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
Spot Transactions	441,558	53,597	13.8
Forward Transactions	121,580	36,109	42.2
Foreign Exchange Swaps Transactions	219,620	43,336	24.6
Over the Counter Options	26,291	1,205	4.8
GRAND TOTAL	809,049	134,257	19.9

Total Monthly Volume

Instrument	Current Amount Reported	Dollar change over Previous Year	Percent Change over Previous Year
Spot Transactions	9,272,669	737,591	8.6
Forward Transactions	2,553,164	672,829	35.8
Foreign Exchange Swaps Transactions	4,611,976	733,693	18.9
Over the Counter Options	552,221	399	0.1
GRAND TOTAL	16,990,030	2,144,512	14.4

1. TOTAL FOREIGN EXCHANGE VOLUME

Millions of U.S. Dollars

AVERAGE DAILY VOLUME^a

	Current
Instrument	Amount Reported
Spot transactions	441,558
Outright forwards	121,580
Foreign exchange swaps	219,620
Over-the-counter foreign exchange options	26,291
Total	809,049

TOTAL MONTHLY VOLUME^a

	Current
Instrument	Amount Reported
Spot transactions	9,272,669
Outright forwards	2,553,164
Foreign exchange swaps	4,611,976
Over-the-counter foreign exchange options	552,221
Total	16,990,030

2a. SPOT TRANSACTIONS, Average Daily Volume

Millions of U.S. Dollars

_	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	
U.S. DOLLAR versus						
Euro	30,125	82,519	61,341	6,180	180,165	
Japanese yen	7,945	19,388	14,593	1,156	43,082	
British pound	6,594	17,015	17,409	1,483	42,501	
Canadian dollar	5,972	12,979	10,399	1,435	30,785	
Swiss franc	2,851	6,089	6,606	519	16,065	
Australian dollar	6,793	15,827	15,168	909	38,697	
Argentine peso	16	22	23	10	71	
Brazilian real	546	1,267	948	278	3,039	
Chilean peso	175	201	127	35	538	
Mexican peso	2,655	4,556	3,405	246	10,862	
All other currencies	3,672	6,197	8,140	1,669	19,678	
EURO versus						
Japanese yen	2,008	4,544	4,914	241	11,707	
British pound	2,215	4,922	4,453	453	12,043	
Swiss franc	1,904	3,905	4,931	336	11,076	
ALL OTHER CURRENCY PAIRS	3,993	9,144	7,283	829	21,249	
Total ^a	77,464	188,575	159,740	15,779	441,558	

2b.OUTRIGHT FORWARDS, Average Daily Volume

Millions of U.S. Dollars

_	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	
U.S. DOLLAR versus						
Euro	1,831	2,619	16,703	6,439	27,592	
Japanese yen	595	673	5,823	1,484	8,575	
British pound	1,088	734	6,162	1,661	9,645	
Canadian dollar	773	1,101	4,756	2,233	8,863	
Swiss franc	361	343	2,719	477	3,900	
Australian dollar	720	999	5,242	1,090	8,051	
Argentine peso	58	49	65	24	196	
Brazilian real	1,606	2,966	4,375	608	9,555	
Chilean peso	524	933	492	69	2,018	
Mexican peso	555	668	1,019	178	2,420	
All other currencies	4,933	7,919	12,466	2,871	28,189	
EURO versus						
Japanese yen	159	93	577	170	999	
British pound	226	401	1,455	486	2,568	
Swiss franc	236	307	960	170	1,673	
ALL OTHER CURRENCY PAIRS	827	1,122	4,296	1,091	7,336	
Total ^a	14,492	20,927	67,110	19,051	121,580	

