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Foreign Exchange Committee Releases FX Volume Survey Results

New York, **July 25**, **2005** – The Foreign Exchange Committee today released the results of its second Survey of North American Foreign Exchange Volume. This new survey was developed in order to provide the market with frequent information on the size and structure of foreign exchange activity in North America. For the April 2005 reporting period, key findings include:

- average daily volume in traditional foreign exchange instruments (spot transactions, outright forwards, and foreign exchange swaps) totaled \$401 billion, and
- average daily volume in over-the-counter foreign exchange options totaled \$41 billion.

"Total volume is up over twenty percent compared to the inaugural October result, which further highlights the growing importance of foreign exchange as an asset class," said Mark Snyder, Chair of the Foreign Exchange Committee. "In this growing and dynamic market, it is essential for participants to have access to timely and authoritative data to measure and manage risk."

To achieve a representative survey, the Foreign Exchange Committee invited thirty-one leading financial institutions active in the North American foreign exchange market to contribute data on the level of turnover during the month of April 2005. The Committee also collaborated with the United Kingdom's Foreign Exchange Joint Standing Committee, which conducted a similar survey for the U.K. market over the same time period. In addition, the Federal Reserve Bank of New York provided technical support for the North American survey.

For the purposes of the survey, turnover is defined as the gross value of all new deals entered into during the reporting period, and is measured in terms of the notional amount of the contracts. Survey data is broken out by four foreign exchange instruments, thirteen currency pairs, four counterparty types, and five execution method categories and is reported both in terms of daily average and total monthly volume. The reporting basis for the survey is the location of the price-setting dealer. While similar in nature, the survey is not comparable to the

Bank for International Settlements' Triennial Central Bank Survey of Foreign Exchange and Derivatives Market Activity, given differences in the reporting methodology.

The Foreign Exchange Committee includes representatives of major domestic and foreign commercial and investment banks engaged in foreign exchange transactions in the United States, as well as foreign exchange brokers. The Committee's objectives include 1) serving as a forum for the discussion of best practices and technical issues in the foreign exchange market, 2) fostering improvements in risk management in the foreign exchange market by offering recommendations and guidelines, and 3) enhancing the legal certainty of foreign exchange contracts through the development of standard documentation. The Committee was formed in 1978 under the sponsorship of the Federal Reserve Bank of New York.

The results of this survey, together with the list of reporting dealers and explanatory notes, are available online at <www.newyorkfed.org/fxc/volumesurvey>. The results of the Foreign Exchange Joint Standing Committee's survey for the U.K. market can be found on their website at <www.bankofengland.co.uk/markets/forex/fxjsc/main.htm>.

The Survey of North American Foreign Exchange Volume will be conducted semiannually in April and October.

1. TOTAL FOREIGN EXCHANGE VOLUME

Millions of U.S. Dollars

AVERAGE DAILY VOLUME^a

	Current	
Instrument	Amount Reported	October 2004
Spot transactions	194,806	168,434
Outright forwards	57,454	49,009
Foreign exchange swaps	149,100	117,958
Over-the-counter foreign exchange options	41,436	36,030
Total	442,796	371,431

TOTAL MONTHLY VOLUME^a

	Current	
Instrument	Amount Reported	October 2004
Spot transactions	4,090,921	3,368,682
Outright forwards	1,206,511	980,187
Foreign exchange swaps	3,131,079	2,359,161
Over-the-counter foreign exchange options	870,122	720,607
Total	9,298,633	7,428,637

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

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	16,270	36,948	15,351	4,073	72,642	
Japanese yen	6,300	11,799	8,935	1,544	28,578	
British pound	3,477	7,298	3,689	1,415	15,879	
Canadian dollar	2,933	4,972	2,374	1,346	11,625	
Swiss franc	2,762	4,833	2,727	1,036	11,358	
Australian dollar	1,329	3,133	1,887	593	6,942	
Argentine peso	16	37	24	5	82	
Brazilian real	347	673	436	97	1,553	
Chilean peso	79	255	133	27	494	
Mexican peso	1,799	4,389	972	514	7,674	
All other currencies	1,218	4,245	6,595	1,483	13,541	
EURO versus						
Japanese yen	1,882	4,109	1,627	251	7,869	
British pound	1,140	2,500	674	367	4,681	
Swiss franc	1,389	3,258	721	316	5,684	
ALL OTHER CURRENCY PAIRS	1,202	2,810	940	1,252	6,204	
Total ^a	42,143	91,259	47,085	14,319	194,806	

