Pound	13,160	15,816	6,043	2,071	37,090	6,808	4,072
Canadian Dollar	11,880	16,492	9,345	2,302	40,019	4,339	4,268
Swiss Franc	3,417	6,224	1,310	621	11,571	1,812	1,373
Australian Dollar	3,239	3,303	3,111	572	10,225	763	2,454
Argentine Peso	0	0	0	0	0	0	0
Brazilian Real	1	1	2	6	11	0	0
Chilean Peso	0	1	1	0	2	0	0
Mexican Peso	3,116	4,562	2,441	623	10,742	1,311	1,763
Chinese Yuan	459	245	724	96	1,524	0	809
New Zealand Dollar	1,089	1,202	901	136	3,326	151	1,281
Russian Ruble	127	165	487	38	816	61	516
Hong Kong Dollar	677	807	576	126	2,187	168	598
Singapore Dollar	400	428	591	122	1,540	161	541
Turkish Lira	165	144	298	29	636	72	375
Korean Won	0	0	5	0	5	0	0
Swedish Krona	990	1,088	582	172	2,832	614	562
South African Rand	326	412	419	62	1,218	158	630
Indian Rupee	2	9	19	1	30	0	0
Norwegian Krone	722	912	502	157	2,294	771	454
Other	1,794	1,578	2,333	492	6,197	792	3,156
<b>EURO versus</b>							
Japanese Yen	110	332	1,129	60	1,632	146	169
British Pound	248	671	838	386	2,142	151	356
Canadian Dollar	20	103	417	89	630	49	17
Swiss Franc	104	195	280	171	749	42	88
Australian Dollar	12	45	147	17	222	11	19
Swedish Krona	47	66	160	23	296	59	86
Norwegian Krone	59	78	244	12	392	15	124
Other	132	200	251	267	850	1	174
<b>JAPANESE YEN versus</b>							
Canadian Dollar	6	19	108	0	133	13	17
Australian Dollar	9	13	76	2	100	7	40
Brazilian Real	0	0	0	0	0	0	0
Other	52	70	300	44	466	0	162
<b>ALL OTHER CURRENCY PAIRS</b>	144	414	1,008	825	2,393	334	260
<b>Total<sup>a</sup></b>	<b>78,159</b>	<b>97,554</b>	<b>60,623</b>	<b>15,513</b>	<b>251,849</b>	<b>30,143</b>	<b>41,082</b>

Notes: The table reports notional amounts of average daily volume adjusted for double reporting of trades between reporting dealers. The amounts are averaged over 22 trading days in April 2020.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**2d. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Average Daily Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty						Of Which Are Retail Driven	Of Which Are Prime Brokered
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total			
<b>U.S. DOLLAR versus</b>								
Euro	1,594	2,302	1,087	923	5,907	851	1,210	
Japanese Yen	1,451	1,804	1,027	381	4,662	1,250	847	
British Pound	321	414	217	270	1,222	257	363	
Canadian Dollar	1,048	1,244	869	254	3,415	506	874	
Swiss Franc	116	198	194	101	610	127	118	
Australian Dollar	461	505	585	68	1,619	449	749	
Argentine Peso	0	0	0	0	0	0	0	
Brazilian Real	493	914	609	160	2,176	370	511	
Chilean Peso	18	31	22	5	76	8	19	
Mexican Peso	629	833	2,091	167	3,721	464	378	
Chinese Yuan	148	3	66	4	221	0	90	
New Zealand Dollar	24	89	67	6	185	44	94	
Russian Ruble	68	24	101	16	210	20	124	
Hong Kong Dollar	33	112	163	15	322	91	179	
Singapore Dollar	32	109	48	3	193	41	107	
Turkish Lira	38	72	77	41	228	30	134	
Korean Won	346	227	106	17	696	134	178	
Swedish Krona	12	0	4	11	27	1	2	
South African Rand	57	223	166	17	463	90	308	
Indian Rupee	120	174	75	4	372	127	166	
Norwegian Krone	7	33	39	1	80	12	53	
Other	283	878	2,169	150	3,479	556	869	
<b>EURO versus</b>								
Japanese Yen	175	256	239	89	758	165	99	
British Pound	73	99	42	64	278	55	30	
Canadian Dollar	58	46	3	3	109	17	7	
Swiss Franc	168	223	178	27	597	149	112	
Australian Dollar	17	40	41	17	115	30	38	
Swedish Krona	13	24	35	14	86	13	15	
Norwegian Krone	42	13	76	3	133	4	123	
Other	73	140	134	135	482	0	208	
<b>JAPANESE YEN versus</b>								
Canadian Dollar	15	7	8	1	31	1	32	
Australian Dollar	59	37	437	264	796	228	66	
Brazilian Real	43	31	7	0	81	8	0	
Other	48	56	12	3	119	1	43	
<b>ALL OTHER CURRENCY PAIRS</b>								
	82	274	240	150	745	208	211	
<b>Total<sup>a</sup></b>	<b>8,165</b>	<b>11,435</b>	<b>11,231</b>	<b>3,382</b>	<b>34,214</b>	<b>6,304</b>	<b>8,355</b>	

