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	211,799	43,365	25.7
Forward Transactions	73,190	24,181	49.3
Foreign Exchange Swaps Transactions	155,134	37,177	31.5
Over the Counter Options	36,731	701	1.9
GRAND TOTAL	476,854	105,423	28.4

Total Monthly Volume

Instrument	Current Amount Reported	Dollar change over Previous Year	Percent Change over Previous Year
Spot Transactions	4,235,936	867,254	25.7
Forward Transactions	1,463,816	483,629	49.3
Foreign Exchange Swaps Transactions	3,102,625	743,464	31.5
Over the Counter Options	734,636	14,029	1.9
GRAND TOTAL	9,537,013	2,108,376	28.4

2a. SPOT TRANSACTIONS, Average Daily Volume

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial** Dealers **Dealers Currency Pair** Customers Customers Total U.S. DOLLAR versus 75,259 16,080 38,422 15,692 5,065 Euro 31,506 7,414 13,566 8,237 2,289 Japanese yen 4,256 7,570 22,748 British pound 9,004 1,918 3,954 7,164 2,790 15,517 Canadian dollar 1,609 2,910 Swiss franc 6,321 3,956 818 14,005 Australian dollar 1,315 3,508 1,796 607 7,226 Argentine peso 19 44 18 22 103 Brazilian real 371 816 518 122 1,827 Chilean peso 131 221 73 42 467 2,088 4,979 619 8,801 Mexican peso 1,115 All other currencies 1,468 3,903 3,501 1,648 10,520 **EURO** versus 1,441 940 5,985 3,365 239 Japanese yen 1,010 2,046 391 British pound 320 3,767 1,219 2,663 539 224 4,645 Swiss franc ALL OTHER 1,619 3,347 1,438 3,019 9,423 **CURRENCY PAIRS** 45,295 99,369 48,574 18,561 211,799 Total^a

^aFigures may not sum to totals because of rounding.

2b. OUTRIGHT FORWARDS, Average Daily Volume

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial** Dealers **Dealers** Customers Total **Currency Pair** Customers U.S. DOLLAR versus 17,762 1,890 4,703 7,727 3,442 Euro 1,175 1,791 Japanese yen 2,654 5,506 11,126 7,788 British pound 860 1,867 3,490 1,571 5,601 Canadian dollar 417 1,147 2,237 1,800 Swiss franc 375 752 1,555 642 3,324 Australian dollar 317 953 1,356 622 3,248 Argentine peso 34 49 29 16 128 Brazilian real 449 1,104 671 250 2,474 Chilean peso 166 399 96 30 691 319 1,889 352 Mexican peso 615 3,175 All other currencies 1,141 3,180 3,803 2,166 10,290 **EURO** versus 1,227 Japanese yen 136 417 446 228 226 391 British pound 54 246 917 82 342 180 Swiss franc 262 866 238 1,405 ALL OTHER 1,421 1,509 4,573 **CURRENCY PAIRS** 7,653 19,749 30,943 14,845 73,190 Total^a

^aFigures may not sum to totals because of rounding.

2c. FOREIGN EXCHANGE SWAPS, Average Daily Volume

Millions of U.S. Dollars

Counterparty Other Reporting Other Financial **Nonfinancial Dealers Dealers** Customers Customers **Currency Pair** Total U.S. DOLLAR versus 6,977 45,920 25,070 11,147 2,726 Euro 5,280 1,097 27,605 Japanese yen 13,216 8,012 17,540 British pound 3,215 8,752 4,322 1,251 4,339 11,277 3,391 20,693 Canadian dollar 1,686 1,982 4,204 2,061 8,576 Swiss franc 329 Australian dollar 894 4,512 1,420 228 7,054 Argentine peso 6 3 Brazilian real 28 23 85 27 Chilean peso 15 4 1 26 6 10,348 Mexican peso 2,718 5,384 1,556 690 All other currencies 1,805 8,572 2,997 839 14,213 **EURO** versus 194 659 Japanese yen 61 334 70 202 219 506 British pound 12 73 15 12 137 192 Swiss franc 28 253 ALL OTHER 85 491 882 1,711 **CURRENCY PAIRS** 27,418 81,798 36,493 9,425 155,134 Total^a

^aFigures may not sum to totals because of rounding.