2c.FOREIGN EXCHANGE SWAPS, Average Daily Volume

Millions of U.S. Dollars

_	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	
U.S. DOLLAR versus						
Euro	9,888	27,336	18,941	3,923	60,088	
Japanese yen	6,788	15,195	6,208	1,079	29,270	
British pound	4,998	10,183	7,470	1,723	24,374	
Canadian dollar	4,644	19,963	5,837	2,586	33,030	
Swiss franc	3,208	5,994	3,078	706	12,986	
Australian dollar	2,873	6,880	4,119	1,010	14,882	
Argentine peso	0	0	0	0	0	
Brazilian real	12	43	32	6	93	
Chilean peso	12	8	6	1	27	
Mexican peso	3,633	8,191	3,101	453	15,378	
All other currencies	2,953	8,223	7,652	2,471	21,299	
EURO versus						
Japanese yen	25	251	347	76	699	
British pound	78	297	780	506	1,661	
Swiss franc	47	329	609	271	1,256	
ALL OTHER CURRENCY PAIRS	374	1,546	1,998	659	4,577	
Total ^a	39,533	104,439	60,178	15,470	219,620	

2d. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Average Daily Volume Millions of U.S. Dollars

	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	
U.S. DOLLAR versus						
Euro	1,623	1,764	3,392	1,115	7,894	
Japanese yen	769	530	767	261	2,327	
British pound	196	240	308	170	914	
Canadian dollar	601	455	402	204	1,662	
Swiss franc	185	83	119	39	426	
Australian dollar	755	461	768	319	2,303	
Argentine peso	0	2	2	0	4	
Brazilian real	653	374	603	139	1,769	
Chilean peso	32	16	43	18	109	
Mexican peso	246	147	209	69	671	
All other currencies	814	1,244	1,523	412	3,993	
EURO versus						
Japanese yen	112	77	167	37	393	
British pound	178	131	211	113	633	
Swiss franc	166	73	173	31	443	
ALL OTHER	768	808	939	235	2,750	
CURRENCY PAIRS						
Total ^a	7,098	6,405	9,626	3,162	26,291	

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

	Execution Method						
	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice		tal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
U.S. DOLLAR versus							
Euro	24,866	104,271	48,438	89,723	51,905	319,203	152,672
Japanese yen	9,119	27,935	10,114	27,532	24,650	99,350	51629
British pound	6,678	23,634	14,481	26,844	18,672	90,309	44025
Canadian dollar	6,046	22,015	17,734	20,428	20,106	86,329	39273
Swiss franc	4,251	11,345	4,476	10,499	9,408	39,979	22066
Australian dollar	5,873	18,254	13,841	24,931	12,171	75,070	44316
Argentine peso	38	133	29	8	138	346	59
Brazilian real	2,101	7,919	1,503	1,240	4,508	17,271	1740
Chilean peso	526	989	265	121	1,534	3,435	418
Mexican peso	3,540	9,637	8,717	6,091	8,435	36,420	9545
All other currencies	8,248	27,291	9,814	18,606	21,573	85,532	31369
EURO versus							
Japanese yen	1,540	5,794	1,667	5,828	1,270	16,099	14119
British pound	1488	4866	4365	7168	1713	19,600	10848
Swiss franc	1553	5526	1986	6260	1475	16,800	8595
ALL OTHER							
CURRENCY PAIRS	4587	13640	4859	15435	3352	41,873	39100
Total ^a	80,454	283,249	142,289	260,714	180,910	947,616	469,774

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

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

	Execution Method						
		Customer	Electronic Brokering	Electronic Trading	Voice	Total Number	
		Direct	Systems	Systems	Broker	Total	of Trades
INSTRUMENT							
Spot transactions	38,960	149,414	98,402	173,428	58,807	519,011	422,441
Outright forwards	11,788	48,921	8,133	48,694	18,530	136,066	39,309
Foreign exchange swaps	21,693	70,638	31,666	35,243	99,906	259,146	6,180
OTC FX options	8,013	14,275	4,088	3,349	3,667	33,392	1,844
Total ^a	80,454	283,248	142,289	260,714	180,910	947,615	469,774