Notes: The table reports notional amounts of average daily volume adjusted for double reporting of trades between reporting dealers. The amounts are averaged over 22 trading days in April.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**APRIL 2020**

**2e. AVERAGE DAILY VOLUME, by Execution Method and Currency Pair**  
Millions of U.S. Dollars

Currency Pair	Voice		Execution Method							Total	Total Number of Trades
	Direct	Indirect	Direct		Electronic		Indirect				
			Single Bank Proprietary Trading System	Other	Reuters Matching/EBS	Other	Other Electronic Communication Network	Other	Undistributed		
<b>U.S. DOLLAR versus</b>											
Euro	44,831	42,299	17,842	53,325	19,270	32,495	4,421	5279	219,763	106,109	
Japanese Yen	35,398	24,928	10,904	33,509	7,542	15,918	2,198	3522	133,917	64,907	
British Pound	15,049	23,516	11,749	29,007	7,512	14,281	1,404	1641	104,157	45,039	
Canadian Dollar	20,250	21,748	9,317	24,855	10,560	13,985	1,031	2634	104,378	51,089	
Swiss Franc	7,088	6,674	1,869	8,121	3,018	3,768	1,990	722	33,250	18,721	
Australian Dollar	10,638	6,383	3,709	18,318	2,035	5,341	650	2185	49,258	52,559	
Argentine Peso	26	12	0	7	0	0	0	0	46	170	
Brazilian Real	5,950	2,542	2,517	1,238	122	1,001	164	184	13,717	2,651	
Chilean Peso	980	890	454	477	16	103	68	26	3,014	691	
Mexican Peso	8,698	7,217	3,227	8,906	1,014	4,168	1,267	722	35,218	20,510	
Chinese Yuan	1,934	755	886	4,561	419	804	65	811	10,237	4,656	
New Zealand Dollar	3,117	1,795	1,012	6,635	436	1,295	138	617	15,044	18,487	
Russian Ruble	2,011	282	527	2,251	207	579	106	305	6,269	5,868	
Hong Kong Dollar	2,130	853	1,193	1,443	811	1,419	245	205	8,298	5,668	
Singapore Dollar	1,670	723	842	3,763	251	1,147	146	461	9,003	8,342	
Turkish Lira	1,427	162	362	1,741	198	418	241	220	4,769	7,957	
Korean Won	2,155	1,408	829	1,025	428	244	37	363	6,488	1,155	
Swedish Krona	1,503	1,085	908	3,780	829	1,086	160	227	9,578	6,495	
South African Rand	2,558	370	737	3,048	318	875	140	299	8,343	9,594	
Indian Rupee	1,205	680	521	866	304	175	32	184	3,966	1,383	
Norwegian Krone	1,343	595	755	3,765	555	636	112	162	7,924	5,534	
Other	17,380	4,581	6,901	20,549	2,966	3,598	921	1165	58,062	37,508	
<b>EURO versus</b>											
Japanese Yen	4,145	526	1,324	4,545	407	2,062	120	394	13,524	14,072	
British Pound	2,908	661	1,849	3,200	282	3,763	163	128	12,954	10,667	
Canadian Dollar	694	140	456	793	21	733	39	50	2,927	3,323	
Swiss Franc	3,953	269	547	1,888	744	1,236	589	498	9,723	9,434	
Australian Dollar	779	58	306	563	32	582	37	72	2,429	3,725	
Swedish Krona	1,001	134	215	2,145	110	710	78	172	4,564	6,901	
Norwegian Krone	1,111	134	240	2,384	124	563	39	224	4,819	6,062	
Other	1,842	337	732	2,286	202	736	159	215	6,508	6,677	
<b>JAPANESE YEN versus</b>											
Canadian Dollar	482	33	172	333	24	157	9	61	1,270	1,975	
Australian Dollar	1,660	71	630	1,820	56	426	32	277	4,973	8,779	
Brazilian Real	165	74	21	0	0	48	1	0	310	13	
Other	1,993	96	390	4,100	36	632	102	239	7,589	12,250	
<b>ALL OTHER CURRENCY PAIRS</b>	3,460	526	1,587	8,710	340	2,786	351	322	18,081	30,005	
<b>Total<sup>a</sup></b>	<b>211,534</b>	<b>152,557</b>	<b>85,530</b>	<b>263,957</b>	<b>61,189</b>	<b>117,770</b>	<b>17,255</b>	<b>24,586</b>	<b>934,370</b>	<b>588,976</b>	

Notes: The amounts reported in the table are averaged over twenty two trading days in April and are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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APRIL 2020**