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

8,534

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other Financial **Nonfinancial Dealers Dealers** Customers Customers **Currency Pair** Total U.S. DOLLAR versus 2,602 9,604 2,720 3,123 1,159 Euro 1,995 2,265 7,383 Japanese yen 2,428 695 British pound 545 1,152 1,838 148 3,683 774 Canadian dollar 2,463 719 325 4,281 201 Swiss franc 238 400 67 906 Australian dollar 185 290 328 41 844 Argentine peso 5 10 3 17 35 Brazilian real 359 455 218 295 1,327 Chilean peso 4 25 20 3 52 269 98 1,594 Mexican peso 419 808 All other currencies 154 215 303 152 824 **EURO** versus 352 543 1,492 Japanese yen 564 33 168 216 197 44 British pound 625 203 191 288 41 723 Swiss franc ALL OTHER 568 1,395 1,195 200 3,358 **CURRENCY PAIRS**

13,149

11,730

3,318

36,731

^aFigures may not sum to totals because of rounding.

2e. AVERAGE DAILY VOLUME, by Execution Method and Currency Pair

Millions of U.S. Dollars

Execution Method

	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	13,440	46,721	63,311	23,041	29,580	176,093	37,313
Japanese yen	7,890	27,385	26,652	12,746	18,808	93,481	16,704
British pound	3,444	16,840	16,209	11,431	12,710	60,634	10,176
Canadian dollar	4,485	18,067	16,833	4,681	11,507	55,573	10,448
Swiss franc	2,376	7,877	10,484	6,869	4,671	32,277	8,746
Australian dollar	920	6,497	6,382	3,145	4,138	21,082	5,007
Argentine peso	36	115	36	25	118	330	79
Brazilian real	1,216	2,963	342	427	1,970	6,918	840
Chilean peso	247	582	118	183	411	1,541	251
Mexican peso	3,634	8,645	7,754	810	8,615	29,458	3,400
All other currencies	3,126	16,599	7,003	4,162	9,522	40,412	8,483
EURO versus							_
Japanese yen	1,166	3,654	4,087	1,202	1,243	11,352	3,622
British pound	578	1,734	3,022	962	759	7,055	2,281
Swiss franc	585	1,879	3,506	951	1,023	7,944	2,303
ALL OTHER	·		·				
CURRENCY PAIRS	2,531	11,105	3,258	2,583	2,095	21,572	5,627
Total ^a	45,674	170,663	168,997	73,218	107,170	565,722	115,280

Notes: The amounts reported in the table are averaged over twenty 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

	Execution Method						
	Interdealer		Electronic Brokering	Electronic Trading	Voice	Total Number	
	Direct	Direct	Systems	Systems	Broker	Total	of Trades
INSTRUMENT							
Spot transactions	20,982	63,621	107,471	40,560	24,447	257,081	89,629
Outright forwards	5,078	36,320	8,421	14,869	16,151	80,839	19,482
Foreign exchange swaps	11,545	47,137	43,523	17,238	63,100	182,543	4,259
OTC FX options	8,070	23,586	9,582	552	3,472	45,262	1,910
Total ^a	45,675	170,664	168,997	73,219	107,170	565,725	115,280
COUNTERPARTY							
Reporting dealers	45,674	0	78,099	8,583	45,418	177,774	31,894
Banks/other dealers	0	63,038	82,279	18,863	49,881	214,061	43,148
Other financial customers	0	74,004	5,499	37,594	10,642	127,739	28,934
Nonfinancial customers	0	33,622	3,121	8,179	1,227	46,149	11,305
Total ^a	45,674	170,664	168,998	73,219	107,168	565,723	115,281

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

3a. SPOT TRANSACTIONS, Total Monthly Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other Financial **Nonfinancial Dealers Dealers** Customers **Currency Pair** Customers Total U.S. DOLLAR versus 321,592 768,445 313,849 101,301 1,505,187 Euro 148,282 630,109 271,319 164,734 45,774 Japanese yen 85,113 454,951 British pound 180,073 151,396 38,369 79,079 143,279 310,335 Canadian dollar 55,806 32,171 79,122 280,104 Swiss franc 58,197 126,423 16,362 Australian dollar 26,304 70,158 35,915 12,134 144,511 Argentine peso 378 872 363 442 2,055 Brazilian real 7,411 16,315 10,370 2,431 36,527 Chilean peso 2,627 4,416 1,453 833 9,329 99,580 12,388 176,027 Mexican peso 41,764 22,295 All other currencies 29,356 78,062 70,016 32,959 210,393 **EURO** versus 67,308 18,792 119,702 Japanese yen 28,814 4,788 20,196 40,916 7,819 75,331 British pound 6,400 24,387 53,264 10,786 4,482 92,919 Swiss franc ALL OTHER 32,373 66,943 28,758 60,382 188,456 **CURRENCY PAIRS** 905,873 1,987,373 971,474 371,216 4,235,936

^aFigures may not sum to totals because of rounding.