COUNTERPARTY							
Reporting dealers	80,454	0	53,289	74,065	69,347	277,155	136,188
Banks/other dealers	0	127,492	64,182	44,035	84,638	320,347	171,150
Other financial customers	0	122,485	23,132	126,741	24,293	296,651	139,794
Nonfinancial customers	0	33,270	1,687	15,873	2,632	53,462	22,641
Total ^a	80,454	283,247	142,290	260,714	180,910	947,615	469,773

3a. SPOT TRANSACTIONS, Total Monthly Volume

Millions of U.S. Dollars

_	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	0		Total	
U.S. DOLLAR versus						
Euro	632,615	1,732,900	1,288,151	129,784	3,783,450	
Japanese yen	166,844	407,153	306,451	24,283	904,731	
British pound	138,473	357,320	365,598	31,146	892,537	
Canadian dollar	125,422	272,557	218,373	30,133	646,485	
Swiss franc	59,878	127,864	138,721	10,896	337,359	
Australian dollar	142,652	332,360	318,533	19,079	812,624	
Argentine peso	340	463	484	209	1,496	
Brazilian real	11,456	26,604	19,910	5,836	63,806	
Chilean peso	3,669	4,226	2,658	739	11,292	
Mexican peso	55,759	95,672	71,496	5,168	228,095	
All other currencies	77,109	130,141	170,939	35,057	413,246	
EURO versus						
Japanese yen	42,163	95,432	103,184	5,053	245,832	
British pound	46,520	103,360	93,513	9,514	252,907	
Swiss franc	39,983	82,001	103,556	7,046	232,586	
ALL OTHER CURRENCY PAIRS	83,852	192,018	152,935	17,418	446,223	
Total ^a	1,626,735	3,960,071	3,354,502	331,361	9,272,669	

3b. OUTRIGHT FORWARDS, Total Monthly Volume

Millions of U.S. Dollars

		Counter	rparty		
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total
U.S. DOLLAR versus					
Euro	38,460	55,009	350,768	135,215	579,452
Japanese yen	12,492	14,132	122,290	31,174	180,088
British pound	22,839	15,404	129,398	34,883	202,524
Canadian dollar	16,235	23,121	99,872	46,886	186,114
Swiss franc	7,572	7,195	57,095	10,010	81,872
Australian dollar	15,118	20,973	110,079	22,884	169,054
Argentine peso	1,225	1,033	1,364	501	4,123
Brazilian real	33,730	62,287	91,873	12,763	200,653
Chilean peso	11,007	19,593	10,331	1,441	42,372
Mexican peso	11,661	14,026	21,392	3,748	50,827
All other currencies	103,597	166,302	261,793	60,284	591,976
EURO versus					
Japanese yen	3,348	1,948	12,108	3,580	20,984
British pound	4,751	8,415	30,551	10,208	53,925
Swiss franc	4,951	6,443	20,170	3,576	35,140
ALL OTHER CURRENCY PAIRS	17,365	23,568	90,208	22,919	154,060
Total ^a	304,351	439,449	1,409,292	400,072	2,553,164

3c. FOREIGN EXCHANGE SWAPS, Total Monthly Volume

Millions of U.S. Dollars

		Counter	rparty		
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total
U.S. DOLLAR versus					
Euro	207,645	574,050	397,764	82,381	1,261,840
Japanese yen	142,546	319,086	130,365	22,665	614,662
British pound	104,965	213,853	156,870	36,180	511,868
Canadian dollar	97,520	419,220	122,576	54,296	693,612
Swiss franc	67,367	125,880	64,637	14,825	272,709
Australian dollar	60,334	144,474	86,491	21,214	312,513
Argentine peso	0	6	0	0	6
Brazilian real	255	897	665	119	1,936
Chilean peso	261	159	122	12	554
Mexican peso	76,295	172,011	65,128	9,513	322,947
All other currencies	62,011	172,676	160,700	51,898	447,285
EURO versus					
Japanese yen	525	5,261	7,297	1,593	14,676
British pound	1,645	6,227	16,380	10,622	34,874
Swiss franc	979	6,911	12,789	5,696	26,375
ALL OTHER CURRENCY PAIRS	7,849	32,468	41,953	13,849	96,119
Total ^a	830,197	2,193,179	1,263,737	324,863	4,611,976