**2f. AVERAGE DAILY VOLUME, by Execution Method, Instrument, and Counterparty**  
Millions of U.S. Dollars

	Voice		Execution Method							Total	Total Number of Trades
	Direct	Indirect	Direct	Electronic			Indirect	Other	Undistributed		
			Single Bank Proprietary Trading System	Other	Reuters Matching/EBS	Other Electronic Communication Network	Other				
<b>INSTRUMENT</b>											
Spot transactions	114,791	11,262	29,282	156,931	18,586	41,745	7,098	15,333	395,028	528,659	
Outright forwards	40,556	13,068	21,873	44,002	5,257	32,586	4,778	4,830	166,950	49,115	
Foreign exchange swaps	30,968	122,661	28,050	62,905	37,114	41,367	4,883	2,061	330,008	9,378	
OTC FX options	25,219	5,561	6,326	116	230	2,073	493	2,360	42,379	1,821	
<b>Total<sup>a</sup></b>	<b>211,534</b>	<b>152,552</b>	<b>85,531</b>	<b>263,954</b>	<b>61,187</b>	<b>117,771</b>	<b>17,252</b>	<b>24,584</b>	<b>934,365</b>	<b>588,973</b>	
<b>COUNTERPARTY</b>											
Reporting dealers	58,647	85,932	21,547	93,911	27,361	33,877	1,929	16,298	339,500	210,624	
Banks/other dealers	60,112	48,158	17,473	50,334	25,253	18,326	3,117	2,392	225,165	164,259	
Other financial customers	79,051	12,175	34,053	106,679	7,318	58,437	8,035	5,701	311,448	179,952	
Nonfinancial customers	13,725	6,288	12,459	13,030	1,254	7,132	4,172	194	58,253	34,137	
<b>Total<sup>a</sup></b>	<b>211,535</b>	<b>152,553</b>	<b>85,532</b>	<b>263,954</b>	<b>61,186</b>	<b>117,772</b>	<b>17,253</b>	<b>24,585</b>	<b>934,366</b>	<b>588,972</b>	

Notes: The amounts reported in the table are averaged over twenty two trading days in April and are not adjusted for double reporting of trades between reporting dealers.

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**APRIL 2020**

**3a. SPOT TRANSACTIONS, Total Monthly Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty						
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	Of Which Are Retail Driven	Of Which Are Prime Brokered
<b>U.S. DOLLAR versus</b>							
Euro	344,945	564,470	611,583	89,105	1,610,103	182,874	1,218,011
Japanese Yen	234,596	328,702	438,510	43,721	1,045,529	127,922	912,349
British Pound	122,944	182,618	291,112	45,785	642,459	65,745	477,121
Canadian Dollar	152,998	249,864	231,885	31,902	666,649	57,122	467,406
Swiss Franc	48,588	70,711	103,502	11,132	233,933	18,371	177,105
Australian Dollar	107,096	148,998	199,916	18,486	474,496	30,850	427,008
Argentine Peso	0	100	0	5	105	1	0
Brazilian Real	4,746	18,590	17,375	3,526	44,237	16	9,971
Chilean Peso	300	5,617	1,710	712	8,339	1	3,825
Mexican Peso	45,634	80,096	90,921	10,460	227,111	14,976	163,403
Chinese Yuan	22,691	10,539	47,455	2,486	83,171	8	72,046
New Zealand Dollar	28,498	33,490	88,187	4,196	154,371	6,814	149,657
Russian Ruble	13,483	24,767	25,979	2,597	66,826	5,326	62,819
Hong Kong Dollar	15,726	21,927	28,028	6,696	72,377	10,730	33,701
Singapore Dollar	29,655	24,440	29,556	4,366	88,017	7,780	85,580
Turkish Lira	10,347	22,135	16,696	9,585	58,763	5,668	49,004
Korean Won	530	1,109	1,477	402	3,518	18	748
Swedish Krona	13,915	15,586	37,139	4,837	71,477	4,498	62,147
South African Rand	22,417	24,427	35,048	2,850	84,742	6,128	86,100
Indian Rupee	578	2,002	1,976	1,038	5,594	165	163
Norwegian Krone	11,469	11,779	35,387	2,406	61,041	1,610	59,439
Other	60,353	142,291	175,961	32,001	410,606	27,090	373,292
<b>EURO versus</b>							
Japanese Yen	45,067	44,640	65,840	5,653	161,200	20,623	155,338
British Pound	25,736	29,355	50,137	4,852	110,080	8,571	74,252
Canadian Dollar	5,573	8,735	11,144	1,918	27,370	3,988	14,257
Swiss Franc	31,529	38,191	37,672	14,434	121,826	8,491	104,252
Australian Dollar	7,031	11,155	11,884	1,232	31,302	2,479	22,857
Swedish Krona	20,515	18,348	22,934	2,541	64,338	5,283	64,053
Norwegian Krone	18,743	18,045	25,214	1,801	63,803	4,707	62,832
Other	12,953	12,621	25,803	16,376	67,753	86	35,162
<b>JAPANESE YEN versus</b>							
Canadian Dollar	2,849	6,502	5,380	1,281	16,012	1,825	8,822
Australian Dollar	17,973	14,479	29,882	1,738	64,072	10,241	69,094
Brazilian Real	34	81	151	0	266	0	120
Other	21,891	16,047	59,077	7,965	104,980	18,265	95,550
<b>ALL OTHER CURRENCY PAIRS</b>	39,041	43,022	76,300	45,359	203,722	15,291	128,150
<b>Total<sup>a</sup></b>	<b>1,540,435</b>	<b>2,245,479</b>	<b>2,930,821</b>	<b>433,444</b>	<b>7,150,179</b>	<b>673,563</b>	<b>5,725,634</b>