3b. OUTRIGHT FORWARDS, Total Monthly Volume

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other Financial Nonfinancial **Dealers Dealers** Customers **Currency Pair** Customers Total U.S. DOLLAR versus 355,254 37,806 94,065 154,549 68,834 Euro 222,519 Japanese yen 23,493 53,073 110,124 35,829 155,782 37,346 British pound 17,206 69,802 31,428 Canadian dollar 8,347 22,949 44,744 112,038 35,998 Swiss franc 7,507 15,043 31,095 12,847 66,492 Australian dollar 6,348 19,054 27,113 12,449 64,964 Argentine peso 685 976 586 329 2,576 Brazilian real 8,977 22,074 13,424 5,004 49,479 Chilean peso 3,317 7,980 1,910 593 13,800 12,295 7,035 63,491 Mexican peso 6,387 37,774 All other currencies 22,829 63,591 76,054 43,323 205,797 **EURO** versus 8,923 4,559 24,530 Japanese yen 2,714 8,334 1,089 4,512 7,812 4,921 18,334 British pound 1,641 5,234 6,833 3,596 17,304 Swiss franc ALL OTHER 4,758 28,421 28,102 30,175 91,456 **CURRENCY PAIRS** 153,104 394,947 618,845 296,920 1,463,816

^aFigures may not sum to totals because of rounding.

3c. FOREIGN EXCHANGE SWAPS, Total Monthly Volume

Millions of U.S. Dollars

Counterparty Other Reporting Other Financial **Nonfinancial Dealers Dealers** Customers Customers Total **Currency Pair** U.S. DOLLAR versus 139,542 501,405 222,944 54,524 918,415 Euro 105,600 552,080 Japanese yen 264,312 160,237 21,931 350,804 British pound 64,302 175,036 86,445 25,021 Canadian dollar 86,787 225,533 67,814 33,719 413,853 171,521 Swiss franc 39,635 84,085 41,228 6,573 Australian dollar 17,877 90,232 28,405 4,559 141,073 Argentine peso 14 15 23 118 66 Brazilian real 567 467 535 133 1,702 Chilean peso 129 292 75 17 513 107,670 31,122 206,949 Mexican peso 54,355 13,802 All other currencies 36,101 171,442 59,937 16,789 284,269 **EURO** versus 1,223 3,871 1,390 13,158 Japanese yen 6,674 245 1,453 4,041 4,385 10,124 British pound 295 2,746 3,842 Swiss franc 231 570 34,204 ALL OTHER 1,691 9,823 17,639 5,051 **CURRENCY PAIRS** 548,363 1,635,918 729,857 188,487 3,102,625 Total^a

^aFigures may not sum to totals because of rounding.

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

170,699

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other Financial **Nonfinancial** Dealers **Dealers** Customers Customers Total **Currency Pair** U.S. DOLLAR versus 52,038 192,077 54,410 62,453 23,176 Euro 39,908 48,567 45,307 147,674 Japanese yen 13,892 36,766 2,959 British pound 10,905 23,031 73,661 Canadian dollar 49,254 85,615 15,483 14,372 6,506 4,769 Swiss franc 4,019 7,992 1,337 18,117 Australian dollar 3,693 5,806 6,569 816 16,884 Argentine peso 91 208 52 343 694 Brazilian real 7,184 9,100 4,366 5,895 26,545 Chilean peso 90 497 401 1,057 69 5,379 8,372 Mexican peso 16,150 1,951 31,852 All other currencies 3,083 4,294 6,057 3,035 16,469 **EURO** versus 7,050 11,289 29,869 Japanese yen 10,867 663 3,356 4,311 3,933 874 12,474 British pound 4,065 3,828 5,769 824 14,486 Swiss franc ALL OTHER 11,362 27,891 23,902 4,007 67,162 **CURRENCY PAIRS**

262,983

234,607

66,347

734,636

^aFigures may not sum to totals because of 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	To	otal Number
Currency Pair	Direct	Direct	Systems	Systems	Broker	Total	of Trades
U.S. DOLLAR versus							
Euro	268,792	934,427	1,266,211	460,814	591,607	3,521,851	746,256
Japanese yen	157,796	547,697	533,031	254,927	376,157	1,869,608	334,087
British pound	68,877	336,796	324,183	228,623	254,190	1,212,669	203,520
Canadian dollar	89,709	361,348	336,666	93,623	230,136	1,111,482	208,968
Swiss franc	47,522	157,540	209,689	137,389	93,412	645,552	174,923
Australian dollar	18,391	129,937	127,632	62,896	82,759	421,615	100,143
Argentine peso	720	2,295	715	508	2,358	6,596	1,571
Brazilian real	24,315	59,266	6,838	8,541	39,408	138,368	16,800
Chilean peso	4,946	11,648	2,365	3,663	8,222	30,844	5,024
Mexican peso	72,675	172,904	155,090	16,190	172,293	589,152	68,001
All other currencies	62,525	331,987	140,067	83,232	190,435	808,246	169,668
EURO versus							_
Japanese yen	23,315	73,074	81,743	24,038	24,852	227,022	72,430
British pound	11566	34673	60443	19248	15181	141,111	45,617
Swiss franc	11709	37589	70124	19021	20463	158,906	46,067
ALL OTHER							
CURRENCY PAIRS	50612	222096	65150	51658	41902	431,418	112,541
Total ^a	913,470	3,413,277	3,379,947	1,464,371	2,143,375	11,314,440	2,305,616

