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	426,987	75,299	21.4
Forward Transactions	189,656	5,934	3.2
Foreign Exchange Swaps Transactions	217,735	-18,961	-8.0
Over the Counter Options	46,827	7,792	20.0
GRAND TOTAL	881,205	70,064	8.6

Total Monthly Volume

Instrument	Current Amount Reported	Dollar change over Previous Year	Percent Change over Previous Year
Spot Transactions	9,393,745	1,656,606	21.4
Forward Transactions	4,172,417	130,539	3.2
Foreign Exchange Swaps Transactions	4,790,217	-417,058	-8.0
Over the Counter Options	1,030,129	171,447	20.0
GRAND TOTAL	19,386,508	1,541,534	8.6

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

1. TOTAL FOREIGN EXCHANGE VOLUME

Millions of U.S. Dollars

AVERAGE DAILY VOLUME^a

	Current
Instrument	Amount Reported
Spot transactions	426,987
Outright forwards	189,656
Foreign exchange swaps	217,735
Over-the-counter foreign exchange options	46,827
Total	881,205

TOTAL MONTHLY VOLUME^a

	Current
Instrument	Amount Reported
Spot transactions	9,393,745
Outright forwards	4,172,417
Foreign exchange swaps	4,790,217
Over-the-counter foreign exchange options	1,030,129
Total	19,386,508

^aThe data are adjusted for double reporting of trades between reporting dealers.

2a. SPOT TRANSACTIONS, Average Daily Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other financial Nonfinancial **Currency Pair** Dealers **Dealers** Customers Customers Total U.S. DOLLAR versus 31,411 31,810 57,196 10,277 130,694 Euro 10,700 33,049 4,949 15,337 64,035 Japanese yen British pound 10,037 7,685 21,284 4,162 43,168 Canadian dollar 7,527 6,959 15,148 3,205 32,839 Swiss franc 2,096 2,074 5,476 684 10,330 11,985 2,654 25,663 Australian dollar 6,651 4,373 0 0 0 Argentine peso 2,935 1,324 Brazilian real 802 421 388 105 111 159 417 Chilean peso 42 15,205 3,014 7,015 4,162 1,014 Mexican peso 43,507 All other currencies 9,729 6,700 21,332 5,746 **EURO** versus 2,578 1,442 5,737 10,240 483 Japanese yen British pound 2,151 1,492 3,603 1,014 8,260 4,010 Swiss franc 933 762 1,998 317 ALL OTHER 6,442 5,992 15,856 7,387 35,677 **CURRENCY PAIRS**

83,535

201,162

42,329

426,987

99,961

^aFigures may not sum to totals due to rounding.

2b.OUTRIGHT FORWARDS, Average Daily Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other financial Nonfinancial **Currency Pair** Dealers **Dealers** Customers Customers Total U.S. DOLLAR versus 2,284 2,205 26,120 11,724 42,333 Euro 13,943 3,245 19,841 1,641 1,012 Japanese yen British pound 961 776 11,819 3,025 16,581 Canadian dollar 662 772 7,397 2,371 11,202 Swiss franc 594 167 2,576 634 3,971 590 449 4,995 1,668 7,702 Australian dollar 16 27 42 102 Argentine peso 17 2,807 7,733 1,227 14,431 Brazilian real 2,664 522 1,043 2,961 1,127 Chilean peso 269 427 2,505 373 3,750 445 Mexican peso 6,030 20,758 38,796 All other currencies 5,676 6,332 **EURO** versus 75 1,735 120 1,350 190 Japanese yen British pound 326 133 4,128 438 5,025 Swiss franc 190 42 486 263 981 ALL OTHER 1,172 1,115 15,131 2,827 20,245 **CURRENCY PAIRS**

16,828

120,026

34,603

189,656

18,199

^aFigures may not sum to totals due to rounding.