Notes: The table reports notional amounts of total monthly volume adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**3b. OUTRIGHT FORWARDS, Total Monthly Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty				Total	Of Which Are Retail Driven	Of Which Are Prime Brokered	Of Which Are Non-Deliverable Forwards
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers				
<b>U.S. DOLLAR versus</b>								
Euro	39,310	23,052	501,228	90,546	654,136	69,503	149,039	8,405
Japanese Yen	24,034	16,029	247,197	46,389	333,649	32,610	133,837	2,671
British Pound	16,853	7,258	294,640	50,975	369,726	39,558	83,586	1,284
Canadian Dollar	16,342	26,438	143,368	34,239	220,387	16,160	46,932	1,506
Swiss Franc	7,032	7,738	74,092	7,357	96,219	4,937	28,891	368
Australian Dollar	13,230	4,365	119,070	10,220	146,885	13,917	82,352	896
Argentine Peso	194	277	157	74	702	0	3	887
Brazilian Real	30,479	41,337	80,344	11,174	163,334	432	15,689	186,360
Chilean Peso	6,743	19,798	18,270	4,001	48,812	0	3,946	52,378
Mexican Peso	4,965	9,400	72,295	9,846	96,506	3,133	48,722	1,159
Chinese Yuan	8,052	2,917	42,794	5,755	59,518	20	39,482	17,020
New Zealand Dollar	3,523	1,818	35,212	2,282	42,835	3,495	28,936	61
Russian Ruble	2,405	2,230	19,542	4,156	28,333	591	15,843	10,614
Hong Kong Dollar	2,008	2,132	13,281	4,208	21,629	543	8,590	691
Singapore Dollar	3,369	1,492	21,270	3,258	29,389	4,585	14,290	112
Turkish Lira	1,527	1,174	6,619	1,490	10,810	645	8,327	28
Korean Won	17,497	8,022	65,905	6,708	98,132	2	18,331	110,859
Swedish Krona	2,517	1,178	30,521	3,636	37,852	4,014	23,329	70
South African Rand	2,497	1,614	21,616	2,765	28,492	1,744	15,100	454
Indian Rupee	12,678	7,755	27,829	8,645	56,907	20	11,403	67,247
Norwegian Krone	1,955	1,229	25,468	2,949	31,601	3,218	19,305	112
Other	62,649	107,381	234,169	81,011	485,210	93,013	223,143	365,298
<b>EURO versus</b>								
Japanese Yen	2,558	1,737	21,662	3,903	29,860	809	5,535	0
British Pound	2,825	1,627	76,222	5,371	86,045	2,362	17,245	2
Canadian Dollar	321	1,397	9,615	1,823	13,156	3,050	1,521	4
Swiss Franc	1,045	594	20,407	1,873	23,919	413	4,315	0
Australian Dollar	159	215	5,981	571	6,926	296	432	0
Swedish Krona	448	872	3,657	418	5,395	66	2,392	0
Norwegian Krone	437	842	7,689	307	9,275	83	7,792	0
Other	1,666	2,260	17,492	5,570	26,988	4	7,493	3,758
<b>JAPANESE YEN versus</b>								
Canadian Dollar	313	278	3,714	398	4,703	530	1,120	0
Australian Dollar	461	297	4,771	134	5,663	2,633	1,042	0
Brazilian Real	119	811	2,745	0	3,675	0	59	3,711
Other	794	923	17,409	5,110	24,236	66	3,270	215
<b>ALL OTHER CURRENCY PAIRS</b>	<b>3,932</b>	<b>3,907</b>	<b>53,980</b>	<b>15,257</b>	<b>77,076</b>	<b>4,493</b>	<b>10,904</b>	<b>12,698</b>
<b>Total<sup>a</sup></b>	<b>294,930</b>	<b>310,394</b>	<b>2,340,231</b>	<b>432,419</b>	<b>3,377,974</b>	<b>306,945</b>	<b>1,082,196</b>	<b>848,868</b>