3d. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Total Monthly Volume Millions of U.S. Dollars

_		Counter	rparty		
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total
U.S. DOLLAR versus					
Euro	34,085	37,053	71,227	23,417	165,782
Japanese yen	16,155	11,128	16,112	5,475	48,870
British pound	4,124	5,045	6,464	3,577	19,210
Canadian dollar	12,627	9,562	8,451	4,291	34,931
Swiss franc	3,877	1,751	2,508	829	8,965
Australian dollar	15,853	9,686	16,122	6,702	48,363
Argentine peso	0	45	35	0	80
Brazilian real	13,708	7,858	12,671	2,922	37,159
Chilean peso	680	339	903	371	2,293
Mexican peso	5,173	3,090	4,390	1,454	14,107
All other currencies	17,104	26,134	31,975	8,646	83,859
EURO versus					
Japanese yen	2,348	1,618	3,498	769	8,233
British pound	3,729	2,753	4,436	2,369	13,287
Swiss franc	3,496	1,540	3,633	653	9,322
ALL OTHER CURRENCY PAIRS	16,138	16,971	19,709	4,942	57,760
Total ^a	149,097	134,573	202,134	66,417	552,221

3e. TOTAL MONTHLY VOLUME, by Execution Method and Currency Pair Millions of U.S. Dollars

			Execution Method				
	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice		otal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
U.S. DOLLAR versus							
Euro	522,194	2,189,689	1,017,203	1,884,189	1,090,012	6,703,287	3,206,121
Japanese yen	191,498	586,630	212,399	578,168	517,650	2,086,345	1,084,203
British pound	140,245	496,318	304,106	563,721	392,106	1,896,496	924,524
Canadian dollar	126,969	462,310	372,420	428,989	422,222	1,812,910	824,740
Swiss franc	89,269	238,240	94,002	220,482	197,578	839,571	463,383
Australian dollar	123,337	383,339	290,656	523,556	255,581	1,576,469	930,626
Argentine peso	792	2,790	606	169	2,905	7,262	1,238
Brazilian real	44,119	166,302	31,556	26,031	94,667	362,675	36,530
Chilean peso	11,043	20,762	5,555	2,539	32,219	72,118	8,784
Mexican peso	74,345	202,381	183,053	127,915	177,138	764,832	200,448
All other currencies	173,201	573,104	206,088	390,736	453,027	1,796,156	658,749
EURO versus							
Japanese yen	32,331	121,669	35,012	122,383	26,675	338,070	296,499
British pound	31246	102185	91673	150523	35976	411,603	227,814
Swiss franc	32614	116050	41706	131464	30967	352,801	180,485
ALL OTHER							
CURRENCY PAIRS	96332	286433	102038	324130	70391	879,324	821,104
Total ^a	1,689,535	5,948,202	2,988,073	5,474,995	3,799,114	19,899,919	9,865,248

Notes: The amounts reported in the table are not adjusted for double reporting of trades between reporting dealers.

