Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
1998	205,487	67,026	11,168,854	78	0	0	2,023	0					11,376,364	67,104	11,443,468
1999	230,825	5,194	10,144,487	49	0	0	13,490	0					10,388,802	5,243	10,394,045
2000	433,689	4,797	12,361,851	0	0	0	56,686	0					12,852,226	4,797	12,857,023
2000 1	14,289	506	974,247	0	0	0	3,704	0					992,240	506	992,746
2	30,178	116	862,561	0	0	0	5,518	0					898,257	116	898,373
3	23,111	0	1,120,527	0	0	0	0	0					1,143,638	0	1,143,638
4	18,182	58	905,987	0	0	0	2,374	0					926,543	58	926,601
5	42,293	183	1,136,330	0	0	0	744	0					1,179,367	183	1,179,550
6	30,205	44	1,012,653	0	0	0	1,646	0					1,044,504	44	1,044,548
7	23,421	747	840,377	0	0	0	8,144	0					871,942	747	872,689
8	35,167	534	913,072	0	0	0	1,244	0					949,483	534	950,017
9	35,574	1,140	1,064,927	0	0	0	16,883	0					1,117,384	1,140	1,118,524
10	52,059	772	1,114,157	0	0	0	5,872	0					1,172,088	772	1,172,860
11	57,252	374	1,132,059	0	0	0	7,601	0					1,196,912	374	1,197,286
12	71,958	323	1,284,954	0	0	0	2,956	0					1,359,868	323	1,360,191
2001 1	34,751	62	981,183	0	0	0	934	0					1,016,868	62	1,016,930
2	38,046	0	826,539	0	0	0	5,262	0					869,847	0	869,847
3	52,081	26	1,139,089	0	0	0	1,318	0					1,192,488	26	1,192,514
4	69,199	272	1,034,892	0	0	0	0	0					1,104,091	272	1,104,363
5	88,276	690	1,143,835	0	1,033	0	3,909	0					1,237,053	690	1,237,743
6	99,745	752	1,107,768	0	0	0	268	0					1,207,781	752	1,208,533
7	109,836	231	1,127,495	0	0	0	576	0					1,237,907	231	1,238,138
8	140,381	421	1,175,335	0	0	433	1,514	0					1,317,230	854	1,318,084
9	107,685	320	956,415	0	0	0	4,821	0					1,068,921	320	1,069,241
10	79,952	33,247	1,009,834	0	596	0	8,170	0					1,098,552	33,247	1,131,799
11	215,887	10,814	1,210,930	0	0	0	1,048	0					1,427,865	10,814	1,438,679
12	86,047	56	1,149,087	0	545	0	0	0					1,235,679	56	1,235,735
2002 1	239,302	14,861	1,296,572	0	0	0	164	0					1,536,038	14,861	1,550,899
2	110,858	122	1,010,961	0	913	0	8,928	0					1,131,660	122	1,131,782
3	259,289	1,934	1,311,254	0	5,323	0	0	0					1,575,866	1,934	1,577,800
4	269,455	6,990	1,371,856	0	2,929	0	1,596	0					1,645,836	6,990	1,652,826
5	351,426	8,013	1,446,182	0	896	0	2,184	0					1,800,688	8,013	1,808,701
6	227,054	10,697	1,669,183	0	632	0	2,492	0					1,899,361	10,697	1,910,058
7	307,309	105,020	2,044,866	4	1,408	0	3,135	3,135					2,356,718	108,159	2,464,877
8	297,546	104,106	1,332,149	0	1,322	0	8,828	0					1,639,845	104,106	1,743,951
9	225,169	72,126	1,325,977	0	4,455	0	14,772	0					1,570,373	72,126	1,642,499
10	274,933	78,440	1,573,246	0	775	0	9,422	0					1,858,376	78,440	1,936,816
11	301,289	20,682	1,451,139	0	619	0	5,525	0					1,758,572	20,682	1,779,254
12	168,537	19,587	1,495,026	0	0	0	0	0					1,663,563	19,587	1,683,150
2003 1	259,906	42,921	1,756,163	0	2,709	0	33,475	0					2,052,253	42,921	2,095,174
2	257,736	35,297	1,361,716	0	2,773	0	1,094	0					1,623,319	35,297	1,658,616
3	340,843	141,581	1,693,392	0	3,622	862	1,434	0					2,039,291	142,443	2,181,734
4	402,056	152,986	1,789,986	0	2,126	1,650	764	0					2,194,932	154,636	2,349,568
5	282,049	109,137	2,077,604	0	2,455	2,139	144	0					2,362,252	111,276	2,473,528
6	355,908	77,115	1,980,560	0	1,463	7,767	8,306	0					2,346,237	84,882	2,431,119
7	434,085	79,036	2,140,784	0	2,986	9,165	10,310	0					2,588,165	88,201	2,676,366
8	497,627	158,081	1,992,341	0	1,673	2,943	22,265	0					2,513,906	161,024	2,674,930
9	363,788	75,264	2,872,861	0	1,949	94	26,890	0					3,265,488	75,358	3,340,846
10	305,517	67,828	3,198,434	0	3,414	0	2,302	0					3,509,667	67,828	3,577,495
11	305,242	37,027	2,186,373	0	5,579	195	17,244	0					2,514,438	37,222	2,551,660
12	240,413	44,090	2,293,359	0	1,515	585	1,650	0					2,536,937	44,675	2,581,612

Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
2004 1	397,605	40,932	3,215,357	0	4,751	316	27,384	0	450	0			3,645,547	41,248	3,686,795
2	540,029	29,064	3,440,014	0	6,221	11,517	34	0	866	0			3,987,164	40,581	4,027,745
3	521,074	37,350	3,365,183	0	10,500	23,675	20,562	0	1,687	0			3,919,006	61,025	3,980,031
4	1,210,009	27,584	3,652,758	0	4,935	25,696	17,044	0	1,477	0			4,886,223	53,280	4,939,503
5	782,253	58,589	3,648,958	0	3,405	3,740	24,144	0	2,658	0			4,461,418	62,329	4,523,747
6	627,131	157,207	3,434,169	0	3,559	182	20,935	0	2,294	0			4,088,088	157,389	4,245,477
7	480,181	206,758	3,275,781	0	4,882	20,615	0	0	3,206	0			3,764,050	227,373	3,991,423
8	421,987	380,186	2,958,146	0	3,552	6,235	50,382	0	6,577	0			3,440,644	386,421	3,827,065
9	627,526	192,417	3,252,826	0	1,400	1,722	1,048	0	6,093	0			3,888,893	194,139	4,083,032
10	414,066	62,964	3,303,162	0	665	952	36,672	0	764	0			3,755,329	63,916	3,819,245
11	710,111	55,792	3,638,802	253	631	1,203	36,139	0	1,019	0			4,386,702	57,248	4,443,950
12	644,353	56,417	3,924,629	0	500	465	0	0	379	0			4,569,861	56,882	4,626,743
2005 1	590,980	62,467	3,253,385	0	9,237	4,058	34	0	609	0	0	0	3,854,245	66,525	3,920,770
2	363,802	47,299	2,401,830	0	2,544	2,349	21,972	0	289	0	0	0	2,790,437	49,648	2,840,085
3	1,048,941	101,275	3,760,509	0	5,231	10,974	37,775	0	327	0	0	0	4,852,783	112,249	4,965,032
4	594,616	83,291	3,227,891	0	442	7,115	16,294	0	386	0	0	0	3,839,629	90,406	3,930,035
5	755,917	63,187	3,141,894	0	421	8,447	37,751	0	1,408	0	0	0	3,937,391	71,634	4,009,025
6	1,043,661	169,684	3,544,338	0	912	8,234	446	0	6,347	0	0	0	4,595,704	177,918	4,773,622
7	716,314	141,590	3,603,352	0	4,408	5,826	472	0	4,257	0	0	0	4,328,803	147,416	4,476,219
8	704,876	156,499	3,959,518	0	1,463	6,522	16,062	0	3,446	0	2	0	4,685,367	163,021	4,848,388
9	1,002,365	180,652	3,708,636	0	1,065	4,685	652	0	754	0	0	0	4,713,472	185,337	4,898,809
10	818,122	169,282	4,032,741	0	2,679	4,966	48,296	0	2,655	0	0	0	4,904,493	174,248	5,078,741
11	924,253	165,266	4,111,352	0	1,046	8,458	6	0	8,167	0	0	0	5,044,824	173,724	5,218,548
12	610,950	148,729	5,006,039	0	640	6,297	24	0	626	0	0	0	5,618,279	155,026	5,773,305
2006 1	885,862	122,073	4,030,497	0	8,701	2,975	0	0	1,757	0	0	0	4,926,817	125,048	5,051,865
2	1,083,670	112,720	3,733,484	0	407	4,375	14,432	0	1,390	0	0	0	4,833,383	117,095	4,950,478
3	1,239,755	201,415	4,892,798	0	3,573	4,640	156	0	8,298	0	0	0	6,144,580	206,055	6,350,635
4	992,653	204,093	4,035,141	0	5,012	3,604	517	0	14,742	0	0	0	5,048,065	207,697	5,255,762
5	1,280,647	272,152	4,794,263	0	10,841	6,172	4,422	422	7,788	0	0	0	6,097,961	278,746	6,376,707
6	1,226,280	211,584	5,576,623	0	2,835	7,534	2,360	0	2,353	0	0	0	6,810,451	219,118	7,029,569
7	941,818	155,012	5,215,658	0	746	9,157	3,210	0	2,407	0	0	0	6,163,839	164,169	6,328,008
8	855,010	329,643	5,853,565	0	1,355	10,590	8,424	0	2,245	0	0	0	6,720,599	340,233	7,060,832
9	900,474	285,440	5,826,624	0	4,432	9,063	8,398	0	7,547	0	0	0	6,747,475	294,503	7,041,978
10	710,927	208,003	5,514,188	0	942	8,315	4,578	0	1,046	0	0	0	6,231,681	216,318	6,447,999
11	813,134	331,813	6,334,281	0	1,691	11,789	6,621	0	8,395	0	0	0	7,164,122	343,602	7,507,724
12	626,854	246,997	6,304,659	0	735	9,518	6,537	0	4,158	0	9,499	0	6,952,442	256,515	7,208,957
2007 1	813,367	639,034	6,153,711	0	2,082	9,526	33,534	0	3,035	0	0	0	7,005,729	648,560	7,654,289
2	566,406	906,846	4,313,923	0	3,709	3,888	3,719	0	28,067	0	0	0	4,915,824	910,734	5,826,558
3	984,006	1,402,206	6,423,127	0	3,466	7,812	14,370	0	6,662	0	0	0	7,431,631	1,410,018	8,841,649
4	981,100	973,045	4,793,839	0	6,036	217,574	10,711	0	15,458	0	0	0	5,807,144	1,190,619	6,997,763
5	1,713,823	910,159	5,808,833	0	3,386	235,663	11,549	0	3,560	0	0	0	7,541,151	1,145,822	8,686,973
6	1,614,090	946,969	5,494,503	0	2,205	242,932	10,930	0	14,248	0	0	0	7,135,976	1,189,901	8,325,877
7	1,189,244	1,029,709	6,242,920	0	1,203	391,293	11,994	0	36,107	0	0	0	7,481,468	1,421,002	8,902,470
8	1,521,775	1,687,975	6,412,308	0	766	490,041	40,401	0	31,221	0	0	0	8,006,471	2,178,016	10,184,487
9	762,074	1,005,326	5,438,541	0	1,064	189,850	23,953	0	23,564	0	0	0	6,249,196	1,195,176	7,444,372
10	865,514	1,538,065	6,598,816	0	2,372	248,650	19,421	0	10,181	0	0	0	7,496,304	1,786,715	9,283,019
11	1,056,266	1,966,464	6,878,062	0	2,907	341,526	40,804	0	23,253	0	0	0	8,001,292	2,307,990	10,309,282
12	554,487	884,658	5,497,460	0	898	241,625	6,280	0	9,096	0	0	0	6,068,221	1,126,283	7,194,504
2008 1	1,322,166	2,212,935	6,497,490	0	2,577	400,590	59,553	0	7,273	0	0	0	7,889,059	2,613,525	10,502,584
2	1,211,803	1,417,392	5,132,908	0	57	164,429	16,190	0	7,047	0	0	0	6,368,005	1,581,821	7,949,826
3	1,654,773	1,291,882	6,552,712	0	400	358,287	41,184	345	4,200	0	0	0	8,253,269	1,650,514	9,903,783
4	1,117,516	1,383,135	6,130,528	0	1,089	265,110	44,040	30,673	12,065	0	304	0	7,305,542	1,678,918	8,984,460
5	1,018,318	1,600,305	5,925,206	0	110	308,498	26,754	27,156	20,677	0	0	0	6,991,065	1,935,959	8,927,024
6	1,208,781	1,640,875	5,782,702	0	847	393,322	60,208	26,644	25,549	0	0	0	7,078,087	2,060,841	9,138,928
7	1,076,650	995,156	6,085,706	0	315	384,964	166,500	31,439	5,499	0	0	0	7,334,670	1,411,559	8,746,229
8	930,599	753,944	5,684,049	0	120	313,122	59,745	25,789	10,243	0	0	0	6,684,756	1,092,855	7,777,611
9	1,225,380	1,334,461	6,731,112	0	139	347,391	66,228	31,146	8,067	0	0	0	8,030,926	1,712,998	9,743,924
10	836,054	627,677	7,462,691	0	30	264,675	37,615	28,942	7,706	0	0	0	8,344,096	921,294	9,265,390
11	842,644	460,584	4,616,060	0	18	176,756	42,987	27,500	2,993	0	0	0	5,504,702	664,840	6,169,542
12	1,339,899	561,884	4,634,432	0	0	202,594	118,991	27,115	3,709	0	0	0	6,097,031	791,593	6,888,624

Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
2009 1	1,611,255	733,129	3,871,472	0	243	141,957	41,610	58,131	6,433	0	0	0	5,531,013	933,217	6,464,230
2	2,041,153	1,083,225	4,966,324	0	142	183,176	20,788	94,926	3,869	0	0	0	7,032,276	1,361,327	8,393,603
3	2,311,009	1,254,061	5,330,087	0	278	209,662	103,777	92,414	10,231	0	0	0	7,755,382	1,556,137	9,311,519
4	2,079,812	818,860	5,290,798	0	202	226,499	96,905	94,886	4,628	0	0	0	7,472,345	1,140,245	8,612,590
5	2,072,160	792,050	5,084,914	0	177	208,997	61,599	38,068	4,758	0	0	0	7,223,608	1,039,115	8,262,723
6	2,565,062	957,176	5,706,837	0	380	233,009	58,122	38,898	3,823	0	0	0	8,334,224	1,229,083	9,563,307
7	2,496,057	759,056	5,730,547	0	302	237,247	70,212	37,915	13,719	0	0	0	8,310,837	1,034,218	9,345,055
8	2,772,001	681,716	5,749,648	0	478	217,200	47,581	37,813	10,569	0	0	0	8,580,277	936,729	9,517,006
9	1,730,002	535,031	6,452,391	0	738	269,696	47,190	40,693	13,514	0	0	0	8,243,835	845,420	9,089,255
10	996,620	858,562	6,679,218	0	294	252,344	49,119	43,361	23,277	0	0	0	7,748,528	1,154,267	8,902,795
11	633,813	715,258	7,110,271	0	884	279,637	27,087	43,238	12,166	0	0	0	7,784,221	1,038,133	8,822,354
12	617,724	464,643	6,944,166	0	588	275,343	47,896	45,772	10,129	0	0	0	7,620,503	785,758	8,406,261
2010 1	1,602,368	775,617	7,055,208	0	1,114	293,439	57,940	2,182	40,869	0	0	0	8,757,499	1,071,238	9,828,737
2	1,097,930	783,607	5,867,879	0	163	229,571	57,946	1,488	56,731	0	0	0	7,080,649	1,014,666	8,095,315
3	1,347,026	970,067	7,729,764	0	189	366,980	71,538	4,732	18,931	0	0	0	9,167,448	1,341,779	10,509,227
4	1,055,141	1,176,320	7,236,856	0	972	490,717	55,582	6,071	37,329	0	0	0	8,385,880	1,673,108	10,058,988
5	1,084,992	1,398,424	7,957,638	0	1,931	579,782	45,749	9,661	53,868	0	0	0	9,144,178	1,987,867	11,132,045
6	891,335	1,017,311	7,307,550	0	777	348,739	63,006	11,949	20,487	0	0	0	8,283,155	1,377,999	9,661,154
7	635,784	1,001,326	7,881,655	0	383	375,990	59,226	1,863	13,910	0	0	0	8,590,958	1,379,179	9,970,137
8	772,379	1,616,588	8,067,007	0	411	356,991	62,326	42,400	20,752	0	0	0	8,922,875	2,015,979	10,938,854
9	585,225	1,894,297	8,043,862	0	215	345,730	34,054	13,989	23,636	0	0	0	8,686,992	2,254,016	10,941,008
10	546,017	1,670,279	7,528,294	0	361	403,954	37,420	4,750	19,514	0	0	0	8,131,606	2,078,983	10,210,589
11	472,128	1,395,169	7,405,057	0	703	387,552	42,073	4,541	13,753	0	0	0	7,933,714	1,787,262	9,720,976
12	339,434	1,189,017	7,887,411	0	571	374,409	48,520	5,844	2,989	0	0	0	8,278,925	1,569,270	9,848,195
2011 1	633,307	1,250,907	7,804,101	0	2,648	554,018	54,432	30,968	18,170	0	0	0	8,512,658	1,835,893	10,348,551
2	938,876	1,190,070	5,748,710	0	1,024	680,483	34,022	90,836	5,621	0	0	0	6,728,253	1,961,389	8,689,642
3	768,648	1,241,282	8,373,552	0	152,942	776,552	39,167	75,221	12,760	0	0	0	9,347,069	2,093,055	11,440,124
4	400,588	807,582	7,285,667	0	3,980	640,730	31,256	62,258	4,509	0	0	0	7,726,000	1,510,570	9,236,570
5	572,364	848,464	7,575,482	0	5,842	611,337	55,990	23,899	9,777	0	0	0	8,219,455	1,483,700	9,703,155
6	889,462	1,156,936	8,437,078	0	9,179	466,135	90,555	24,743	15,628	0	0	0	9,441,902	1,647,814	11,089,716
7	586,352	948,319	7,914,037	0	5,396	406,907	51,690	17,532	25,873	0	0	0	8,583,348	1,372,758	9,956,106
8	711,772	1,076,412	9,818,425	0	2,183	551,223	62,511	22,939	12,553	0	0	0	10,607,444	1,650,574	12,258,018
9	281,399	706,498	10,107,235	0	5,832	367,376	61,683	26,645	18,170	0	0	0	10,474,319	1,100,519	11,574,838
10	290,920	480,282	9,452,588	0	4,143	241,041	93,375	16,775	10,468	0	0	0	9,851,494	738,098	10,589,592
11	233,264	584,158	8,928,983	0	6,990	290,384	42,195	7,577	16,669	0	0	0	9,228,101	882,119	10,110,220
12	345,246	365,615	7,979,268	0	4,199	225,301	38,527	7,106	2,992	0	0	0	8,370,232	598,022	8,968,254
2012 1	532,445	353,679	7,385,295	0	1,716	177,961	40,106	10,517	6,299	0	0	0	7,965,861	542,157	8,508,018
2	599,036	438,520	8,487,796	0	2,336	270,191	68,799	10,343	11,395	0	0	0	9,169,362	719,054	9,888,416
3	585,092	552,553	9,088,091	0	2,308	324,966	42,916	8,042	8,555	0	0	0	9,726,962	885,561	10,612,523
4	517,995	399,578	8,654,338	0	2,361	273,855	31,479	5,920	7,308	0	0	0	9,213,481	679,353	9,892,834
5	443,120	564,147	10,335,168	0	3,222	281,659	39,404	6,736	13,403	0	0	0	10,834,317	852,542	11,686,859
6	358,285	468,519	8,903,779	0	1,230	193,102	34,705	4,710	4,869	0	0	0	9,302,868	666,331	9,969,199
7	387,496	439,986	9,319,354	0	2,269	220,231	41,273	8,299	1,318	0	0	0	9,751,710	668,516	10,420,226
8	215,841	478,867	9,113,049	0	3,436	225,844	41,013	7,048	1,988	0	0	0	9,375,327	711,759	10,087,086
9	182,637	703,101	8,561,660	0	3,750	195,174	31,862	3,834	1,867	0	0	0	8,781,776	902,109	9,683,885
10	192,072	463,003	9,150,843	0	6,357	296,154	32,246	8,482	4,990	0	0	0	9,386,508	767,639	10,154,147
11	166,648	408,774	8,607,890	0	4,237	380,804	29,982	9,698	6,307	0	0	0	8,815,064	799,276	9,614,340
12	160,896	279,295	7,345,199	0	2,230	343,491	22,253	8,456	3,864	0	0	0	7,534,442	631,242	8,165,684
2013 1	349,532	354,489	11,373,881	0	12,133	393,936	21,192	7,271	11,522	0	0	0	11,768,260	755,696	12,523,956
2	109,792	237,949	8,459,595	0	3,853	186,846	16,260	4,416	1,404	0	0	0	8,590,904	429,211	9,020,115
3	232,923	373,103	10,776,315	0	3,000	296,265	19,633	8,514	3,946	0	0	0	11,035,817	677,882	11,713,699
4	229,388	423,005	10,728,918	0	5,192	348,005	15,028	16,383	2,642	0	0	0	10,981,168	787,393	11,768,561
5	282,305	559,019	13,192,471	0	2,470	445,741	14,167	20,229	4,515	0	0	0	13,495,928	1,024,989	14,520,917
6	287,357	362,202	10,698,044	0	1,927	330,419	14,711	10,179	10,694	0	0	0	11,012,733	702,800	11,715,533
7	215,481	335,376	11,883,155	0	5,564	418,748	16,469	12,838	2,873	0	0	0	12,123,542	766,962	12,890,504
8	202,028	417,466	11,689,761	0	5,771	346,236	12,113	20,375	1,681	0	0	0	11,911,354	784,077	12,695,431
9	178,435	369,331	10,727,910	0	3,030	355,976	9,657	10,106	1,902	0	0	0	10,920,934	735,413	11,656,347
10	134,947	351,393	11,067,561	0	2,942	322,653	11,938	11,763	349	0	0	0	11,217,737	685,809	11,903,546
11	117,393	281,794	10,741,008	0	1,785	329,368	9,754	5,519	903	0	0	0	10,870,843	616,681	11,487,524
12	88,757	258,697	10,162,943	0	2,514	354,588	11,211	7,386	2,829	0	0	0	10,268,254	620,671	10,888,925

Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
2014 1	181,918	318,757	16,306,900	0	7,524	361,106	12,460	10,827	5,671	0	0	0	16,514,473	690,690	17,205,163
2	131,568	309,639	12,781,739	0	4,349	386,281	10,688	33,814	1,503	0	0	0	12,929,847	729,734	13,659,581
3	161,236	609,943	13,114,019	0	4,300	576,265	9,442	121,810	2,930	0	0	0	13,291,927	1,308,018	14,599,945
4	153,448	451,946	12,679,576	0	2,600	637,443	8,077	36,153	4,022	0	0	0	12,847,723	1,125,542	13,973,265
5	146,559	601,913	10,624,448	0	5,785	550,960	12,363	75,834	2,580	0	0	0	10,791,735	1,228,707	12,020,442
6	178,924	441,123	10,364,627	0	18,369	371,812	8,168	47,816	1,529	0	0	0	10,571,617	860,751	11,432,368
7	121,267	579,699	11,467,656	0	2,675	538,815	11,364	30,943	3,012	0	0	0	11,605,974	1,149,457	12,755,431
8	184,380	345,097	R 11,016,323	0	577	441,068	11,840	8,544	5,361	0	0	0	11,218,481	794,709	R 12,013,190
9	163,894	508,444	13,367,321	0	5,647	462,498	14,156	12,193	1,237	0	0	0	13,552,255	983,135	14,535,390
10	140,784	499,813	12,836,457	0	8,121	483,347	7,031	3,914	6,571	0	0	0	12,998,964	987,074	13,986,038
11	183,743	257,794	12,047,414	0	1,452	317,143	6,322	10,379	4,042	0	0	0	12,242,973	585,316	12,828,289
12	137,756	151,095	12,483,620	0	326	448,641	5,371	8,655	4,208	0	0	0	12,631,281	608,391	13,239,672
2015 1	213,870	309,164	14,134,246	0	1,412	441,082	14,359	25,447	9,753	0	0	0	14,373,640	775,693	15,149,333
2	95,593	220,745	9,383,149	0	1,401	219,307	7,896	28,176	504	0	0	0	9,488,543	468,228	9,956,771
3	177,873	297,530	13,514,628	0	988	297,216	11,223	38,280	2,740	0	0	0	13,707,452	633,026	14,340,478
4	99,606	349,161	12,873,806	0	566	367,057	8,677	36,004	3,335	0	0	0	12,985,990	752,222	13,738,212
5	331,977	429,533	12,778,063	0	585	315,854	10,526	13,844	1,428	0	0	0	13,122,579	759,231	13,881,810
6	210,549	399,813	13,369,029	0	7,907	402,897	7,465	8,801	1,716	0	0	0	13,596,666	811,511	14,408,177
7	277,016	335,305	15,154,412	106,330	1,835	368,888	20,005	23,991	1,822	0	0	0	15,455,090	834,514	16,289,604
8	525,808	439,068	14,223,262	417,048	359	422,480	12,699	8,321	5,496	0	0	0	14,767,624	1,286,917	16,054,541
9	286,119	277,120	12,114,045	293,100	247	399,805	12,256	25,470	3,779	0	0	0	12,416,446	995,495	13,411,941
10	311,080	408,364	11,358,567	726,878	388	308,366	8,963	36,288	1,839	0	0	0	11,680,837	1,479,896	13,160,733
11	343,894	244,206	10,814,732	113,598	535	359,356	8,086	5,628	2,213	0	0	0	11,169,460	722,788	11,892,248
12	339,270	287,482	12,110,232	481,969	593	490,535	8,618	4,048	1,173	0	0	0	12,459,886	1,264,034	13,723,920
2016 1	422,159	691,456	13,248,663	134,676	300	534,296	7,666	11,378	6,665	0	0	0	13,685,453	1,371,806	15,057,259
2	297,898	376,787	9,369,674	43,913	126	205,082	4,305	5,900	5,675	0	0	0	9,677,678	631,682	10,309,360
3	824,255	313,897	12,344,137	64,120	321	384,551	8,582	7,796	5,522	0	0	0	13,182,817	770,364	13,953,181
4	370,474	346,056	11,203,104	42,290	253	327,337	9,906	23,392	2,791	0	0	0	11,586,528	739,075	12,325,603
5	481,687	457,168	11,624,392	126,362	608	305,016	8,025	7,006	1,861	0	0	0	12,116,573	895,552	13,012,125
6	368,289	617,994	12,155,205	92,539	1,051	290,433	8,748	4,236	1,884	0	0	0	12,535,177	1,005,202	13,540,379
7	379,671	482,509	11,349,780	145,646	761	311,057	9,169	8,397	1,702	0	0	0	11,741,083	947,609	12,688,692
8	339,622	729,321	11,990,667	148,871	650	375,281	9,936	3,604	1,375	0	0	0	12,342,250	1,257,077	13,599,327
9	307,472	651,566	11,364,585	61,853	644	288,415	10,744	3,874	576	0	0	0	11,684,021	1,005,708	12,689,729
10	349,339	415,004	11,004,949	104,930	458	173,185	7,047	3,415	365	0	0	0	11,362,158	696,534	12,058,692
11	483,800	434,110	12,557,132	69,888	195	248,260	7,970	2,209	1,116	0	0	0	13,050,213	754,467	13,804,680
12	291,584	162,986	11,206,252	91,237	540	139,896	6,057	3,855	969	0	0	0	11,505,402	397,974	11,903,376
2017 1	335,537	315,606	10,641,041	30,166	956	135,593	9,363	9,693	1,557	0	0	0	10,988,454	491,058	11,479,512
2	351,128	326,371	10,113,867	92,353	361	168,217	8,285	5,247	2,764	0	0	0	10,476,405	592,188	11,068,593
3	523,266	707,760	12,950,037	57,988	430	415,946	11,332	3,956	3,419	0	0	0	13,488,484	1,185,650	14,674,134
4	222,102	413,804	9,341,959	25,621	202	419,069	7,102	2,102	3,285	0	0	0	9,574,650	860,596	10,435,246
5	259,647	596,892	10,260,286	48,565	42	522,368	7,078	2,656	3,655	0	0	0	10,530,708	1,170,481	11,701,189
6	344,349	884,885	11,077,241	61,434	388	660,912	7,223	3,472	4,729	0	0	0	11,433,930	1,610,703	13,044,633
7	190,123	756,341	10,675,170	70,585	54	385,202	6,313	3,369	302	0	0	0	10,871,962	1,215,497	12,087,459
8	178,431	1,110,364	11,274,534	69,825	478	399,937	6,961	10,773	1,577	0	0	0	11,461,981	1,590,899	13,052,880
9	324,441	709,836	11,418,048	62,191	137	330,686	6,604	4,972	3,181	0	0	0	11,752,411	1,107,685	12,860,096
10	419,278	715,621	10,346,609	47,393	219	250,046	6,663	8,462	302	0	0	0	10,773,071	1,021,522	11,794,593
11	274,231	590,074	11,317,646	55,086	287	300,536	4,036	5,880	210	0	0	0	11,596,410	951,576	12,547,986
12	328,386	452,419	10,342,434	42,738	209	251,386	4,130	2,273	1,044	0	0	0	10,676,203	748,816	11,425,019
2018 1	1,008,892	907,025	12,658,236	65,049	1,548	297,271	7,301	5,324	2,186	0	0	0	13,678,163	1,274,669	14,952,832
2	499,664	1,316,060	9,022,734	27,704	2,353	280,171	3,763	3,216	4,618	0	0	0	9,533,132	1,627,151	11,160,283
3	718,903	1,173,937	13,174,407	51,743	2,353	318,971	7,936	5,972	13,320	0	0	0	13,916,919	1,550,623	15,467,542
4	497,108	877,304	11,744,574	129,786	2,179	357,032	9,309	4,963	6,567	0	0	0	12,259,737	1,369,085	13,628,822
5	628,511	1,235,320	13,567,970	97,283	1,701	440,145	10,037	6,218	6,998	0	0	0	14,215,217	1,778,966	15,994,183
6	551,552	799,745	12,874,350	94,023	806	382,933	12,028	3,002	7,883	0	0	0	13,446,619	1,279,703	14,726,322
7	319,147	798,248	13,125,578	122,411	719	391,611	9,668	4,964	12,074	0	0	0	13,467,186	1,317,234	14,784,420
8	424,995	767,430	13,674,036	69,550	1,732	412,578	11,676	5,682	6,127	0	0	0	14,118,566	1,255,240	15,373,806
9	434,955	658,156	11,370,414	27,800	5,576	278,761	10,161	2,929	4,760	0	0	0	11,825,866	967,646	12,793,512
10	605,895	792,936	13,111,603	28,178	13,463	497,533	8,430	6,181	7,933	0	0	0	13,747,324	1,324,828	15,072,152
11	796,517	903,695	12,863,999	52,601	1,804	292,568	8,665	3,174	7,469	0	0	0	13,678,454	1,252,038	14,930,492
12	515,731	1,052,380	11,751,494	42,277	2,070	196,575	7,585	1,896	6,410	0	0	0	12,283,290	1,293,128	13,576,418

Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
2019 1	888,618	997,664	14,752,048	96,175	4,079	198,532	13,175	3,663	2,627	0	0	0	15,660,547	1,296,034	16,956,581
2	431,818	354,748	9,813,031	68,928	948	107,807	7,422	3,383	3,179	0	0	0	10,256,398	534,866	10,791,264
3	741,953	1,238,893	12,525,998	121,591	2,851	150,006	11,645	8,381	5,882	0	0	0	13,288,329	1,518,871	14,807,200
4	552,439	780,950	12,207,021	92,421	494	136,101	8,360	9,421	499	0	0	0	12,768,813	1,018,893	13,787,706
5	818,576	1,732,740	13,342,773	114,558	532	232,961	12,377	7,071	2,973	0	0	0	14,177,231	2,087,330	16,264,561
6	758,649	1,237,838	11,638,376	90,659	226	224,368	10,373	19,906	3,124	0	0	0	12,410,748	1,572,771	13,983,519
7	741,776	780,155	13,707,436	58,437	2,345	270,432	12,683	20,649	1,542	0	0	0	14,465,782	1,129,673	15,595,455
8	739,858	1,986,499	12,384,035	69,044	1,786	313,338	13,325	25,152	942	0	0	0	13,139,946	2,394,033	15,533,979
9	587,322	883,088	12,222,178	49,260	1,808	263,383	6,542	19,897	1,086	0	0	0	12,818,936	1,215,628	14,034,564
10	584,206	1,156,420	12,712,502	59,680	865	367,459	9,620	12,295	6,087	0	0	0	13,313,280	1,595,854	14,909,134
11	556,154	714,588	12,064,226	50,067	2,966	448,159	6,534	9,509	1,038	0	0	0	12,630,918	1,222,323	13,853,241
12	323,882	273,993	12,399,098	35,445	96	388,088	4,637	6,550	903	0	0	0	12,728,616	704,076	13,432,692
2020 1	486,437	554,007	11,217,428	42,162	650	424,029	10,610	19,601	698	0	0	0	11,715,823	1,039,799	12,755,622
2	664,693	1,017,567	12,661,048	40,994	646	491,352	4,521	31,309	-	0	0	0	13,330,908	1,581,222	14,912,130
3	1,314,554	1,524,153	14,940,649	59,118	74	648,762	6,375	14,520	7,345	0	0	0	16,268,997	2,246,553	18,515,550
4	468,474	456,129	12,125,736	27,977	177	306,349	6,913	10,380	596	0	0	0	12,601,896	800,835	13,402,731
5	356,259	390,201	11,489,128	28,290	706	278,976	4,334	5,523	150	0	0	0	11,850,577	702,990	12,553,567
6	424,836	227,532	11,717,966	38,935	494	348,318	5,889	8,940	297	0	0	0	12,149,482	623,725	12,773,207
7	390,118	141,560	13,001,415	32,041	230	437,626	9,359	18,815	1,416	0	0	0	13,402,538	630,042	14,032,580
8	428,359	364,559	11,835,109	33,912	179	287,802	11,971	10,723	148	0	0	0	12,275,766	696,996	12,972,762
9	309,426	218,435	12,162,265	35,721	210	274,570	11,515	8,504	437	0	0	0	12,483,853	537,230	13,021,083
10	414,895	204,690	10,084,777	33,239	569	145,862	5,631	1,212	579	0	0	0	10,506,451	385,003	10,891,454
11	336,035	249,100	10,308,159	19,184	475	190,375	11,798	2,147	288	0	0	0	10,656,755	460,806	11,117,561
12	296,192	123,511	10,968,915	21,815	307	266,082	8,350	1,383	0	0	0	0	11,273,764	412,791	11,686,555
2021 1	523,522	218,534	12,011,279	11,099	1,558	314,983	9,569	2,164	852	0	0	0	12,546,780	546,780	13,093,560
2	477,070	262,557	9,290,590	12,201	1,269	165,406	9,598	1,320	1,557	0	0	0	9,780,084	441,484	10,221,568
3	595,802	459,146	12,175,182	24,891	1,342	284,106	14,120	4,268	1,284	0	0	0	12,787,730	772,411	13,560,141
4	392,020	364,330	10,744,811	18,925	1,367	235,840	13,503	5,513	1,398	0	0	0	11,153,099	624,608	11,777,707
5	316,730	412,327	10,788,776	22,179	802	220,540	7,045	3,657	968	0	0	0	11,114,321	658,703	11,773,024
6	436,426	318,967	10,679,284	10,443	940	66,405	14,494	1,094	279	0	0	0	11,131,423	396,909	11,528,332
7	381,628	552,877	10,948,515	5,073	1,318	143,836	9,989	1,518	3,741	0	0	0	11,345,191	703,304	12,048,495
8	428,438	543,522	11,451,587	6,006	1,471	153,138	7,349	3,364	278	0	0	0	11,889,123	706,030	12,595,153
9	549,444	558,865	11,074,361	10,954	1,202	129,695	6,736	1,226	2,366	0	0	0	11,634,109	700,740	12,334,849
10	1,230,652	686,341	10,756,678	7,472	1,886	117,865	6,200	1,876	1,808	0	0	0	11,997,224	813,554	12,810,778
11	566,283	1,455,901	10,370,081	2,090	1,453	89,289	8,467	2,075	2,225	0	0	0	10,948,509	1,549,355	12,497,864
12	418,187	832,613	10,671,035	6,185	522	74,861	8,676	392	535	0	0	0	11,098,955	914,051	12,013,006
2022 1	704,735	821,236	11,937,827	5,864	1,899	115,867	6,980	686	2,549	0	0	0	12,653,990	943,653	13,597,643
2	654,843	1,144,968	9,452,403	6,097	708	71,005	6,611	388	420	0	0	0	10,114,985	1,222,458	11,337,443
3	1,481,693	1,889,823	12,836,871	4,631	661	144,224	9,496	1,183	6,917	0	0	0	14,335,638	2,039,861	16,375,499
4	898,670	1,027,160	10,428,732	4,133	659	88,978	10,859	521	2,817	0	0	0	11,341,737	1,120,792	12,462,529
5	533,673	816,221	11,243,182	3,344	477	92,042	8,487	2,099	2,492	0	0	0	11,788,311	913,706	12,702,017
6	960,822	897,812	12,080,554	7,510	417	86,409	7,969	1,522	1,939	0	0	0	13,051,701	993,253	14,044,954
7	822,383	1,067,292	12,817,552	3,007	285	99,167	5,207	1,193	1,290	0	0	0	13,646,717	1,170,659	14,817,376
8	704,358	1,133,946	14,207,525	4,733	606	108,672	8,921	1,144	2,405	0	0	0	14,923,815	1,248,495	16,172,310
9	885,069	1,323,782	14,902,220	6,043	362	213,801	6,682	2,181	1,318	0	0	0	15,795,651	1,545,807	17,341,458
10	557,068	702,680	13,916,198	4,552	1,404	130,996	8,481	1,938	250	0	0	0	14,483,401	840,166	15,323,567
11	575,481	773,968	13,889,681	4,966	1,753	120,105	4,231	2,282	682	0	0	0	14,471,828	901,321	15,373,149
12	531,819	507,875	13,600,371	3,094	2,464	34,842	3,689	931	373	0	0	0	14,138,716	546,742	14,685,458
2023 1	336,081	750,658	11,884,447	3,708	1,870	42,698	5,303	4,448	0	0	0	0	12,227,701	801,512	13,029,213
2	649,693	974,367	13,988,974	1,967	4,488	98,014	5,401	5,042	1,067	0	0	0	14,649,623	1,079,390	15,729,013
3	1,193,431	1,699,558	17,746,147	2,642	4,855	143,065	5,045	7,999	1,218	0	0	0	18,950,696	1,853,264	20,803,960
4	463,770	673,281	13,147,166	2,418	3,341	81,158	4,923	6,836	215	0	0	0	13,619,415	763,693	14,383,108
5	861,533	976,307	15,963,430	2,490	4,514	120,929	3,977	7,190	1,538	0	0	0	16,834,992	1,106,916	17,941,908
6	768,750	644,108	16,232,391	3,258	8,668	103,331	3,315	7,256	1,739	0	0	0	17,014,863	757,953	17,772,816
7	536,587	650,908	15,341,204	3,453	8,130	97,409	3,674	6,430	2,200	0	0	0	15,891,795	758,200	16,649,995
8	574,307	934,496	16,984,085	2,263	4,402	94,185	8,103	4,824	3,460	0	0	0	17,574,357	1,035,768	18,610,125
9	751,131	796,066	14,927,511	1,962	4,059	77,232	3,838	3,706	806	0	0	0	15,687,345	878,966	16,566,311
10	651,951	1,002,045	14,898,357	2,225	2,571	100,303	3,916	6,149	1,349	0	0	0	15,558,144	1,110,722	16,668,866
11	919,007	1,029,830	17,553,397	4,727	2,795	92,299	2,509	4,502	706	0	0	0	18,478,414	1,131,358	19,609,772
12	808,573	577,561	15,657,916	1,568	9,622	30,929	5,399	1,126	785	0	0	0	16,482,295	611,184	17,093,479

Notional Amounts Turnover of Derivatives by Risk Category

NTD Millions

Year or Month	Interest Rate Contracts		Foreign Exchange Contracts		Equity-Linked Contracts		Commodity Contracts		Credit Contracts		Other Contracts		Total Contracts		
	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	OTC	Exchange-Traded	Total
2024 1	1,280,496	1,594,878	19,176,998	3,133	10,617	58,644	6,525	7,104	2,607	0	0	0	20,477,243	1,663,759	22,141,002
2	804,834	1,438,344	14,027,296	2,045	4,189	54,940	4,985	2,769	2,592	0	0	0	14,843,896	1,498,098	16,341,994
3	1,562,826	1,049,569	18,624,382	3,846	8,843	93,420	2,874	5,184	1,650	0	0	0	20,200,575	1,152,019	21,352,594
4	1,235,074	1,508,976	18,159,768	1,806	5,105	89,704	4,656	5,112	1,302	0	0	0	19,405,905	1,605,598	21,011,503
5	969,343	1,319,809	19,150,988	3,738	6,031	93,610	8,358	5,475	1,538	0	0	0	20,136,258	1,422,632	21,558,890
6	1,394,027	1,217,040	17,220,196	4,256	7,751	67,801	7,473	6,215	2,776	0	0	0	18,632,223	1,295,312	19,927,535
7	1,008,356	1,653,761	18,991,853	4,960	11,074	88,831	10,445	4,866	3,828	0	0	0	20,025,556	1,752,418	21,777,974
8	1,615,647	1,284,424	19,400,838	2,864	3,570	106,294	7,846	2,396	2,945	0	0	0	21,030,846	1,395,978	22,426,824
9	1,844,194	1,019,402	19,321,779	3,525	4,041	78,610	12,089	2,696	3,534	0	0	0	21,185,637	1,104,233	22,289,870
10	1,520,890	845,199	19,615,232	2,993	4,999	68,935	6,914	2,448	2,346	0	0	0	21,150,381	919,575	22,069,956
11	1,083,201	1,041,958	21,704,798	3,920	5,367	76,671	5,905	2,921	325	0	0	0	22,799,596	1,125,470	23,925,066
12	1,393,047	437,324	19,040,411	2,882	6,669	54,607	4,701	2,555	328	0	0	0	20,445,156	497,368	20,942,524
2025 1	1,429,704	721,806	17,748,360	4,585	7,873	66,163	3,663	1,755	4,497	0	0	0	19,194,097	794,309	19,988,406
2	1,672,189	1,087,908	19,663,175	2,858	7,583	92,165	4,446	2,915	1,485	0	0	0	21,348,878	1,185,846	22,534,724
3	2,089,081	1,083,172	21,795,573	1,439	4,415	105,921	8,441	2,720	1,712	0	0	0	23,899,222	1,193,252	25,092,474
4	1,777,299	1,463,822	18,925,141	8,151	1,490	93,300	9,161	3,255	3,610	0	0	0	20,716,701	1,568,528	22,285,229
5	1,336,674	797,417	17,436,689	4,827	4,061	74,736	10,809	5,793	2,684	0	0	0	18,790,917	882,773	19,673,690
6	1,469,338	932,343	17,636,593	4,847	7,093	67,011	9,938	5,597	0	0	0	0	19,122,962	1,009,798	20,132,760
7	1,420,684	1,217,882	20,465,054	30,031	8,739	83,842	10,829	4,064	0	0	0	0	21,905,306	1,335,819	23,241,125
8	1,532,817	914,548	20,521,728	4,710	12,447	78,630	8,860	2,465	529	0	0	0	22,076,381	1,000,353	23,076,734
9	1,768,870	946,287	21,638,393	4,350	11,536	72,545	6,799	7,479	305	0	0	0	23,425,903	1,030,661	24,456,564
10	1,732,695	784,932	19,146,739	3,912	13,704	90,800	12,222	16,191	1,247	0	0	0	20,906,607	895,835	21,802,442
11	2,290,004	678,615	17,793,137	3,376	6,736	102,778	10,996	8,602	2,416	0	0	0	20,103,289	793,371	20,896,660
12	1,825,074	598,488	18,088,113	3,356	7,320	93,381	8,594	2,435	440	0	0	0	19,929,541	697,660	20,627,201
2026 1	2,417,217	789,784	18,551,446	3,187	11,107	202,948	15,593	6,238	472	0	0	0	20,995,835	1,002,157	21,997,992
2	r 1,428,300	646,888	r 13,550,827	3,260	5,685	167,801	9,825	968	938	0	0	0	r 14,995,575	818,917	r 15,814,492
3	r 3,430,996	1,399,651	r 20,175,783	5,811	7,888	276,039	17,737	2,467	2,239	0	0	0	r 23,634,643	1,683,968	r 25,318,611
4	2,661,994	787,084	18,704,840	3,763	16,321	176,168	12,176	8,185	3,283	0	0	0	21,398,614	975,200	22,373,814
5	2,500,782	1,096,752	17,774,329	6,231	21,810	211,004	11,259	9,129	4,489	0	0	0	20,312,669	1,323,116	21,635,785
6	3,196,733	732,418	21,805,272	5,201	19,824	275,982	11,833	6,725	11,813	0	0	0	25,045,475	1,020,326	26,065,801
7	2,159,328	674,770	21,038,766	4,277	13,657	244,690	10,634	13,324	6,210	0	0	0	23,228,595	937,061	24,165,656
8	1,506,152	603,579	r 18,984,326	4,784	18,238	181,344	8,993	17,383	1,160	0	0	0	r 20.518,869	807,090	r 21,325,959
9	3,493,797	770,008	19,763,268	3,374	24,910	193,883	9,687	8,764	2,693	0	0	0	23,294,355	976,029	24,270,384

Notes:

1. All figures are adjusted for double-counting.
2. Interest rate contracts include single-currency contracts o
3. The data before Jan. 1998 are not available.
4. The statistic data of Credit contracts start from Jan. 2004.
5. The statistic data of Other contracts start from Jan. 2005.
6. Gold contracts are included in commodity contracts.
7. Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
1998	71	16,217	51,618	121,436	0	7,783	0	8,362	51,689	153,798	205,487
1999	300	65,170	89,098	56,167	0	9,591	0	10,499	89,398	141,427	230,825
2000	36,562	157,100	81,872	124,677	100	15,955	0	17,423	118,534	315,155	433,689
2000 1	0	1,535	8,665	3,630	0	214	0	245	8,665	5,624	14,289
2	0	6,454	4,104	12,700	0	3,475	0	3,445	4,104	26,074	30,178
3	0	4,386	15,921	2,278	0	263	0	263	15,921	7,190	23,111
4	919	2,989	5,652	1,644	100	3,439	0	3,439	6,671	11,511	18,182
5	0	9,755	6,408	15,030	0	5,550	0	5,550	6,408	35,885	42,293
6	250	16,277	6,650	6,942	0	0	0	86	6,900	23,305	30,205
7	2,900	4,660	3,600	11,561	0	335	0	365	6,500	16,921	23,421
8	3,350	10,366	9,268	8,279	0	1,864	0	2,040	12,618	22,549	35,167
9	18,043	3,372	5,600	8,393	0	0	0	166	23,643	11,931	35,574
10	1,400	25,555	7,150	17,727	0	0	0	227	8,550	43,509	52,059
11	2,450	35,561	6,040	11,297	0	660	0	1,244	8,490	48,762	57,252
12	7,250	36,190	2,814	25,196	0	155	0	353	10,064	61,894	71,958
2001 1	8,250	19,759	3,730	3,012	0	0	0	0	11,980	22,771	34,751
2	3,950	13,908	3,710	13,956	0	1,132	0	1,390	7,660	30,386	38,046
3	6,300	25,673	8,710	7,194	99	1,937	132	2,036	15,241	36,840	52,081
4	3,350	29,920	11,239	21,530	0	1,415	0	1,745	14,589	54,610	69,199
5	3,350	17,187	12,250	48,085	0	3,702	0	3,702	15,600	72,676	88,276
6	2,900	36,673	7,724	52,378	0	35	0	35	10,624	89,121	99,745
7	4,650	29,822	31,366	37,117	0	2,120	0	4,761	36,016	73,820	109,836
8	8,850	38,676	20,507	68,858	0	2,764	0	726	29,357	111,024	140,381
9	6,300	59,914	16,666	21,868	0	1,555	0	1,382	22,966	84,719	107,685
10	600	20,519	19,243	36,446	0	1,762	0	1,382	19,843	60,109	79,952
11	1,429	93,378	42,074	76,706	600	224	1,373	103	45,476	170,411	215,887
12	0	32,723	17,527	34,536	44	418	556	243	18,127	67,920	86,047
2002 1	3,300	87,968	69,932	58,515	0	9,591	583	9,413	73,815	165,487	239,302
2	1,642	53,533	29,483	19,818	0	3,266	138	2,978	31,263	79,595	110,858
3	3,050	115,838	56,036	75,396	0	4,779	0	4,190	59,086	200,203	259,289
4	9,600	58,614	91,288	71,888	14,950	11,566	0	11,549	115,838	153,617	269,455
5	10,800	63,238	167,148	32,646	27,225	11,163	27,700	11,506	232,873	118,553	351,426
6	3,950	103,106	50,393	52,202	10,000	2,792	1,151	3,460	65,494	161,560	227,054
7	1,100	141,363	66,758	76,403	14,350	3,325	1,309	2,701	83,517	223,792	307,309
8	5,500	132,393	71,730	61,772	17,870	2,646	373	5,262	95,473	202,073	297,546
9	9,300	101,263	48,208	51,749	9,497	1,055	2,920	1,177	69,925	155,244	225,169
10	7,800	84,722	77,870	74,994	15,025	11,308	1,271	1,943	101,966	172,967	274,933
11	1,000	9,051	121,323	97,530	10,555	35,370	24,319	2,141	157,197	144,092	301,289
12	2,000	36,640	48,910	66,296	5,510	6,041	400	2,740	56,820	111,717	168,537

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2003 1	9,000	25,610	124,413	61,809	11,055	16,952	10,200	867	154,668	105,238	259,906
2	3,500	27,412	107,851	61,169	20,903	21,373	14,585	943	146,839	110,897	257,736
3	15,300	99,415	92,289	106,701	10,900	4,919	9,550	1,769	128,039	212,804	340,843
4	4,700	45,140	133,612	115,253	11,408	42,212	46,300	3,431	196,020	206,036	402,056
5	2,000	55,925	65,060	121,690	9,250	10,262	15,080	2,782	91,390	190,659	282,049
6	1,000	99,899	107,995	121,646	3,569	13,240	3,875	4,684	116,439	239,469	355,908
7	0	40,878	194,680	106,893	33,148	18,503	26,900	13,083	254,728	179,357	434,085
8	4,000	60,310	212,934	129,807	23,902	19,388	26,227	21,059	267,063	230,564	497,627
9	3,000	72,288	129,185	111,766	15,231	23,186	5,542	3,590	152,958	210,830	363,788
10	2,500	50,121	124,250	89,466	15,350	13,638	1,646	8,546	143,746	161,771	305,517
11	0	55,132	129,272	97,871	10,200	5,502	3,195	4,070	142,667	162,575	305,242
12	0	22,766	82,391	115,569	9,430	5,302	1,625	3,330	93,446	146,967	240,413
2004 1	0	13,857	96,531	142,705	16,975	5,679	4,441	117,417	117,947	279,658	397,605
2	2,000	15,471	174,815	211,721	39,194	35,080	6,602	55,146	222,611	317,418	540,029
3	1,000	27,650	150,170	270,192	20,363	11,039	4,415	36,245	175,948	345,126	521,074
4	0	41,051	278,911	273,208	30,574	187,524	5,056	393,685	314,541	895,468	1,210,009
5	5,000	28,518	278,859	257,427	23,100	105,926	5,113	78,310	312,072	470,181	782,253
6	2,850	67,033	239,284	227,483	6,877	44,807	5,670	33,127	254,681	372,450	627,131
7	5,100	56,571	215,042	142,329	15,905	4,088	10,761	30,385	246,808	233,373	480,181
8	2,600	47,844	163,038	133,477	13,793	7,151	3,636	50,448	183,067	238,920	421,987
9	21,050	138,074	146,670	176,730	31,746	33,112	39,551	40,593	239,017	388,509	627,526
10	9,417	31,095	162,472	139,052	36,806	4,569	14,332	16,323	223,027	191,039	414,066
11	7,600	111,264	163,910	221,330	44,985	77,410	21,927	61,685	238,422	471,689	710,111
12	600	85,702	116,721	304,783	34,619	45,488	31,127	25,313	183,067	461,286	644,353
2005 1	11,228	76,609	188,792	167,363	54,725	9,963	36,996	45,304	291,741	299,239	590,980
2	4,487	46,605	142,787	67,091	40,735	8,093	33,967	20,037	221,976	141,826	363,802
3	4,095	50,094	348,964	359,916	105,913	35,524	52,861	91,574	511,833	537,108	1,048,941
4	997	3,128	196,755	262,132	39,408	17,084	27,616	47,496	264,776	329,840	594,616
5	23,589	53,944	254,962	274,508	44,667	13,551	31,645	59,051	354,863	401,054	755,917
6	105	43,938	381,081	276,243	101,991	43,396	122,952	73,955	606,129	437,532	1,043,661
7	0	48,473	284,749	212,060	74,211	23,454	64,489	8,878	423,449	292,865	716,314
8	0	8,845	288,424	192,658	78,267	51,884	67,739	17,059	434,430	270,446	704,876
9	8,103	124,777	352,925	238,979	109,118	51,940	93,834	22,689	563,980	438,385	1,002,365
10	29,112	106,046	241,923	203,191	110,436	23,336	78,841	25,237	460,312	357,810	818,122
11	91	164,903	403,960	166,268	90,872	4,076	61,052	33,031	555,975	368,278	924,253
12	15	90,667	193,604	147,751	83,597	13,128	59,699	22,489	336,915	274,035	610,950

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2006 1	32,000	47,343	386,549	162,889	96,498	23,297	95,233	42,053	610,280	275,582	885,862
2	52,000	74,807	416,215	175,732	161,559	8,382	156,806	38,169	786,580	297,090	1,083,670
3	31,500	116,861	462,042	362,777	130,110	7,354	104,013	25,098	727,665	512,090	1,239,755
4	16,000	36,781	531,515	168,175	113,513	11,856	100,597	14,216	761,625	231,028	992,653
5	60,000	179,479	680,286	140,821	96,487	3,917	101,964	17,693	938,737	341,910	1,280,647
6	30,000	95,350	480,600	286,107	146,980	15,097	166,276	5,870	823,856	402,424	1,226,280
7	3,000	110,716	382,427	193,353	131,652	3,898	111,209	5,563	628,288	313,530	941,818
8	1,000	47,714	395,841	195,164	76,269	18,587	76,129	44,306	549,239	305,771	855,010
9	0	56,598	486,925	103,555	114,994	20,553	113,718	4,131	715,637	184,837	900,474
10	0	18,293	344,223	142,977	93,990	14,760	94,661	2,023	532,874	178,053	710,927
11	2,000	16,216	436,307	135,401	98,782	6,898	104,279	13,251	641,368	171,766	813,134
12	20,001	3,912	195,927	183,392	86,141	32,514	94,947	10,020	397,016	229,838	626,854
2007 1	0	9,555	308,969	239,117	99,731	14,179	134,084	7,732	542,784	270,583	813,367
2	0	3,295	183,247	186,667	82,884	3,271	97,184	9,858	363,315	203,091	566,406
3	0	24,817	325,920	372,632	94,192	15,777	107,704	42,964	527,816	456,190	984,006
4	0	7,321	520,453	185,667	115,426	9,907	125,990	16,336	761,869	219,231	981,100
5	5,000	14,547	900,674	181,311	265,656	1,124	311,129	34,382	1,482,459	231,364	1,713,823
6	8,000	0	931,283	386,852	119,608	21,277	106,360	40,710	1,165,251	448,839	1,614,090
7	0	75,124	670,001	183,072	100,745	9,859	104,505	45,938	875,251	313,993	1,189,244
8	0	79,635	667,139	458,685	123,875	39,645	113,187	39,609	904,201	617,574	1,521,775
9	50,000	9,140	300,399	114,761	96,958	16,619	115,901	58,296	563,258	198,816	762,074
10	0	27,386	352,222	225,226	90,442	19,452	115,544	35,242	558,208	307,306	865,514
11	500	120,968	410,212	350,828	55,142	39,044	63,041	16,531	528,895	527,371	1,056,266
12	0	51,259	192,701	169,002	48,546	27,121	58,103	7,755	299,350	255,137	554,487
2008 1	0	109,398	554,180	381,373	108,458	48,933	108,994	10,830	771,632	550,534	1,322,166
2	5,500	140,382	442,461	552,905	28,224	324	28,453	13,554	504,638	707,165	1,211,803
3	0	15,202	432,330	1,006,586	52,211	66,121	60,365	21,958	544,906	1,109,867	1,654,773
4	0	37,147	533,206	371,427	78,270	6,078	80,744	10,644	692,220	425,296	1,117,516
5	0	34,215	524,871	354,164	39,544	12,072	44,350	9,102	608,765	409,553	1,018,318
6	0	21,855	696,550	397,319	39,000	285	36,902	16,870	772,452	436,329	1,208,781
7	61	21,413	408,045	531,622	55,048	256	53,568	6,637	516,722	559,928	1,076,650
8	1,500	11,347	442,935	428,034	19,939	3,320	18,198	5,326	482,572	448,027	930,599
9	309	28,598	500,737	615,508	32,160	18,097	27,574	2,397	560,780	664,600	1,225,380
10	900	65,663	325,927	351,195	37,742	19,797	34,500	330	399,069	436,985	836,054
11	0	48,944	226,351	474,543	43,498	33	47,261	2,014	317,110	525,534	842,644
12	106	62,101	185,820	1,009,431	25,762	1,304	55,375	0	267,063	1,072,836	1,339,899