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

^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 1,149 2,281 7,085 3,154 13,669 Euro 905 2,729 1,709 10,504 Japanese yen 5,161 471 5,779 British pound 1,192 2,868 1,248 Canadian dollar 295 3,566 621 1,467 1,183 220 2,802 Swiss franc 404 1,654 524 Australian dollar 204 610 1,363 497 2,674 Argentine peso 19 31 8 14 72 Brazilian real 327 742 382 124 1,575 Chilean peso 95 314 61 42 512 235 382 320 1,561 Mexican peso 624 All other currencies 730 2,281 2,878 1,469 7,358 **EURO** versus 300 915 2,035 Japanese yen 586 234 237 564 440 1,317 British pound 76 30 244 217 Swiss franc 115 606 143 ALL OTHER 888 947 1,446 3,424 **CURRENCY PAIRS** 5,199 13,655 25,979 12,621 57,454 Total^a

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

^aFigures may not sum to totals because of rounding.

2c. FOREIGN EXCHANGE SWAPS, 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 48,495 9,138 23,317 13,578 2,462 Euro 1,230 24,082 Japanese yen 5,888 10,099 6,865 980 British pound 4,194 7,937 5,331 18,442 4,541 10,499 3,055 1,479 19,574 Canadian dollar 8,316 Swiss franc 1,692 3,740 2,643 241 Australian dollar 813 3,909 2,197 247 7,166 Argentine peso 0 0 1 Brazilian real 34 27 22 4 87 Chilean peso 2 0 10 Mexican peso 1,821 3,556 1,266 443 7,086 All other currencies 2,307 7,216 3,709 370 13,602 **EURO** versus 101 295 519 Japanese yen 88 35 118 132 172 429 British pound 7 190 Swiss franc 4 65 82 39 508 167 1,101 ALL OTHER 73 353 **CURRENCY PAIRS** 30,616 70,931 39,684 7,869 149,100 Total^a

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

^aFigures may not sum to totals because of rounding.

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

Millions of U.S. Dollars

Total^a

Counterparty Reporting Other Other Financial **Nonfinancial Dealers Dealers** Customers Total **Currency Pair** Customers U.S. DOLLAR versus 8,949 2,198 3,220 2,689 842 Euro 1,743 Japanese yen 2,805 3,530 587 8,665 British pound 1,046 1,916 808 268 4,038 Canadian dollar 779 3,657 823 1,745 310 Swiss franc 157 376 444 114 1,091 Australian dollar 350 749 701 77 1,877 Argentine peso 3 6 4 2 15 Brazilian real 228 302 376 92 998 Chilean peso 11 19 62 1 93 1,510 389 2,512 Mexican peso 446 167 All other currencies 227 445 784 238 1,694 **EURO** versus 669 1,209 1,104 125 3,107 Japanese yen 120 297 232 710 British pound 61 197 520 391 1,169 Swiss franc 61 312 ALL OTHER 1,064 1,262 223 2,861 **CURRENCY PAIRS** 8,530 16,183 13,555 3,168 41,436