Notes: The table reports notional amounts of total monthly volume adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**3c. FOREIGN EXCHANGE SWAPS, Total Monthly Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty						Of Which Are Retail Driven	Of Which Are Prime Brokered
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total			
<b>U.S. DOLLAR versus</b>								
Euro	491,474	610,711	346,315	81,291	1,529,791	167,058	224,687	
Japanese Yen	292,917	312,419	225,099	50,523	880,958	82,270	143,233	
British Pound	289,523	347,958	132,957	45,558	815,996	149,788	89,571	
Canadian Dollar	261,365	362,822	205,584	50,643	880,414	95,445	93,892	
Swiss Franc	75,164	136,925	28,815	13,663	254,567	39,873	30,194	
Australian Dollar	71,252	72,666	68,435	12,587	224,940	16,794	53,979	
Argentine Peso	0	0	2	0	2	0	0	
Brazilian Real	22	18	53	141	234	0	0	
Chilean Peso	0	18	20	0	38	0	0	
Mexican Peso	68,547	100,374	53,708	13,703	236,332	28,845	38,781	
Chinese Yuan	10,104	5,385	15,929	2,119	33,537	0	17,797	
New Zealand Dollar	23,950	26,433	19,819	2,983	73,185	3,316	28,187	
Russian Ruble	2,786	3,628	10,719	827	17,960	1,332	11,340	
Hong Kong Dollar	14,890	17,758	12,680	2,778	48,106	3,697	13,150	
Singapore Dollar	8,794	9,409	13,001	2,678	33,882	3,550	11,891	
Turkish Lira	3,630	3,166	6,552	631	13,979	1,573	8,239	
Korean Won	0	0	116	0	116	0	0	
Swedish Krona	21,779	23,936	12,813	3,790	62,318	13,515	12,356	
South African Rand	7,165	9,069	9,208	1,359	26,801	3,481	13,850	
Indian Rupee	35	200	411	18	664	0	0	
Norwegian Krone	15,889	20,073	11,048	3,453	50,463	16,950	9,980	
Other	39,461	34,726	51,320	10,828	136,335	17,418	69,422	
<b>EURO versus</b>								
Japanese Yen	2,427	7,309	24,847	1,311	35,894	3,219	3,727	
British Pound	5,458	14,755	18,438	8,481	47,132	3,321	7,834	
Canadian Dollar	450	2,263	9,182	1,961	13,856	1,074	377	
Swiss Franc	2,281	4,280	6,172	3,751	16,484	933	1,926	
Australian Dollar	260	986	3,245	381	4,872	240	414	
Swedish Krona	1,027	1,437	3,530	512	6,506	1,301	1,889	
Norwegian Krone	1,286	1,714	5,359	258	8,617	338	2,731	
Other	2,910	4,395	5,515	5,874	18,694	10	3,823	
<b>JAPANESE YEN versus</b>								
Canadian Dollar	129	419	2,375	8	2,931	283	369	
Australian Dollar	209	283	1,657	51	2,200	158	888	
Brazilian Real	0	0	0	0	0	0	0	
Other	1,143	1,537	6,606	968	10,254	9	3,553	
<b>ALL OTHER CURRENCY PAIRS</b>	<b>3,177</b>	<b>9,117</b>	<b>22,181</b>	<b>18,160</b>	<b>52,635</b>	<b>7,345</b>	<b>5,721</b>	
<b>Total<sup>a</sup></b>	<b>1,719,496</b>	<b>2,146,189</b>	<b>1,333,711</b>	<b>341,289</b>	<b>5,540,685</b>	<b>663,136</b>	<b>903,801</b>	

Notes: The table reports notional amounts of total monthly volume adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**3d. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Total Monthly Volume**

Millions of U.S. Dollars

Currency Pair	Counterparty				Total	Of Which Are Retail Driven	Of Which Are Prime Brokered
	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers			
<b>U.S. DOLLAR versus</b>							
Euro	35,070	50,651	23,922	20,313	129,956	18,731	26,625
Japanese Yen	31,924	39,681	22,592	8,380	102,577	27,494	18,637
British Pound	7,065	9,122	4,766	5,935	26,888	5,646	7,978
Canadian Dollar	23,046	27,367	19,129	5,576	75,118	11,131	19,218
Swiss Franc	2,564	4,345	4,278	2,230	13,417	2,783	2,603
Australian Dollar	10,149	11,116	12,871	1,486	35,622	9,872	16,485
Argentine Peso	0	0	0	0	0	0	0
Brazilian Real	10,851	20,113	13,388	3,517	47,869	8,130	11,245
Chilean Peso	392	683	492	113	1,680	175	424
Mexican Peso	13,844	18,326	46,002	3,683	81,855	10,211	8,318
Chinese Yuan	3,260	69	1,453	90	4,872	0	1,977
New Zealand Dollar	530	1,949	1,465	132	4,076	978	2,073
Russian Ruble	1,507	535	2,213	353	4,608	433	2,732
Hong Kong Dollar	723	2,462	3,576	331	7,092	1,990	3,930
Singapore Dollar	715	2,397	1,060	69	4,241	906	2,359
Turkish Lira	838	1,591	1,686	905	5,020	649	2,956
Korean Won	7,616	4,984	2,338	382	15,320	2,949	3,921
Swedish Krona	265	7	85	241	598	16	35
South African Rand	1,254	4,901	3,651	375	10,181	1,977	6,782
Indian Rupee	2,628	3,816	1,655	79	8,178	2,790	3,652
Norwegian Krone	150	729	846	29	1,754	252	1,158
Other	6,220	19,309	47,721	3,291	76,541	12,232	19,112
<b>EURO versus</b>							
Japanese Yen	3,839	5,634	5,250	1,952	16,675	3,632	2,180
British Pound	1,610	2,184	915	1,398	6,107	1,214	656
Canadian Dollar	1,268	1,016	56	61	2,401	376	143
Swiss Franc	3,695	4,913	3,922	604	13,134	3,285	2,455
Australian Dollar	373	888	901	363	2,525	652	824
Swedish Krona	285	525	774	308	1,892	276	330
Norwegian Krone	924	276	1,677	55	2,932	95	2,704
Other	1,604	3,087	2,940	2,967	10,598	0	4,576
<b>JAPANESE YEN versus</b>							
Canadian Dollar	335	145	167	22	669	24	701
Australian Dollar	1,300	816	9,604	5,800	17,520	5,018	1,451
Brazilian Real	935	685	155	8	1,783	174	0
Other	1,061	1,225	254	67	2,607	18	938
<b>ALL OTHER CURRENCY PAIRS</b>	1,802	6,017	5,279	3,300	16,398	4,583	4,635
<b>Total<sup>a</sup></b>	<b>179,636</b>	<b>251,564</b>	<b>247,083</b>	<b>74,415</b>	<b>752,698</b>	<b>138,692</b>	<b>183,813</b>