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2009 1	0	57,205	364,040	1,145,341	15,204	15,094	13,611	760	392,855	1,218,400	1,611,255
2	0	17,475	399,776	1,552,723	28,612	15,424	25,397	1,746	453,785	1,587,368	2,041,153
3	0	24,759	444,080	1,738,332	43,878	19,205	38,457	2,298	526,415	1,784,594	2,311,009
4	0	18,767	472,120	1,554,610	14,829	0	17,607	1,879	504,556	1,575,256	2,079,812
5	0	27,426	355,228	1,657,452	13,189	784	15,786	2,295	384,203	1,687,957	2,072,160
6	0	33,476	492,289	1,975,621	30,983	6,027	25,769	897	549,041	2,016,021	2,565,062
7	0	0	458,991	1,954,064	33,960	4,529	39,003	5,510	531,954	1,964,103	2,496,057
8	0	5,268	541,162	2,155,477	32,108	14,223	22,910	853	596,180	2,175,821	2,772,001
9	0	6,440	559,031	1,095,779	22,175	21,229	25,135	213	606,341	1,123,661	1,730,002
10	0	0	623,000	309,240	26,591	9,275	26,143	2,371	675,734	320,886	996,620
11	0	0	406,273	182,773	14,129	16,604	13,075	959	433,477	200,336	633,813
12	0	0	329,661	233,673	17,540	10,988	14,170	11,692	361,371	256,353	617,724
2010 1	10,350	0	768,774	724,293	30,765	24,502	29,228	14,456	839,117	763,251	1,602,368
2	4,200	1,106	270,998	691,288	50,072	20,963	45,052	14,251	370,322	727,608	1,097,930
3	7,000	954	710,409	507,437	59,894	3,337	53,308	4,687	830,611	516,415	1,347,026
4	1,157	471	500,599	488,733	33,422	0	27,619	3,140	562,797	492,344	1,055,141
5	0	8,023	566,974	377,057	41,676	48,481	34,230	8,551	642,880	442,112	1,084,992
6	12,911	3,220	443,199	342,115	38,011	11,884	39,512	483	533,633	357,702	891,335
7	0	0	415,233	173,995	19,315	0	21,170	6,071	455,718	180,066	635,784
8	0	0	444,021	253,737	36,404	6	28,046	10,165	508,471	263,908	772,379
9	0	400	387,859	146,825	25,582	71	23,483	1,005	436,924	148,301	585,225
10	0	12,313	366,925	98,805	24,169	404	25,243	18,158	416,337	129,680	546,017
11	0	0	307,450	135,663	17,452	0	9,489	2,074	334,391	137,737	472,128
12	0	0	237,448	67,974	12,201	0	21,322	489	270,971	68,463	339,434
2011 1	0	0	324,929	248,702	22,283	2,260	25,875	9,258	373,087	260,220	633,307
2	0	0	453,287	431,918	22,464	427	25,174	5,606	500,925	437,951	938,876
3	0	0	482,047	202,775	41,611	402	35,114	6,699	558,772	209,876	768,648
4	0	0	278,157	85,242	11,188	7,467	11,163	7,371	300,508	100,080	400,588
5	0	0	381,314	159,455	14,236	140	14,446	2,773	409,996	162,368	572,364
6	0	15,568	443,848	388,779	11,197	158	11,969	17,943	467,014	422,448	889,462
7	300	0	304,980	237,122	13,773	4,182	16,697	9,298	335,750	250,602	586,352
8	0	0	483,731	207,908	5,688	0	8,871	5,574	498,290	213,482	711,772
9	0	3,048	203,205	60,230	4,179	84	7,093	3,560	214,477	66,922	281,399
10	0	0	191,800	79,080	4,408	1,250	7,140	7,242	203,348	87,572	290,920
11	0	0	166,689	45,025	7,322	871	7,383	5,974	181,394	51,870	233,264
12	130	16,951	227,677	80,287	7,384	73	6,871	5,873	242,062	103,184	345,246

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2012 1	0	0	385,218	116,173	3,747	3,520	3,348	20,439	392,313	140,132	532,445
2	0	11,748	465,680	96,711	8,732	2,942	8,154	5,069	482,566	116,470	599,036
3	0	0	289,650	260,622	14,533	615	11,649	8,023	315,832	269,260	585,092
4	0	0	393,843	91,355	9,751	0	10,163	12,883	413,757	104,238	517,995
5	0	0	309,795	113,322	4,338	0	6,582	9,083	320,715	122,405	443,120
6	0	149	243,349	92,572	10,857	0	3,972	7,386	258,178	100,107	358,285
7	0	0	240,685	110,817	11,780	1,053	9,065	14,096	261,530	125,966	387,496
8	0	0	95,086	93,971	7,048	943	9,389	9,404	111,523	104,318	215,841
9	0	0	84,706	79,236	10,111	95	2,114	6,375	96,931	85,706	182,637
10	574	0	71,392	95,094	10,687	527	4,683	9,115	87,336	104,736	192,072
11	0	0	66,893	87,125	1,592	0	2,189	8,849	70,674	95,974	166,648
12	0	0	59,510	90,517	1,063	0	3,442	6,364	64,015	96,881	160,896
2013 1	239	532	212,604	106,178	1,837	7,429	3,514	17,199	218,194	131,338	349,532
2	0	0	57,131	43,973	1,022	0	935	6,731	59,088	50,704	109,792
3	0	0	167,377	47,725	3,000	99	4,280	10,442	174,657	58,266	232,923
4	0	0	146,665	62,505	7,600	1,344	3,969	7,305	158,234	71,154	229,388
5	518	150	187,155	69,105	3,614	34	5,812	15,917	197,099	85,206	282,305
6	0	0	215,460	56,604	4,973	92	7,329	2,899	227,762	59,595	287,357
7	0	0	148,074	53,921	1,867	435	4,780	6,404	154,721	60,760	215,481
8	0	0	140,289	48,799	2,147	0	5,041	5,752	147,477	54,551	202,028
9	0	0	124,054	48,536	269	0	2,057	3,519	126,380	52,055	178,435
10	0	0	80,789	40,785	4,110	6,024	1,782	1,457	86,681	48,266	134,947
11	0	0	64,292	34,082	11,015	812	3,511	3,681	78,818	38,575	117,393
12	0	0	46,631	30,774	3,640	748	3,537	3,427	53,808	34,949	88,757
2014 1	0	0	121,106	52,985	1,352	720	3,061	2,694	125,519	56,399	181,918
2	0	0	92,818	34,338	692	152	1,279	2,289	94,789	36,779	131,568
3	0	0	103,412	47,788	1,187	0	2,837	6,012	107,436	53,800	161,236
4	7,238	657	77,891	60,828	1,343	877	2,789	1,825	89,261	64,187	153,448
5	0	0	84,611	55,402	933	0	2,990	2,623	88,534	58,025	146,559
6	0	0	115,188	56,257	804	0	3,098	3,577	119,090	59,834	178,924
7	0	0	82,665	29,030	3,123	0	5,487	962	91,275	29,992	121,267
8	0	0	87,556	70,587	8,547	0	15,968	1,722	112,071	72,309	184,380
9	0	0	92,993	64,156	1,091	0	4,357	1,297	98,441	65,453	163,894
10	0	0	58,389	65,252	1,105	0	3,615	12,423	63,109	77,675	140,784
11	0	0	20,270	152,545	730	0	1,798	8,400	22,798	160,945	183,743
12	0	0	56,143	74,025	680	6	1,857	5,045	58,680	79,076	137,756

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2015 1	0	0	92,495	113,046	943	0	4,153	3,233	97,591	116,279	213,870
2	0	0	47,608	42,863	1,004	0	2,354	1,764	50,966	44,627	95,593
3	0	0	103,537	50,461	521	44	2,269	21,041	106,327	71,546	177,873
4	0	0	57,305	35,196	581	0	2,063	4,461	59,949	39,657	99,606
5	0	0	213,551	107,525	2,199	0	3,638	5,064	219,388	112,589	331,977
6	0	0	161,784	41,985	1,258	49	3,660	1,813	166,702	43,847	210,549
7	0	0	148,262	116,454	1,033	0	2,785	8,482	152,080	124,936	277,016
8	0	65,616	265,447	182,132	1,792	56	4,445	6,320	271,684	254,124	525,808
9	0	918	214,831	62,111	298	1,754	2,650	3,557	217,779	68,340	286,119
10	0	0	209,020	96,544	895	207	2,959	1,455	212,874	98,206	311,080
11	0	0	225,179	111,736	1,429	105	3,833	1,612	230,441	113,453	343,894
12	0	0	254,019	80,853	366	71	2,898	1,063	257,283	81,987	339,270
2016 1	0	0	261,512	150,642	495	856	1,536	7,118	263,543	158,616	422,159
2	0	0	220,906	69,270	302	837	1,571	5,012	222,779	75,119	297,898
3	500	0	707,561	74,492	15,353	1,845	18,130	6,374	741,544	82,711	824,255
4	0	0	230,447	107,065	2,581	1,845	4,689	23,847	237,717	132,757	370,474
5	0	0	321,992	143,025	1,874	2,993	3,856	7,947	327,722	153,965	481,687
6	0	0	261,512	150,642	495	856	1,536	7,118	263,543	158,616	422,159
7	0	0	255,161	107,468	1,756	1,910	5,919	7,457	262,836	116,835	379,671
8	0	0	185,638	140,735	304	2,410	2,938	7,597	188,880	150,742	339,622
9	0	0	238,941	57,552	1,782	16	4,142	5,039	244,865	62,607	307,472
10	0	0	225,600	108,629	280	0	1,199	13,631	227,079	122,260	349,339
11	0	0	281,941	148,200	1,272	23,663	1,611	27,113	284,824	198,976	483,800
12	0	3,868	143,382	132,035	2,353	5,810	3,128	1,008	148,863	142,721	291,584
2017 1	0	0	143,607	154,757	-	94	672	36,407	144,279	191,258	335,537
2	0	0	184,304	136,104	1,750	0	2,302	26,668	188,356	162,772	351,128
3	0	0	284,823	182,744	650	0	1,142	53,907	286,615	236,651	523,266
4	0	0	132,873	78,717	-	0	523	9,989	133,396	88,706	222,102
5	0	0	140,518	94,469	-	0	353	24,307	140,871	118,776	259,647
6	0	0	188,668	139,944	-	517	1,155	14,065	189,823	154,526	344,349
7	0	0	86,425	89,858	-	0	600	13,240	87,025	103,098	190,123
8	0	0	82,394	93,910	-	15	924	1,188	83,318	95,113	178,431
9	0	0	123,506	164,181	-	3,636	386	32,732	123,892	200,549	324,441
10	0	0	185,303	152,727	1,000	0	1,202	79,046	187,505	231,773	419,278
11	0	0	139,226	95,589	5,976	3,181	19,127	11,132	164,329	109,902	274,231
12	0	0	173,536	118,027	-	299	706	35,818	174,242	154,144	328,386