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

^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	12,021	45,699	62,239	24,666	27,882	172,507	33,933
Japanese yen	7,818	30,994	22,627	12,040	13,185	86,664	14,348
British pound	3,422	16,159	16,811	7,200	9,732	53,324	8,193
Canadian dollar	3,514	14,534	14,161	4,511	10,291	47,011	8,629
Swiss franc	2,337	8,595	9,686	3,766	4,011	28,395	7,743
Australian dollar	1,414	8,015	6,098	2,641	3,184	21,352	4,747
Argentine peso	46	107	4	3	50	210	53
Brazilian real	920	2,319	187	188	1,533	5,147	698
Chilean peso	222	682	60	12	318	1,294	226
Mexican peso	3,615	7,767	4,705	843	6,200	23,130	2,385
All other currencies	3,078	20,230	6,071	3,885	7,411	40,675	7,464
EURO versus							_
Japanese yen	2,029	5,751	4,995	2,061	1,644	16,480	3,935
British pound	336	2,498	3,734	1,018	893	8,479	2,546
Swiss franc	595	2,247	4,248	1,008	1,171	9,269	2,560
ALL OTHER							
CURRENCY PAIRS	2,027	8,044	1,978	1,433	1,837	15,319	4,063
Total ^a	43,394	173,641	157,604	65,275	89,342	529,256	101,523

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

Execution	Method

	Execution Method						
	Interdealer	Customer	er Electronic Brokering	Electronic Trading	Voice	Total Number	
	Direct	Direct	Systems	Systems	Broker	Total	of Trades
INSTRUMENT							
Spot transactions	21,654	62,972	106,031	27,310	18,971	236,938	75,695
Outright forwards	3,845	30,802	5,438	13,313	9,248	62,646	17,675
Foreign exchange swaps	9,461	51,313	41,831	20,210	56,894	179,709	5,161
OTC FX options	8,435	28,551	4,306	4,439	4,228	49,959	2,994
Total ^a	43,395	173,638	157,606	65,272	89,341	529,252	101,525
COUNTERPARTY							
Reporting dealers	43,395	-	73,979	12,888	42,688	172,950	29,998
Banks/other dealers	-	61,134	78,636	18,145	34,111	192,026	37,480
Other financial customers	-	86,233	4,083	25,802	10,184	126,302	24,515
Nonfinancial customers	-	26,271	909	8,437	2,359	37,976	9,531
Total ^a	43,395	173,638	157,607	65,272	89,342	529,254	101,524

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

3a. SPOT TRANSACTIONS, Total Monthly Volume

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial Dealers Dealers Currency Pair** Customers Customers **Total** U.S. DOLLAR versus 341,678 775,906 322,376 85,536 1,525,496 Euro 132,293 247,785 600,134 187,639 32,417 Japanese yen British pound 73,023 153,249 77,479 29,723 333,474 61,591 104,419 49,854 28,256 244,120 Canadian dollar 21,757 238,513 Swiss franc 58,000 101,489 57,267 Australian dollar 27,908 65,796 39,619 12,457 145,780 Argentine peso 332 781 507 113 1,733 Brazilian real 7,278 14,135 9,147 2,034 32,594 2,794 Chilean peso 1,653 5,357 574 10,378 37,784 10,789 Mexican peso 92,159 20,418 161,150 All other currencies 25,572 89,144 138,497 31,140 284,353 **EURO** versus 39,516 165,230 Japanese yen 86,286 34,161 5,267 23,947 52,492 7,704 98,300 British pound 14,157 29,169 68,408 119,370 Swiss franc 15,151 6,642 ALL OTHER 25,249 59,016 19,737 26,294 130,296 **CURRENCY PAIRS** 884,993 1,916,422 988,803 300,703 4,090,921 Total^a

^aFigures may not sum to totals because of rounding.

3b. OUTRIGHT FORWARDS, Total Monthly Volume

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial Dealers Dealers** Customers Total **Currency Pair** Customers U.S. DOLLAR versus 287,032 24,127 47,894 148,775 66,236 Euro 57,319 220,599 Japanese yen 19,007 108,387 35,886 25,037 60,224 121,363 British pound 9,885 26,217 Canadian dollar 13,042 30,812 74,894 6,192 24,848 58,832 Swiss franc 4,616 8,481 34,740 10,995 Australian dollar 4,284 12,808 28,624 10,446 56,162 Argentine peso 398 651 168 293 1,510 Brazilian real 6,871 15,576 8,014 2,599 33,060 Chilean peso 1,996 6,585 1,272 886 10,739 4,929 32,760 Mexican peso 13,102 8,013 6,716 All other currencies 15,335 47,911 60,428 30,852 154,526 **EURO** versus 12,309 6,298 19,214 42,735 Japanese yen 4,914 1,605 4,969 11,854 9,242 27,670 British pound 2,411 5,134 4,550 12,730 Swiss franc 635 ALL OTHER 3,004 18,657 19,880 30,358 71,899 **CURRENCY PAIRS** 109,182 286,752 545,539 265,038 1,206,511 Total^a

^aFigures may not sum to totals because of rounding.