2c.FOREIGN EXCHANGE SWAPS, Average Daily Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other financial Nonfinancial **Currency Pair Dealers Dealers** Customers Customers Total U.S. DOLLAR versus 13,368 17,450 18,332 4,622 53,772 Euro 9,579 14,984 33,976 6,656 2,757 Japanese yen British pound 5,118 11,583 7,695 1,604 26,000 Canadian dollar 6,651 15,229 9,249 3,631 34,760 Swiss franc 2,574 3,698 1,656 409 8,337 1,650 4,019 3,826 708 10,203 Australian dollar 0 0 0 0 0 Argentine peso Brazilian real 0 4 5 1 10 24 4 26 3 57 Chilean peso 2,860 5,120 11,661 3,315 366 Mexican peso 4,742 8,806 All other currencies 7,643 1,583 22,774 **EURO** versus 237 70 46 112 465 Japanese yen British pound 45 170 598 281 1,094 216 Swiss franc 54 82 393 745 ALL OTHER 2,080 3,981 5,098 2,722 13,881 **CURRENCY PAIRS**

78,694

74,220

18,973

217,735

45,848

^aFigures may not sum to totals due to rounding.

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

Millions of U.S. Dollars

Counterparty

	Counterparty						
Community Policy	Reporting	Other	Other financial	Nonfinancial	T-4-1		
Currency Pair	Dealers	Dealers	Customers	Customers	Total		
U.S. DOLLAR versus							
Euro	4,543	2,684	6,164	858	14,249		
Japanese yen	2,005	1,083	3,329	891	7,308		
British pound	860	767	1,428	610	3,665		
Canadian dollar	968	909	862	320	3,059		
Swiss franc	190	151	198	14	553		
Australian dollar	689	630	1,010	51	2,380		
Argentine peso	0	0	0	0	0		
Brazilian real	1,158	524	1,345	135	3,162		
Chilean peso	25	44	32	5	106		
Mexican peso	495	237	362	133	1,227		
All other currencies	1,217	1,372	3,906	586	7,081		
EURO versus							
Japanese yen	230	160	528	14	932		
British pound	165	71	297	16	549		
Swiss franc	35	8	58	5	106		
ALL OTHER	672	435	1,138	205	2,450		
CURRENCY PAIRS							
Total ^a	13,252	9,075	20,657	3,843	46,827		

^aFigures may not sum to totals due to rounding.

$\ \, \textbf{2e. AVERAGE DAILY VOLUME, by Execution Method and Currency Pair} \\$

Millions of U.S. Dollars

Execution Method

	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice	To	tal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
U.S. DOLLAR versus							
Euro	22,778	74,707	32,168	113,213	49,786	292,652	139,342
Japanese yen	10,112	39,654	12,436	66,906	21,690	150,798	74404
British pound	6,229	23,110	10,014	46,566	20,467	106,386	46636
Canadian dollar	7,760	26,853	13,188	32,291	17,572	97,664	45728
Swiss franc	1,402	6,069	4,738	11,023	5,411	28,643	15198
Australian dollar	3,577	15,067	5,360	22,969	8,556	55,529	40402
Argentine peso	18	33	0	4	70	125	36
Brazilian real	4,240	10,400	549	3,082	6,891	25,162	2988
Chilean peso	422	1,421	51	1,137	1,164	4,195	736
Mexican peso	4,567	9,266	4,880	12,012	9,062	39,787	18488
All other currencies	11,356	37,248	14,505	52,919	17,848	133,876	76389
EURO versus							
Japanese yen	1,421	3,750	1,079	8,535	1,556	16,341	15061
British pound	1578	3583	1284	9073	2098	17,616	10011
Swiss franc	375	2170	808	3221	476	7,050	4998
ALL OTHER							
CURRENCY PAIRS	4474	24965	3615	38920	10644	82,618	72004
Total ^a	80,309	278,296	104,675	421,871	173,291	1,058,442	562,421

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.