Notes: The table reports notional amounts of total monthly volume adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**3e. TOTAL MONTHLY VOLUME, by Execution Method and Currency Pair**

Millions of U.S. Dollars

Currency Pair	Voice		Execution Method								Total	Total Number of Trades
	Direct	Indirect	Direct			Electronic		Indirect		Undistributed		
			Single Bank Proprietary System	Trading	Other	Reuters Matching/EBS	Other	Other Electronic Communication Network				
<b>U.S. DOLLAR versus</b>												
Euro	986,287	930,584	392,532	1,173,159	423,936	714,899	97,259	116,128	4,834,784	2,334,394		
Japanese Yen	778,755	548,414	239,877	737,187	165,918	350,191	48,348	77,490	2,946,180	1,427,945		
British Pound	331,078	517,339	258,481	638,152	165,252	314,172	30,880	36,098	2,291,452	990,843		
Canadian Dollar	445,490	478,449	204,979	546,801	232,316	307,659	22,675	57,948	2,296,317	1,123,962		
Swiss Franc	155,931	146,829	41,116	178,654	66,389	82,900	43,780	15,883	731,482	411,857		
Australian Dollar	234,028	140,421	81,592	403,001	44,770	117,493	14,300	48,063	1,083,668	1,156,298		
Argentine Peso	565	266	8	158	0	3	0	3	1,003	3,729		
Brazilian Real	130,903	55,913	55,370	27,226	2,675	22,019	3,616	4,048	301,770	58,317		
Chilean Peso	21,563	19,586	9,989	10,493	348	2,252	1,499	573	66,303	15,205		
Mexican Peso	191,344	158,776	70,993	195,920	22,310	91,699	27,877	15,872	774,791	451,226		
Chinese Yuan	42,561	16,608	19,500	100,351	9,210	17,694	1,431	17,849	225,204	102,430		
New Zealand Dollar	68,569	39,479	22,268	145,969	9,583	28,500	3,030	13,569	330,967	406,715		
Russian Ruble	44,237	6,209	11,586	49,513	4,564	12,742	2,335	6,720	137,906	129,091		
Hong Kong Dollar	46,864	18,763	26,235	31,737	17,845	31,220	5,384	4,501	182,549	124,705		
Singapore Dollar	36,739	15,918	18,524	82,786	5,509	25,242	3,204	10,138	198,060	183,516		
Turkish Lira	31,405	3,571	7,952	38,305	4,347	9,199	5,296	4,837	104,912	175,042		
Korean Won	47,409	30,960	18,231	22,552	9,415	5,368	807	7,985	142,727	25,401		
Swedish Krona	33,069	23,867	19,978	83,152	18,234	23,903	3,512	5,005	210,720	142,894		
South African Rand	56,275	8,131	16,211	67,053	6,990	19,243	3,076	6,569	183,548	211,075		
Indian Rupee	26,501	14,951	11,467	19,058	6,685	3,848	695	4,056	87,261	30,428		
Norwegian Krone	29,544	13,091	16,612	82,839	12,213	13,996	2,462	3,564	174,321	121,748		
Other	382,368	100,790	151,826	452,084	65,265	79,162	20,255	25,622	1,277,372	825,177		
<b>EURO versus</b>												
Japanese Yen	91,194	11,566	29,129	99,994	8,967	45,359	2,651	8,657	297,517	309,596		
British Pound	63,982	14,542	40,683	70,389	6,193	82,796	3,588	2,817	284,990	234,678		
Canadian Dollar	15,280	3,071	10,032	17,446	462	16,134	861	1,107	64,393	73,090		
Swiss Franc	86,966	5,910	12,036	41,531	16,359	27,194	12,956	10,960	213,912	207,553		
Australian Dollar	17,144	1,272	6,735	12,387	699	12,801	819	1,588	53,445	81,946		
Swedish Krona	22,023	2,944	4,733	47,179	2,423	15,610	1,706	3,786	100,404	151,820		
Norwegian Krone	24,440	2,956	5,284	52,440	2,729	12,385	851	4,931	106,016	133,355		
Other	40,514	7,407	16,103	50,288	4,440	16,181	3,506	4,727	143,166	146,898		
<b>JAPANESE YEN versus</b>												
Canadian Dollar	10,607	720	3,783	7,317	528	3,448	203	1,333	27,939	43,457		
Australian Dollar	36,530	1,556	13,873	40,045	1,235	9,362	704	6,090	109,395	193,128		
Brazilian Real	3,639	1,633	459	0	0	1,063	16	0	6,810	277		
Other	43,851	2,113	8,589	90,201	800	13,910	2,252	5,249	166,965	269,500		
<b>ALL OTHER CURRENCY PAIRS</b>	76,117	11,559	34,909	191,612	7,481	61,302	7,715	7,087	397,782	660,098		
<b>Total<sup>a</sup></b>	<b>4,653,772</b>	<b>3,356,164</b>	<b>1,881,675</b>	<b>5,806,979</b>	<b>1,346,090</b>	<b>2,590,949</b>	<b>379,549</b>	<b>540,853</b>	<b>20,556,031</b>	<b>12,957,394</b>		