3c. FOREIGN EXCHANGE SWAPS, Total Monthly Volume

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial Currency Pair** Dealers **Dealers** Customers Total Customers U.S. DOLLAR versus 191,892 489,666 285,131 51,710 1,018,399 Euro 505,742 Japanese yen 123,652 212,089 144,171 25,830 88,073 387,279 British pound 166,682 111,944 20,580 Canadian dollar 95,365 64,149 411,044 220,480 31,050 78,543 55,502 174,638 Swiss franc 35,527 5,066 150,481 Australian dollar 17,064 82,085 46,144 5,188 Argentine peso 18 27 Brazilian real 714 575 463 1,835 83 Chilean peso 51 138 22 0 211 9,309 Mexican peso 38,242 74,673 26,585 148,809 All other currencies 48,455 151,532 77,887 7,771 285,645 **EURO** versus 2,114 6,190 10,885 Japanese yen 1,854 727 2,469 2,763 3,603 8,986 British pound 151 1,720 3,985 Swiss franc 90 1,366 809 1,532 ALL OTHER 7,412 10,664 3,505 23,113 **CURRENCY PAIRS** 642,940 1,489,573 833,335 165,231 3,131,079 Total^a

^aFigures may not sum to totals because of rounding.

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

Millions of U.S. Dollars

Counterparty Reporting Other Other Financial **Nonfinancial** Dealers **Dealers** Customers Total **Currency Pair** Customers U.S. DOLLAR versus 46,153 67,613 56,479 17,672 187,917 Euro 181,955 Japanese yen 36,601 58,898 74,137 12,319 40,236 84,792 British pound 21,966 16,966 5,624 Canadian dollar 17,285 16,355 76,792 36,646 6,506 7,899 9,319 22,904 Swiss franc 3,301 2,385 Australian dollar 7,349 15,731 14,723 1,623 39,426 Argentine peso 64 136 74 47 321 Brazilian real 4,797 6,341 7,898 1,932 20,968 Chilean peso 224 403 1,299 1,940 14 31,704 3,501 Mexican peso 9,367 8,159 52,731 All other currencies 4,760 9,340 16,464 4,996 35,560 **EURO** versus 14,059 25,395 23,192 65,278 Japanese yen 2,632 2,530 6,229 4,865 14,902 British pound 1,278 4,139 10,914 8,209 24,545 Swiss franc 1,283 ALL OTHER 6,556 22,346 26,499 4,690 60,091 **CURRENCY PAIRS** 179,151 339,831 284,638 66,502 870,122 Total^a

^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 viction						
	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	252,436	959,672	1,307,029	517,980	585,515	3,622,632	712,586
Japanese yen	164,182	650,866	475,170	252,831	276,888	1,819,937	301,302
British pound	71,856	339,339	353,038	151,194	204,376	1,119,803	172,050
Canadian dollar	73,796	305,210	297,387	94,729	216,109	987,231	181,214
Swiss franc	49,083	180,485	203,402	79,089	84,232	596,291	162,603
Australian dollar	29,703	168,317	128,066	55,454	66,859	448,399	99,683
Argentine peso	962	2,241	88	55	1,044	4,390	1,118
Brazilian real	19,315	48,703	3,934	3,944	32,192	108,088	14,663
Chilean peso	4,670	14,314	1,265	256	6,673	27,178	4,752
Mexican peso	75,923	163,098	98,804	17,696	130,207	485,728	50,090
All other currencies	64,634	424,826	127,494	81,590	155,621	854,165	156,744
EURO versus							
Japanese yen	42,619	120,767	104,890	43,271	34,523	346,070	82,632
British pound	7051	52458	78414	21368	18763	178,054	53,473
Swiss franc	12487	47179	89215	21161	24599	194,641	53,758
ALL OTHER							
CURRENCY PAIRS	42575	168921	41539	30094	38577	321,706	85,324
Total ^a	911,292	3,646,396	3,309,735	1,370,712	1,876,178	11,114,313	2,131,992