2f. AVERAGE DAILY VOLUME, by Execution Method, Instrument, and Counterparty

Millions of U.S. Dollars

Execu	tion	M	th	Λd

			Execution Method	1			
	Interdealer Direct	Customer Direct	Electronic Brokering Systems	Electronic Trading Systems	Voice Broker	Total	otal Number of Trades
INSTRUMENT			·				
Spot transactions	39,073	141,948	54,825	243,998	47,101	526,945	502,198
Outright forwards	10,675	62,542	7,279	111,479	15,874	207,849	51,872
Foreign exchange swaps	16,306	56,029	40,599	63,007	87,638	263,579	6,304
OTC FX options	14,256	17,777	1,973	3,387	22,677	60,070	2,046
Total ^a	80,310	278,296	104,676	421,871	173,290	1,058,443	562,420
COUNTERPARTY							
Reporting dealers	80,309	0	42,266	133,396	98,525	354,496	146,665
Banks/other dealers	0	62,644	29,677	60,663	35,146	188,130	92,442
Other financial customers	0	175,472	29,818	179,696	31,081	416,067	264,934
Nonfinancial customers	0	40,181	2,914	48,115	8,538	99,748	58,381
Total ^a	80,309	278,297	104,675	421,870	173,290	1,058,441	562,422

3a. SPOT TRANSACTIONS, Total Monthly Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other financial Nonfinancial **Currency Pair Dealers Dealers** Customers Customers Total U.S. DOLLAR versus 691,047 699,817 1,258,323 226,087 2,875,274 Euro 337,405 235,408 727,069 108,881 1,408,763 Japanese yen British pound 220,816 169,061 468,242 91,563 949,682 Canadian dollar 165,587 153,106 333,253 70,511 722,457 Swiss franc 46,114 45,624 120,467 15,049 227,254 96,212 58,384 564,595 Australian dollar 146,327 263,672 Argentine peso 10 145 168 17,639 29,134 9,263 Brazilian real 8,532 64,568 9,175 2,317 2,434 3,501 923 Chilean peso 22,315 334,533 91,571 66,311 154,336 Mexican peso 957,154 All other currencies 214,042 147,394 469,306 126,412 **EURO** versus 225,274 56,707 31,721 126,214 10,632 Japanese yen British pound 47,330 32,831 79,261 22,311 181,733 88,216 Swiss franc 20,523 16,765 43,960 6,968 **ALL OTHER** 141,733 131,825 348,822 162,519 784,899 **CURRENCY PAIRS**

1,837,776

4,425,569

931,232

9,393,745

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

2,199,168

^aFigures may not sum to totals due to rounding.

3b. OUTRIGHT FORWARDS, Total Monthly Volume

Millions of U.S. Dollars

Counterparty

	Counterparty					
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total	
	2 carers	2 curers	Customers	- Customers	20002	
U.S. DOLLAR versus						
Euro	50,259	48,508	574,631	257,938	931,336	
Japanese yen	36,092	22,266	306,748	71,397	436,503	
British pound	21,151	17,064	260,017	66,546	364,778	
Canadian dollar	14,574	16,984	162,736	52,158	246,452	
Swiss franc	13,063	3,665	56,673	13,938	87,339	
Australian dollar	12,989	9,887	109,897	36,705	169,478	
Argentine peso	350	590	916	364	2,220	
Brazilian real	58,619	61,759	170,127	27,000	317,505	
Chilean peso	11,484	24,794	22,942	5,909	65,129	
Mexican peso	9,403	9,787	55,118	8,197	82,505	
All other currencies	132,668	124,867	456,685	139,314	853,534	
EURO versus					_	
Japanese yen	2,633	1,650	29,690	4,170	38,143	
British pound	7,174	2,927	90,818	9,625	110,544	
Swiss franc	4,180	925	10,684	5,780	21,569	
ALL OTHER	25,779	24,525	332,884	62,194	445,382	
CURRENCY PAIRS						
Total ^a	400,418	370,198	2,640,566	761,235	4,172,417	

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

^aFigures may not sum to totals due to rounding.