Notes: The table reports notional amounts of total monthly volume that are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**3f. TOTAL MONTHLY VOLUME, by Execution Method, Instrument, and Counterparty**

Millions of U.S. Dollars

Currency Pair	Voice		Execution Method				Other	Undistributed	Total	Total Number of Trades
	Direct	Indirect	Direct	Electronic	Indirect	Other				
			Single Bank Proprietary Trading System	Other	Reuters Matching/EBS	Other Electronic Communication Network				
<b>INSTRUMENT</b>										
Spot transactions	2,525,407	247,770	644,205	3,452,481	408,878	918,398	156,144	337,331	8,690,614	11,630,494
Outright forwards	892,230	287,499	481,217	968,034	115,645	716,890	105,123	106,265	3,672,903	1,080,523
Foreign exchange swaps	681,304	2,698,541	617,089	1,383,910	816,500	910,069	107,431	45,337	7,260,181	206,306
OTC FX options	554,824	122,349	139,167	2,550	5,066	45,606	10,851	51,920	932,333	40,071
<b>Total<sup>a</sup></b>	<b>4,653,765</b>	<b>3,356,159</b>	<b>1,881,678</b>	<b>5,806,975</b>	<b>1,346,089</b>	<b>2,590,963</b>	<b>379,549</b>	<b>540,853</b>	<b>20,556,031</b>	<b>12,957,394</b>
<b>COUNTERPARTY</b>										
Reporting dealers	1,290,228	1,890,497	474,026	2,066,040	601,936	745,293	42,424	358,548	7,468,992	4,633,723
Banks/other dealers	1,322,468	1,059,474	384,400	1,107,346	555,563	403,164	68,582	52,629	4,953,626	3,613,698
Other financial customers	1,739,115	267,844	749,155	2,346,941	161,005	1,285,608	176,763	125,415	6,851,846	3,958,951
Non-financial customers	301,953	138,339	274,098	286,654	27,586	156,892	91,784	4,261	1,281,567	751,022
<b>Total<sup>a</sup></b>	<b>4,653,764</b>	<b>3,356,154</b>	<b>1,881,679</b>	<b>5,806,981</b>	<b>1,346,090</b>	<b>2,590,957</b>	<b>379,553</b>	<b>540,853</b>	<b>20,556,031</b>	<b>12,957,394</b>

Notes: The table reports notional amounts of total monthly volume that are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**4a. OUTRIGHT FORWARDS, Total Monthly Volume by Maturity**

Millions of U.S. Dollars

Currency Pair	Maturity		
	Seven Days or Less	Over Seven Days and Up to One Year	Over One Year
<b>U.S. DOLLAR versus</b>			
Euro	278,369	401,497	13,580
Japanese Yen	128,201	209,331	20,150
British Pound	143,198	238,364	5,017
Canadian Dollar	103,070	126,826	6,833
Swiss Franc	42,966	59,494	791
Australian Dollar	80,009	78,324	1,781
Argentine Peso	475	416	5
Brazilian Real	64,833	126,931	2,048
Chilean Peso	11,991	42,378	1,186
Mexican Peso	39,234	59,954	2,282
Chinese Yuan	28,644	36,086	2,839
New Zealand Dollar	20,867	25,472	19
Russian Ruble	15,006	15,711	21
Hong Kong Dollar	9,436	13,460	740
Singapore Dollar	12,172	20,170	416
Turkish Lira	4,772	7,451	113
Korean Won	34,769	79,950	910
Swedish Krona	18,680	21,472	216
South African Rand	12,257	18,433	299
Indian Rupee	12,502	55,094	1,989
Norwegian Krone	17,454	15,850	252
Other	168,849	373,457	5,552
<b>EURO versus</b>			
Japanese Yen	9,253	23,117	47
British Pound	22,290	66,034	545
Canadian Dollar	4,084	9,084	308
Swiss Franc	9,609	15,200	154
Australian Dollar	2,132	4,734	218
Swedish Krona	2,332	3,480	31
Norwegian Krone	4,290	5,356	66
Other	10,924	16,628	1,102
<b>JAPANESE YEN versus</b>			
Canadian Dollar	2,017	2,972	27
Australian Dollar	2,015	4,097	12
Brazilian Real	1,412	2,281	101
Other	11,010	13,845	174
<b>ALL OTHER CURRENCY PAIRS</b>	29,703	50,747	558
<b>Total<sup>a</sup></b>	<b>1,358,825</b>	<b>2,243,696</b>	<b>70,382</b>

Notes: The table reports notional amounts of total monthly volume that are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.