3f. TOTAL MONTHLY VOLUME, by Execution Method, Instrument, and Counterparty Millions of U.S. Dollars

	Execution Method						
	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice	То	tal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
INSTRUMENT							
Spot transactions	818,156	3,137,699	2,066,444	3,641,990	1,234,955	10,899,244	8,871,261
Outright forwards	247,553	1,027,335	170,789	1,022,573	389,123	2,857,373	825,488
Foreign exchange swaps	455,552	1,483,394	664,986	740,100	2,098,028	5,442,060	129,776
OTC FX options	168,276	299,768	85,854	70,325	77,007	701,230	38,720
Total ^a	1,689,537	5,948,196	2,988,073	5,474,988	3,799,113	19,899,907	9,865,245

COUNTERPARTY

Reporting dealers	1,689,538	0	1,119,063	1,555,372	1,456,288	5,820,261	2,859,950
Banks/other dealers	0	2,677,334	1,347,815	924,729	1,777,389	6,727,267	3,594,152
Other financial customers	0	2,572,184	485,770	2,661,552	510,156	6,229,662	2,935,684
Non-financial customers	0	698,679	35,421	333,331	55,282	1,122,713	475,459
Total ^a	1,689,538	5,948,197	2,988,069	5,474,984	3,799,115	19,899,903	9,865,245

Notes: The amounts reported in the table are not adjusted for double reporting of trades between reporting dealers.

4a. OUTRIGHT FORWARDS, Total Monthly Volume by Maturity

Millions of U.S. Dollars

	Maturity					
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year			
U.S. DOLLAR versus						
Euro	323,333	286,572	7,996			
Japanese yen	98,638	86,205	7,723			
British pound	130,064	93,330	1,957			
Canadian dollar	139,353	60,917	2,069			
Swiss franc	45,311	42,514	1,610			
Australian dollar	114,789	67,342	2,032			
Argentine peso	1,609	3,631	104			
Brazilian real	101,401	126,237	6,731			
Chilean peso	20,862	31,360	1,151			
Mexican peso	31,509	30,480	493			
All other currencies	224,352	452,116	19,097			
EURO versus						
Japanese yen	12,459	11,657	208			
British pound	31,864	25,643	1,162			
Swiss franc	19,305	19,827	951			
ALL OTHER	100,476	69,396	1,542			
CURRENCY PAIRS						
Total ^a	1,395,325	1,407,227	54,826			

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

^aFigures may not sum to totals due to rounding.

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

Millions of U.S. Dollars

	Maturity					
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year			
U.S. DOLLAR versus						
Euro	984,917	461,791	22,768			
Japanese yen	498,301	249,337	9,556			
British pound	430,583	175,540	10,693			
Canadian dollar	650,381	130,578	10,165			
Swiss franc	244,752	85,608	9,708			
Australian dollar	288,852	82,094	1,892			
Argentine peso	6	0	0			
Brazilian real	1,240	935	14			
Chilean peso	279	456	78			
Mexican peso	316,477	78,666	4,088			
All other currencies	382,617	121,823	4,843			
EURO versus						
Japanese yen	11,022	3,604	569			
British pound	27,360	8,929	222			
Swiss franc	14,118	13,096	133			
ALL OTHER	69,714	33,617	633			
CURRENCY PAIRS						
Total ^a	3,920,619	1,446,074	75,362			

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

^aFigures may not sum to totals due to rounding.

4c. OVER-THE-COUNTER FOREIGN EXCHANGE OPTIONS, Total Monthly Volume by Maturity Millions of U.S. Dollars

		Maturity		
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year	
U.S. DOLLAR versus				
Euro	98,487	76,949	24,425	
Japanese yen	26,026	25,435	13,555	
British pound	12,920	7,401	3,007	
Canadian dollar	22,965	21,045	3,539	
Swiss franc	5,946	4,348	2,545	
Australian dollar	32,419	22,554	9,236	
Argentine peso	0	10	70	
Brazilian real	14,112	29,186	7,566	
Chilean peso	1,429	1,400	145	
Mexican peso	9,177	8,467	1,631	
All other currencies	35,796	53,615	11,545	
EURO versus				
Japanese yen	5,660	3,635	1,277	
British pound	8,015	7,413	1,579	
Swiss franc	4,723	6,313	1,775	
ALL OTHER	30,045	33,438	10,406	
CURRENCY PAIRS				
Total ^a	307,720	301,209	92,301	

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

^aFigures may not sum to totals due to rounding.