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

	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	454,737	1,322,404	2,226,652	573,520	398,392	4,975,705	1,589,588
Outright forwards	80,745	646,833	114,207	279,567	194,205	1,315,557	371,166
Foreign exchange swaps	198,681	1,077,580	878,448	424,405	1,194,779	3,773,893	108,377
OTC FX options	177,131	599,576	90,428	93,220	88,795	1,049,150	62,866
Total ^a	911,294	3,646,393	3,309,735	1,370,712	1,876,171	11,114,305	2,131,997
COUNTERPARTY							
Reporting dealers	911,294	-	1,553,554	270,643	896,447	3,631,938	629,957
Banks/other dealers	-	1,283,822	1,651,365	381,054	716,326	4,032,567	787,089
Other financial customers	-	1,810,889	85,734	541,832	213,863	2,652,318	514,807
Nonfinancial customers	-	551,684	19,085	177,182	49,535	797,486	200,142
Total ^a	911,294	3,646,395	3,309,738	1,370,711	1,876,171	11,114,309	2,131,995

Notes: The amounts reported in the table are 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 **Less Than One Month More Than One Year Currency Pair** One Month to One Year U.S. DOLLAR versus Euro 174,970 134,098 2,078 159,202 Japanese yen 78,627 1,764 59,858 947 British pound 70,434 Canadian dollar 42,568 37,313 1,198 Swiss franc 41,458 21,854 129 32,200 27,959 271 Australian dollar Argentine peso 717 1,107 77 Brazilian real 25,957 12,328 1,630 Chilean peso 7,366 244 5,117 Mexican peso 16,791 18,424 2,463 All other currencies 82,076 85,589 2,188 **EURO** versus 79 Japanese yen 35,735 13,209 188 British pound 15,351 13,729 Swiss franc 8,737 4,611 15 347 **ALL OTHER** 54,118 20,433 **CURRENCY PAIRS** 765,431 536,505 13,618 **Total**^a

^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 1,013,666 190,022 6,581 506,916 Japanese yen 118,155 4,313 4,171 British pound 400,383 70,784 Canadian dollar 444,229 59,998 2,170 Swiss franc 186,513 23,271 371 646 Australian dollar 138,851 28,037 Argentine peso 21 22 0 Brazilian real 632 1,629 285 Chilean peso 27 80 152 Mexican peso 155,973 28,076 2,993 All other currencies 300,618 32,264 1,212 **EURO** versus 19 Japanese yen 9,560 3,412 40 British pound 3,840 5,253 Swiss franc 2,509 1,560 1 227 **ALL OTHER** 13,769 10,644 **CURRENCY PAIRS** 3,177,560 573,279 23,056 **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 23,742 Euro 114,668 95,651 92,584 95,565 30,396 Japanese yen British pound 42,513 59,297 4,934 8,921 Canadian dollar 49,937 35,202 Swiss franc 16,991 8,324 881 3,255 Australian dollar 23,504 20,004 Argentine peso 36 344 5 Brazilian real 6,033 12,848 6,878 Chilean peso 1,253 911 0 29,812 17,878 14,402 Mexican peso All other currencies 17,521 17,669 5,123 **EURO** versus 33,676 39,286 6,363 Japanese yen 7,588 1,797 British pound 8,035 Swiss franc 14,810 11,584 2,283 17,431 **ALL OTHER** 23,560 25,653 **CURRENCY PAIRS** 474,933 447,804 126,411 **Total**^a

^aFigures may not sum to totals because of rounding.