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**4b. FOREIGN EXCHANGE SWAPS, Total Monthly Volume by Maturity**

Millions of U.S. Dollars

Currency Pair	Maturity		
	Seven Days or Less	Over Seven Days and Up to One Year	Over One Year
<b>U.S. DOLLAR versus</b>			
Euro	1,241,756	771,611	7,898
Japanese Yen	664,328	497,915	11,631
British Pound	654,156	445,796	5,566
Canadian Dollar	754,732	376,621	10,425
Swiss Franc	235,138	93,522	1,070
Australian Dollar	172,745	121,401	2,046
Argentine Peso	0	2	0
Brazilian Real	0	256	0
Chilean Peso	0	38	0
Mexican Peso	196,770	103,814	4,294
Chinese Yuan	16,976	22,663	4,002
New Zealand Dollar	65,026	32,088	21
Russian Ruble	13,018	7,704	23
Hong Kong Dollar	32,086	29,571	1,338
Singapore Dollar	19,167	23,086	422
Turkish Lira	8,788	8,768	52
Korean Won	0	116	0
Swedish Krona	51,165	32,621	311
South African Rand	20,092	13,680	193
Indian Rupee	1	698	0
Norwegian Krone	42,784	23,098	470
Other	89,973	82,928	2,894
<b>EURO versus</b>			
Japanese Yen	7,469	30,707	144
British Pound	8,149	44,217	223
Canadian Dollar	2,057	12,194	54
Swiss Franc	3,784	14,476	505
Australian Dollar	1,282	3,816	34
Swedish Krona	2,161	5,361	11
Norwegian Krone	4,056	5,747	100
Other	6,894	14,315	395
<b>JAPANESE YEN versus</b>			
Canadian Dollar	292	2,767	0
Australian Dollar	549	1,859	0
Brazilian Real	0	0	0
Other	2,006	9,363	28
<b>ALL OTHER CURRENCY PAIRS</b>			
	17,940	37,143	729
<b>Total<sup>a</sup></b>	<b>4,335,340</b>	<b>2,869,962</b>	<b>54,879</b>

Notes: The table reports notional amounts of total monthly volume that are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.



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**4c. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Total Monthly Volume by Maturity**

Millions of U.S. Dollars

Currency Pair	Maturity		
	Seven Days or Less	Over Seven Days and Up to One Year	Over One Year
<b>U.S. DOLLAR versus</b>			
Euro	40,673	112,168	12,184
Japanese Yen	38,130	87,552	8,818
British Pound	6,745	26,506	702
Canadian Dollar	11,895	82,160	4,108
Swiss Franc	2,148	12,253	1,580
Australian Dollar	6,446	37,254	2,071
Argentine Peso	0	0	0
Brazilian Real	4,513	48,365	5,841
Chilean Peso	120	1,849	102
Mexican Peso	24,995	61,116	9,588
Chinese Yuan	277	6,870	985
New Zealand Dollar	500	4,105	0
Russian Ruble	381	5,719	15
Hong Kong Dollar	0	6,063	1,752
Singapore Dollar	586	4,365	4
Turkish Lira	1,160	3,994	704
Korean Won	2,635	18,588	1,712
Swedish Krona	158	705	0
South African Rand	637	10,640	158
Indian Rupee	1,661	8,906	239
Norwegian Krone	51	1,848	5
Other	4,065	75,443	3,253
<b>EURO versus</b>			
Japanese Yen	6,326	14,038	150
British Pound	2,399	5,107	210
Canadian Dollar	673	2,657	339
Swiss Franc	668	15,816	345
Australian Dollar	886	2,011	0
Swedish Krona	502	1,674	0
Norwegian Krone	243	3,497	116
Other	700	7,930	3,572
<b>JAPANESE YEN versus</b>			
Canadian Dollar	86	870	48
Australian Dollar	9,886	8,536	397
Brazilian Real	226	2,158	333
Other	354	2,904	410
<b>ALL OTHER CURRENCY PAIRS</b>	<b>2,342</b>	<b>13,509</b>	<b>2,349</b>
<b>Total<sup>a</sup></b>	<b>173,067</b>	<b>697,176</b>	<b>62,090</b>

Notes: The table reports notional amounts of total monthly volume that are not adjusted for double reporting of trades between reporting dealers.

<sup>a</sup>Figures may not sum to totals due to rounding.