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	Mothod

			Enecation internot				
Currency Pair	Interdealer Direct	Customer Direct	Electronic Brokering Systems	Electronic Trading Systems	Voice Broker	To Total	otal Number of Trades
				•			
INSTRUMENT							
Spot transactions	419,639	1,272,413	2,149,428	811,202	488,932	5,141,614	1,792,586
Outright forwards	101,553	726,405	168,420	297,372	323,016	1,616,766	389,642
Foreign exchange swaps	230,894	942,745	870,452	344,764	1,261,995	3,650,850	85,186
OTC FX options	161,392	471,716	191,646	11,036	69,430	905,220	38,202
Total ^a	913,478	3,413,279	3,379,946	1,464,374	2,143,373	11,314,450	2,305,616
COUNTERPARTY							
Reporting dealers	913,480	0	1,561,979	171,664	908,360	3,555,483	637,885
Banks/other dealers	0	1,260,765	1,645,571	377,263	997,628	4,281,227	862,955
Other financial customers	0	1,480,076	109,981	751,874	212,849	2,554,780	578,679
Non-financial customers	0	672,439	62,415	163,574	24,536	922,964	226,096
Total ^a	913,480	3,413,280	3,379,946	1,464,375	2,143,373	11,314,454	2,305,615

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

Total^a

Maturity **Less Than One Month More Than One Year Currency Pair** One Month to One Year U.S. DOLLAR versus Euro 227,462 162,476 3,108 90,829 3,393 Japanese yen 151,777 879 British pound 89,284 82,816 Canadian dollar 1,594 68,715 50,069 Swiss franc 42,370 31,479 140 40,214 166 Australian dollar 30,928 Argentine peso 905 2,261 87 Brazilian real 41,126 16,224 1,099 Chilean peso 10,089 348 6,672 Mexican peso 20,409 47,265 2,191 All other currencies 110,331 116,025 2,258 **EURO** versus Japanese yen 17,867 8,811 553 212 British pound 12,553 6,649 105 Swiss franc 13,403 5,425 383 **ALL OTHER** 63,515 32,306 **CURRENCY PAIRS**

906,603

693,652

16,516

^aFigures may not sum to totals because of rounding.

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

Millions of U.S. Dollars

Maturity **Less Than One Month More Than One Year Currency Pair** One Month to One Year U.S. DOLLAR versus Euro 838,157 214,163 5,622 Japanese yen 538,127 113,726 5,815 1,054 British pound 346,403 67,635 Canadian dollar 430,543 68,257 1,825 Swiss franc 185,815 24,680 649 137,384 702 Australian dollar 20,856 Argentine peso 52 78 0 Brazilian real 597 1,629 40 Chilean peso 287 322 32 Mexican peso 219,920 37,700 3,672 All other currencies 274,263 45,367 725 **EURO** versus Japanese yen 10,587 3,710 82 British pound 6,550 3,727 84 30 Swiss franc 3,183 922 9,944 157 **ALL OTHER** 25,786 **CURRENCY PAIRS** 3,017,654 612,716 20,489 **Total**^a

^aFigures may not sum to totals because of 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 Six Months	More Than Six Months					
U.S. DOLLAR versus								
Euro	120,668	106,587	16,849					
Japanese yen	77,546	65,533	44,490					
British pound	23,654	57,995	2,909					
Canadian dollar	51,772	36,862	12,451					
Swiss franc	12,049	7,598	2,487					
Australian dollar	9,229	9,004	2,335					
Argentine peso	52	381	350					
Brazilian real	11,691	15,166	6,865					
Chilean peso	294	847	4					
Mexican peso	20,952	11,016	8,249					
All other currencies	5,088	10,529	3,922					
EURO versus								
Japanese yen	13,457	19,224	4,232					
British pound	7,792	6,534	1,497					
Swiss franc	6,500	10,390	1,655					
ALL OTHER	27,963	35,576	14,976					
CURRENCY PAIRS								
Total ^a	388,707	393,242	123,271					

^aFigures may not sum to totals because of rounding.