3c. FOREIGN EXCHANGE SWAPS, Total Monthly Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other financial Nonfinancial **Currency Pair Dealers Dealers** Customers Customers Total U.S. DOLLAR versus 294,099 383,890 403,300 101,693 1,182,982 Euro 747,484 146,436 210,741 329,655 60,652 Japanese yen British pound 112,592 254,831 169,286 35,284 571,993 Canadian dollar 146,321 335,041 203,484 79,872 764,718 183,419 Swiss franc 56,629 81,358 36,429 9,003 36,289 15,571 224,446 Australian dollar 88,424 84,162 0 0 0 0 Argentine peso 225 Brazilian real 0 83 111 31 91 1,250 528 567 Chilean peso 64 62,923 72,925 256,544 112,637 8,059 Mexican peso 193,742 501,043 All other currencies 104,323 168,145 34,833 **EURO** versus 2,459 5,217 10,240 1,015 1,549 Japanese yen British pound 994 3,751 13,166 6,190 24,101 1,185 16,394 Swiss franc 1,804 8,651 4,754 **ALL OTHER** 45,749 87,590 112,156 59,883 305,378 **CURRENCY PAIRS**

1,731,282

1,632,851

4,790,217

417,438

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

1,008,646

^aFigures may not sum to totals due to rounding.

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

Millions of U.S. Dollars

Counterparty

-		Counter	party		
Currency Pair	Reporting Dealers	Other Dealers	Other financial Customers	Nonfinancial Customers	Total
U.S. DOLLAR versus					
Euro	99,938	59,039	135,601	18,877	313,455
Japanese yen	44,100	23,832	73,248	19,612	160,792
British pound	18,912	16,872	31,414	13,410	80,608
Canadian dollar	21,287	20,002	18,958	7,041	67,288
Swiss franc	4,182	3,319	4,363	303	12,167
Australian dollar	15,168	13,862	22,228	1,119	52,377
Argentine peso	0	0	0	0	0
Brazilian real	25,469	11,525	29,584	2,961	69,539
Chilean peso	550	964	700	109	2,323
Mexican peso	10,880	5,207	7,969	2,920	26,976
All other currencies	26,767	30,190	85,933	12,901	155,791
EURO versus					
Japanese yen	5,056	3,510	11,610	307	20,483
British pound	3,624	1,562	6,534	363	12,083
Swiss franc	769	171	1,275	103	2,318
ALL OTHER	14,791	9,580	25,041	4,517	53,929
CURRENCY PAIRS					
Total ^a	291,493	199,635	454,458	84,543	1,030,129

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

^aFigures may not sum to totals due to rounding.

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

Millions of U.S. Dollars

Execution Method

			Execution Method				
	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice	Te	otal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
U.S. DOLLAR versus							
Euro	501,125	1,643,548	707,700	2,490,680	1,095,292	6,438,345	3,065,534
Japanese yen	222,465	872,387	273,581	1,471,925	477,174	3,317,532	1,636,891
British pound	137,048	508,423	220,301	1,024,458	450,265	2,340,495	1,025,993
Canadian dollar	170,730	590,766	290,147	710,405	386,592	2,148,640	1,006,007
Swiss franc	30,849	133,509	104,227	242,509	119,036	630,130	334,350
Australian dollar	78,691	331,483	117,915	505,315	188,224	1,221,628	888,854
Argentine peso	387	726	2	94	1,537	2,746	783
Brazilian real	93,278	228,789	12,087	67,800	151,592	553,546	65,735
Chilean peso	9,287	31,266	1,127	25,019	25,602	92,301	16,193
Mexican peso	100,467	203,843	107,369	264,260	199,354	875,293	406,732
All other currencies	249,828	819,452	319,112	1,164,211	392,664	2,945,267	1,680,561
EURO versus							
Japanese yen	31,264	82,506	23,736	187,772	34,239	359,517	331,332
British pound	34705	78833	28253	199612	46153	387,556	220,240
Swiss franc	8259	47750	17775	70861	10481	155,126	109,955
ALL OTHER							
CURRENCY PAIRS	98423	549237	79531	856237	234166	1,817,594	1,584,090
Total ^a	1,766,806	6,122,518	2,302,863	9,281,158	3,812,371	23,285,716	12,373,250

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

Execu	tion	M	thad	ı
r.xecii	11011	IVIE		

	Execution Method						
	Interdealer	Customer	Electronic Brokering	Electronic Trading	Voice	To	otal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
INSTRUMENT							
Spot transactions	859,596	3,122,853	1,206,146	5,367,947	1,036,223	11,592,765	11,048,360
Outright forwards	234,849	1,375,913	160,141	2,452,546	349,224	4,572,673	1,141,187
Foreign exchange swaps	358,724	1,232,647	893,176	1,386,158	1,928,028	5,798,733	138,692
OTC FX options	313,634	391,103	43,398	74,507	498,896	1,321,538	45,011
Total ^a	1,766,803	6,122,516	2,302,861	9,281,158	3,812,371	23,285,709	12,373,250
COUNTERPARTY							
Reporting dealers	1,766,804	0	929,853	2,934,717	2,167,544	7,798,918	3,226,628
Banks/other dealers	0	1,378,171	652,904	1,334,594	773,216	4,138,885	2,033,713
Other financial customers	0	3,860,374	655,990	3,953,317	683,777	9,153,458	5,828,537
Non-financial customers	0	883,974	64,118	1,058,531	187,834	2,194,457	1,284,372
Total ^a	1,766,804	6,122,519	2,302,865	9,281,159	3,812,371	23,285,718	12,373,250

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

	wiaturity					
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year			
U.S. DOLLAR versus						
Euro	506,637	382,111	92,831			
Japanese yen	264,024	147,325	61,234			
British pound	197,328	142,239	46,352			
Canadian dollar	141,473	93,023	26,517			
Swiss franc	48,319	44,287	7,788			
Australian dollar	95,815	69,580	17,057			
Argentine peso	1,055	1,477	35			
Brazilian real	221,873	149,041	5,199			
Chilean peso	33,944	41,948	708			
Mexican peso	50,905	29,397	11,600			
All other currencies	424,194	398,293	163,700			
EURO versus						
Japanese yen	20,854	18,013	1,901			
British pound	58,709	56,364	2,632			
Swiss franc	14,945	9,355	1,445			
ALL OTHER	224,240	210,974	35,934			
CURRENCY PAIRS						
Total ^a	2,304,315	1,793,427	474,933			

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

	Maturity					
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year			
U.S. DOLLAR versus						
Euro	990,994	392,023	94,054			
Japanese yen	659,614	190,866	43,432			
British pound	446,754	200,847	36,972			
Canadian dollar	719,535	149,973	41,516			
Swiss franc	176,763	45,776	17,502			
Australian dollar	182,355	66,592	11,780			
Argentine peso	0	0	0			
Brazilian real	151	74	0			
Chilean peso	315	1,026	0			
Mexican peso	249,156	58,213	12,083			
All other currencies	413,635	129,088	62,626			
EURO versus						
Japanese yen	6,639	4,158	452			
British pound	10,161	12,911	2,019			
Swiss franc	5,926	10,290	1,357			
ALL OTHER	212,932	129,653	8,528			
CURRENCY PAIRS						
Total ^a	4,074,930	1,391,490	332,321			

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

	Maturity					
Currency Pair	Less Than One Month	One Month to One Year	More Than One Year			
U.S. DOLLAR versus						
Euro	173,386	175,788	64,213			
Japanese yen	77,821	104,001	23,064			
British pound	45,358	44,848	9,304			
Canadian dollar	36,092	40,883	11,592			
Swiss franc	5,379	8,737	2,226			
Australian dollar	26,218	36,073	5,246			
Argentine peso	0	0	0			
Brazilian real	37,144	48,111	9,749			
Chilean peso	792	2,080	1			
Mexican peso	18,493	17,914	1,441			
All other currencies	39,436	109,194	33,922			
EURO versus						
Japanese yen	11,023	14,009	501			
British pound	4,978	9,048	1,674			
Swiss franc	621	2,175	287			
ALL OTHER	26,770	34,961	6,984			
CURRENCY PAIRS			·			
Total ^a	503,511	647,822	170,204			

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.