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2018 1	0	0	535,857	286,138	1,000	159	3,010	182,728	539,867	469,025	1,008,892
2	0	0	159,252	176,605	-	4,963	969	157,875	160,221	339,443	499,664
3	0	0	351,352	204,244	50	59,553	1,760	101,944	353,162	365,741	718,903
4	0	0	275,704	174,883	-	164	1,159	45,198	276,863	220,245	497,108
5	0	0	348,991	240,022	500	11,289	1,858	25,851	351,349	277,162	628,511
6	0	0	344,169	199,451	15	3,443	1,969	2,505	346,153	205,399	551,552
7	0	0	175,827	136,132	-	292	1,276	5,620	177,103	142,044	319,147
8	0	0	281,660	138,317	150	290	1,163	3,415	282,973	142,022	424,995
9	0	0	238,980	164,829	1,000	2,841	855	26,450	240,835	194,120	434,955
10	0	0	356,686	170,967	1,000	187	8,161	68,894	365,847	240,048	605,895
11	0	0	527,579	243,821	1,003	1,012	1,019	22,083	529,601	266,916	796,517
12	3,200	0	232,982	238,689	250	17,774	1,450	21,386	237,882	277,849	515,731
2019 1	0	0	606,407	276,145	1,500	331	853	3,382	608,760	279,858	888,618
2	0	0	342,140	81,971	1,250	4,978	364	1,115	343,754	88,064	431,818
3	0	0	470,742	257,610	875	7,410	2,624	2,692	474,241	267,712	741,953
4	0	0	413,966	113,367	2,325	12,417	657	9,707	416,948	135,491	552,439
5	0	0	536,559	196,939	12,450	34,120	14,049	24,459	563,058	255,518	818,576
6	0	0	482,889	186,559	1,250	87,044	234	673	484,373	274,276	758,649
7	0	0	349,036	347,303	20	43,432	485	1,500	349,541	392,235	741,776
8	0	0	440,163	270,876	500	18,538	547	9,234	441,210	298,648	739,858
9	0	0	379,051	153,695	3,000	38,335	4,251	8,990	386,302	201,020	587,322
10	0	0	451,883	119,336	5,088	136	2,527	5,236	459,498	124,708	584,206
11	0	0	412,518	90,697	7,100	96	1,090	44,653	420,708	135,446	556,154
12	0	0	196,674	98,321	1,500	36	472	26,879	198,646	125,236	323,882
2020 1	0	0	362,318	106,934	7,789	6,104	2,908	384	373,015	113,422	486,437
2	0	0	472,185	171,701	3,125	15,601	1,181	900	476,491	188,202	664,693
3	0	0	726,579	517,238	4,500	58,319	2,346	5,572	733,425	581,129	1,314,554
4	0	0	270,342	177,088	1,750	17,907	854	533	272,946	195,528	468,474
5	0	0	269,429	68,620	4,300	7,208	2,291	4,411	276,020	80,239	356,259
6	0	8,888	300,033	76,130	6,250	5,935	13,466	14,134	319,749	105,087	424,836
7	0	13,866	289,924	67,649	6,000	0	956	11,723	296,880	93,238	390,118
8	0	9,153	282,479	94,696	9,300	10,046	13,950	8,735	305,729	122,630	428,359
9	0	9,204	209,641	72,303	3,580	291	4,107	10,300	217,328	92,098	309,426
10	0	5,553	225,899	111,629	2,750	16,922	2,190	49,952	230,839	184,056	414,895
11	0	0	267,176	50,689	2,502	7,494	2,484	5,690	272,162	63,873	336,035
12	0	0	223,859	39,684	4,250	21,838	4,126	2,435	232,235	63,957	296,192

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2021 1	0	0	340,682	144,264	4,550	22,499	4,171	7,356	349,403	174,119	523,522
2	0	11,330	298,624	130,117	3,000	24,178	977	8,844	302,601	174,469	477,070
3	0	22,405	426,490	125,187	6,685	10,129	2,197	2,709	435,372	160,430	595,802
4	0	0	215,470	134,399	13,250	6,567	7,108	15,226	235,828	156,192	392,020
5	0	0	209,013	76,060	13,096	5,080	9,492	3,989	231,601	85,129	316,730
6	0	0	257,944	134,648	14,783	2,730	8,341	17,980	281,068	155,358	436,426
7	0	0	243,861	96,796	21,000	565	10,440	8,966	275,301	106,327	381,628
8	0	0	182,734	196,732	22,842	831	12,367	12,932	217,943	210,495	428,438
9	0	0	254,865	244,684	21,505	991	19,924	7,475	296,294	253,150	549,444
10	0	0	538,683	558,396	17,650	37,720	10,071	68,132	566,404	664,248	1,230,652
11	0	0	325,099	205,287	13,325	2,347	7,913	12,312	346,337	219,946	566,283
12	0	0	200,103	173,769	2,765	1,615	4,658	35,277	207,526	210,661	418,187
2022 1	0	0	414,409	238,546	11,900	8,866	7,282	23,732	433,591	271,144	704,735
2	0	0	405,543	170,753	12,545	16,998	6,706	42,298	424,794	230,049	654,843
3	0	0	869,596	535,306	24,575	9,374	15,554	27,288	909,725	571,968	1,481,693
4	0	0	576,643	235,583	24,700	16,873	22,523	22,348	623,866	274,804	898,670
5	0	0	409,828	99,806	2,740	7,882	4,023	9,394	416,591	117,082	533,673
6	0	0	630,421	282,713	4,250	28,762	4,164	10,512	638,835	321,987	960,822
7	0	0	649,477	107,809	12,530	21,927	7,633	23,007	669,640	152,743	822,383
8	0	0	419,812	200,360	14,182	22,035	5,297	42,672	439,291	265,067	704,358
9	0	0	598,519	253,984	2,782	11,916	3,570	14,298	604,871	280,198	885,069
10	0	0	301,177	202,316	5,501	16,683	8,379	23,012	315,057	242,011	557,068
11	0	0	350,299	174,864	9,631	8,219	21,992	10,476	381,922	193,559	575,481
12	0	0	326,469	182,879	2,200	8,310	2,609	9,352	331,278	200,541	531,819
2023 1	0	0	185,893	115,611	1,060	14,402	1,626	17,489	188,579	147,502	336,081
2	0	0	405,821	206,722	3,750	10,398	2,500	20,502	412,071	237,622	649,693
3	0	0	650,515	503,057	4,000	8,313	11,870	15,676	666,385	527,046	1,193,431
4	0	0	256,865	185,737	3,370	6,632	2,581	8,585	262,816	200,954	463,770
5	0	0	598,731	230,201	8,150	5,564	11,311	7,576	618,192	243,341	861,533
6	0	0	433,769	277,910	7,440	9,541	7,574	32,516	448,783	319,967	768,750
7	0	0	314,336	200,871	3,250	6,111	4,212	7,807	321,798	214,789	536,587
8	0	0	419,046	128,697	2,092	6,070	4,122	14,280	425,260	149,047	574,307
9	0	0	588,278	148,849	1,575	4,297	2,083	6,049	591,936	159,195	751,131
10	0	0	476,297	161,395	75	4,363	2,564	7,257	478,936	173,015	651,951
11	0	0	696,122	169,021	3,455	17,144	5,015	28,250	704,592	214,415	919,007
12	0	0	652,497	146,117	70	4,040	2,233	3,616	654,800	153,773	808,573

Notional Amounts Turnover of OTC Single-Currency Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2024 1	0	0	944,528	305,405	6,030	8,139	4,588	11,806	955,146	325,350	1,280,496
2	0	0	478,124	297,039	4,000	4,298	3,169	18,204	485,293	319,541	804,834
3	0	0	1,356,274	181,146	9,000	4,263	5,890	6,253	1,371,164	191,662	1,562,826
4	0	0	896,417	316,432	5,920	5,523	3,358	7,424	905,695	329,379	1,235,074
5	0	0	781,048	156,080	6,820	6,795	5,956	12,644	793,824	175,519	969,343
6	0	0	1,215,286	160,196	1,176	9,141	2,582	5,646	1,219,044	174,983	1,394,027
7	0	0	762,534	208,250	4,892	9,046	3,367	20,267	770,793	237,563	1,008,356
8	0	0	1,307,394	278,599	2,871	5,888	5,532	15,363	1,315,797	299,850	1,615,647
9	0	0	1,482,970	332,066	3,575	3,434	3,892	18,257	1,490,437	353,757	1,844,194
10	0	0	1,185,655	310,715	2,575	4,600	9,859	7,486	1,198,089	322,801	1,520,890
11	0	0	783,233	265,151	9,091	3,505	10,384	11,837	802,708	280,493	1,083,201
12	0	0	1,216,188	163,933	3,488	2,921	3,420	3,097	1,223,096	169,951	1,393,047
2025 1	0	0	1,133,648	269,290	4,818	10,382	3,867	7,699	1,142,333	287,371	1,429,704
2	0	0	1,319,843	285,836	23,335	5,472	21,276	16,427	1,364,454	307,735	1,672,189
3	0	0	1,647,271	404,652	3,648	8,338	6,647	18,525	1,657,566	431,515	2,089,081
4	0	0	1,366,009	369,808	8,268	9,923	4,612	18,679	1,378,889	398,410	1,777,299
5	0	0	1,121,727	188,689	5,501	8,123	4,462	8,172	1,131,690	204,984	1,336,674
6	0	0	1,256,572	177,293	1,451	11,350	3,487	19,185	1,261,510	207,828	1,469,338
7	0	0	1,158,624	223,728	6,634	12,580	5,684	13,434	1,170,942	249,742	1,420,684
8	0	0	1,142,869	354,439	5,324	12,287	3,503	14,395	1,151,696	381,121	1,532,817
9	0	0	1,249,903	465,635	4,866	19,443	4,502	24,521	1,259,271	509,599	1,768,870
10	0	0	1,190,044	492,567	2,995	12,126	2,333	32,630	1,195,372	537,323	1,732,695
11	0	0	1,873,293	387,695	2,921	9,501	3,660	12,934	1,879,874	410,130	2,290,004
12	0	0	1,569,439	196,469	6,589	19,937	7,402	25,238	1,583,430	241,644	1,825,074
2026 1	0	0	1,943,297	346,233	13,846	50,874	9,367	53,600	1,966,510	450,707	2,417,217
2	0	0	r 1,100,209	193,283	r 6,688	r 64,706	5,720	r 57,694	r 1,112,617	r 315,683	r 1,428,300
3	0	0	r 2,858,385	477,368	r 22,248	22,412	19,441	r 31,142	r 2,900,074	r 530,922	r 3,430,996
4	0	0	2,206,162	294,762	10,650	65,011	10,922	74,487	2,227,734	434,260	2,661,994
5	0	0	1,984,445	338,596	27,558	101,560	27,229	21,394	2,039,232	461,550	2,500,782
6	0	0	2,510,086	502,751	21,703	67,699	9,428	85,066	2,541,217	655,516	3,196,733
7	0	0	1,480,603	528,173	10,314	112,817	12,867	14,554	1,503,784	655,544	2,159,328
8	0	0	1,087,799	346,202	2,870	44,195	9,247	15,839	1,099,916	406,236	1,506,152
9	0	0	2,832,623	542,788	5,844	86,625	9,004	16,913	2,847,471	646,326	3,493,797

Notes:

1. All figures are adjusted for double-counting.
2. The data before Jan. 1998 are not available.
3. Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
1998	0	19,148	0	20,654	0	13,612	0	13,612	0	67,026	67,026
1999	0	2,597	0	2,597	0	0	0	0	0	5,194	5,194
2000	0	2,397	0	2,400	0	0	0	0	0	4,797	4,797
2000 1	0	253	0	253	0	0	0	0	0	506	506
2	0	58	0	58	0	0	0	0	0	116	116
3	0	0	0	0	0	0	0	0	0	0	0
4	0	29	0	29	0	0	0	0	0	58	58
5	0	84	0	99	0	0	0	0	0	183	183
6	0	29	0	15	0	0	0	0	0	44	44
7	0	359	0	388	0	0	0	0	0	747	747
8	0	281	0	253	0	0	0	0	0	534	534
9	0	570	0	570	0	0	0	0	0	1,140	1,140
10	0	386	0	386	0	0	0	0	0	772	772
11	0	172	0	202	0	0	0	0	0	374	374
12	0	176	0	147	0	0	0	0	0	323	323
2001 1	0	62	0	0	0	0	0	0	0	62	62
2	0	0	0	0	0	0	0	0	0	0	0
3	0	26	0	0	0	0	0	0	0	26	26
4	0	167	0	105	0	0	0	0	0	272	272
5	0	268	0	422	0	0	0	0	0	690	690
6	0	63	0	689	0	0	0	0	0	752	752
7	20	102	0	109	0	0	0	0	20	211	231
8	72	126	104	119	0	0	0	0	176	245	421
9	0	230	0	90	0	0	0	0	0	320	320
10	0	11,980	0	21,267	0	0	0	0	0	33,247	33,247
11	0	5,924	0	4,890	0	0	0	0	0	10,814	10,814
12	0	28	0	28	0	0	0	0	0	56	56
2002 1	0	12,940	0	1,921	0	0	0	0	0	14,861	14,861
2	0	61	0	61	0	0	0	0	0	122	122
3	0	149	0	1,785	0	0	0	0	0	1,934	1,934
4	0	2,854	0	4,136	0	0	0	0	0	6,990	6,990
5	0	701	0	7,312	0	0	0	0	0	8,013	8,013
6	0	6,370	0	4,327	0	0	0	0	0	10,697	10,697
7	0	54,637	0	50,383	0	0	0	0	0	105,020	105,020
8	0	55,801	0	48,305	0	0	0	0	0	104,106	104,106
9	0	38,125	0	34,001	0	0	0	0	0	72,126	72,126
10	0	36,857	0	41,583	0	0	0	0	0	78,440	78,440
11	0	11,706	0	8,976	0	0	0	0	0	20,682	20,682

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
12	0	6,870	0	12,717	0	0	0	0	0	19,587	19,587
2003 1	0	22,415	0	20,506	0	0	0	0	0	42,921	42,921
2	0	27,117	0	8,180	0	0	0	0	0	35,297	35,297
3	0	75,146	0	66,435	0	0	0	0	0	141,581	141,581
4	0	67,621	0	85,365	0	0	0	0	0	152,986	152,986
5	0	62,813	0	46,324	0	0	0	0	0	109,137	109,137
6	0	29,384	0	47,731	0	0	0	0	0	77,115	77,115
7	0	31,477	0	47,559	0	0	0	0	0	79,036	79,036
8	0	76,834	0	81,247	0	0	0	0	0	158,081	158,081
9	0	36,271	0	38,993	0	0	0	0	0	75,264	75,264
10	0	33,729	0	34,099	0	0	0	0	0	67,828	67,828
11	0	8,782	0	28,245	0	0	0	0	0	37,027	37,027
12	0	31,058	0	13,032	0	0	0	0	0	44,090	44,090
2004 1	0	19,647	0	21,285	0	0	0	0	0	40,932	40,932
2	15	6,181	0	22,868	0	0	0	0	15	29,049	29,064
3	83	9,303	98	27,866	0	0	0	0	181	37,169	37,350
4	267	15,028	400	11,889	0	0	0	0	667	26,917	27,584
5	3,317	27,771	765	26,636	0	33	0	67	4,082	54,507	58,589
6	42,945	25,250	73,578	15,434	0	0	0	0	116,523	40,684	157,207
7	51,192	50,384	74,483	30,699	0	0	0	0	125,675	81,083	206,758
8	119,547	40,252	203,164	17,223	0	0	0	0	322,711	57,475	380,186
9	46,945	54,529	46,803	44,140	0	0	0	0	93,748	98,669	192,417
10	335	35,427	350	26,852	0	0	0	0	685	62,279	62,964
11	220	27,639	451	27,482	0	0	0	0	671	55,121	55,792
12	85	35,626	85	20,621	0	0	0	0	170	56,247	56,417
2005 1	203	38,255	45	23,710	0	127	0	127	248	62,219	62,467
2	0	35,563	5	11,731	0	0	0	0	5	47,294	47,299
3	195	59,174	150	41,756	0	0	0	0	345	100,930	101,275
4	0	55,067	90	27,506	0	314	0	314	90	83,201	83,291
5	35	41,308	52	21,416	0	125	0	251	87	63,100	63,187
6	15	120,605	5	49,059	0	0	0	0	20	169,664	169,684
7	0	97,757	5	43,828	0	0	0	0	5	141,585	141,590
8	0	84,965	0	71,240	0	98	0	196	0	156,499	156,499
9	0	113,647	0	66,806	0	66	0	133	0	180,652	180,652
10	0	114,136	0	55,146	0	0	0	0	0	169,282	169,282
11	0	107,690	0	57,576	0	0	0	0	0	165,266	165,266
12	0	112,141	0	36,588	0	0	0	0	0	148,729	148,729

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2006 1	0	77,742	0	44,139	0	64	0	128	0	122,073	122,073
2	0	92,246	0	20,474	0	0	0	0	0	112,720	112,720
3	0	133,296	0	67,924	0	65	0	130	0	201,415	201,415
4	0	99,812	0	104,089	0	64	0	128	0	204,093	204,093
5	0	119,856	0	152,008	0	96	0	192	0	272,152	272,152
6	0	114,759	0	96,825	0	0	0	0	0	211,584	211,584
7	0	112,612	0	42,400	0	0	0	0	0	155,012	155,012
8	0	173,981	0	155,662	0	0	0	0	0	329,643	329,643
9	0	159,774	0	125,666	0	0	0	0	0	285,440	285,440
10	20	114,960	112	92,911	0	0	0	0	132	207,871	208,003
11	1,012	192,175	1,016	137,610	0	0	0	0	2,028	329,785	331,813
12	551	113,857	629	131,960	0	0	0	0	1,180	245,817	246,997
2007 1	0	314,330	50	324,704	0	0	0	0	50	639,034	639,084
2	0	462,816	0	444,030	0	0	0	0	0	906,846	906,846
3	0	665,421	0	736,735	0	0	0	0	0	1,402,156	1,402,156
4	857	495,838	521	475,829	0	0	0	0	1,378	971,667	973,045
5	27	454,959	85	455,088	0	0	0	0	112	910,047	910,159
6	0	483,824	52	447,364	0	15,729	0	0	52	946,917	946,969
7	22,763	529,507	22,836	396,051	0	58,552	0	0	45,599	984,110	1,029,709
8	17,252	763,622	17,352	863,554	0	15,238	0	10,957	34,604	1,653,371	1,687,975
9	44,619	441,916	44,629	462,755	0	5,127	0	6,280	89,248	916,078	1,005,326
10	34,103	736,434	34,128	657,890	0	50,686	0	24,824	68,231	1,469,834	1,538,065
11	41,147	911,788	41,147	972,382	0	0	0	0	82,294	1,884,170	1,966,464
12	42,722	413,550	42,722	385,664	0	0	0	0	85,444	799,214	884,658
2008 1	45,092	993,472	45,083	1,078,434	0	28,122	0	22,732	90,175	2,122,760	2,212,935
2	138,418	621,949	137,864	515,151	0	2,832	0	1,178	276,282	1,141,110	1,417,392
3	32,761	642,146	33,311	572,604	0	4,566	0	6,494	66,072	1,225,810	1,291,882
4	275,947	448,620	275,417	383,151	0	0	0	0	551,364	831,771	1,383,135
5	263,961	516,813	245,762	543,989	0	17,931	0	11,849	509,723	1,090,582	1,600,305
6	224,880	591,498	224,620	589,254	0	3,035	0	7,588	449,500	1,191,375	1,640,875
7	38,320	452,688	38,415	460,227	0	2,753	0	2,753	76,735	918,421	995,156
8	38,395	323,389	38,448	321,222	0	17,116	0	15,374	76,843	677,101	753,944
9	170,186	438,086	170,223	521,538	0	17,214	0	17,214	340,409	994,052	1,334,461
10	39,079	331,819	38,653	177,585	0	20,048	0	20,493	77,732	549,945	627,677
11	38,890	211,135	39,439	158,891	0	6,988	0	5,241	78,329	382,255	460,584
12	39,663	238,238	40,339	243,644	0	0	0	0	80,002	481,882	561,884

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2009 1	39,644	299,082	39,888	285,396	0	68,161	0	958	79,532	653,597	733,129
2	39,367	486,348	39,567	476,486	0	23,410	0	18,047	78,934	1,004,291	1,083,225
3	39,489	593,750	39,489	581,333	0	0	0	0	78,978	1,175,083	1,254,061
4	39,084	367,310	39,090	368,926	0	2,225	0	2,225	78,174	740,686	818,860
5	17,554	372,967	17,278	379,354	0	3,265	0	1,632	34,832	757,218	792,050
6	1,385	477,874	1,385	473,293	0	0	0	3,239	2,770	954,406	957,176
7	39,862	321,193	39,862	330,218	0	16,389	0	11,532	79,724	679,332	759,056
8	41,261	274,592	41,261	295,686	0	13,428	0	15,488	82,522	599,194	681,716
9	43,697	217,825	43,600	204,333	0	13,805	0	11,771	87,297	447,734	535,031
10	39,024	372,441	39,024	395,624	0	7,223	0	5,226	78,048	780,514	858,562
11	40,937	326,365	40,937	298,538	0	4,658	0	3,823	81,874	633,384	715,258
12	38,718	186,829	39,018	199,202	0	876	0	0	77,736	386,907	464,643
2010 1	0	384,288	0	391,329	0	0	0	0	0	775,617	775,617
2	0	386,606	0	397,001	0	0	0	0	0	783,607	783,607
3	0	480,012	0	490,055	0	0	0	0	0	970,067	970,067
4	0	580,280	0	594,370	0	0	0	1,670	0	1,176,320	1,176,320
5	26	670,609	0	725,409	0	1,983	0	397	26	1,398,398	1,398,424
6	0	540,709	26	476,576	0	0	0	0	26	1,017,285	1,017,311
7	0	502,110	0	499,216	0	0	0	0	0	1,001,326	1,001,326
8	0	814,572	0	798,164	0	1,926	0	1,926	0	1,616,588	1,616,588
9	0	934,579	0	959,718	0	0	0	0	0	1,894,297	1,894,297
10	0	834,812	0	835,467	0	0	0	0	0	1,670,279	1,670,279
11	0	682,111	0	713,058	0	0	0	0	0	1,395,169	1,395,169
12	0	570,991	0	598,459	0	7,500	0	12,067	0	1,189,017	1,189,017
2011 1	0	605,714	0	606,883	0	18,764	0	19,546	0	1,250,907	1,250,907
2	0	572,468	0	579,250	0	15,631	0	22,721	0	1,190,070	1,190,070
3	0	579,690	0	570,319	0	35,521	0	55,752	0	1,241,282	1,241,282
4	0	340,083	0	376,586	0	50,332	0	40,581	0	807,582	807,582
5	0	391,114	0	411,745	0	10,006	0	35,599	0	848,464	848,464
6	0	543,715	0	556,006	0	24,730	0	32,485	0	1,156,936	1,156,936
7	0	435,719	0	427,463	0	44,826	0	40,311	0	948,319	948,319
8	0	545,081	0	523,602	0	7,439	0	290	0	1,076,412	1,076,412
9	0	350,373	0	348,181	0	0	0	7,944	0	706,498	706,498
10	0	226,145	0	225,298	0	14,419	0	14,420	0	480,282	480,282
11	0	304,473	0	279,685	0	0	0	0	0	584,158	584,158
12	0	163,701	0	201,914	0	0	0	0	0	365,615	365,615

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2012 1	0	160,594	0	193,085	0	0	0	0	0	353,679	353,679
2	0	210,989	0	227,531	0	0	0	0	0	438,520	438,520
3	0	263,104	0	289,449	0	0	0	0	0	552,553	552,553
4	0	196,161	0	203,417	0	0	0	0	0	399,578	399,578
5	0	288,614	0	275,533	0	0	0	0	0	564,147	564,147
6	0	228,504	0	240,015	0	0	0	0	0	468,519	468,519
7	0	223,232	0	216,754	0	0	0	0	0	439,986	439,986
8	0	235,877	0	242,840	0	0	0	150	0	478,867	478,867
9	0	362,868	0	339,940	0	0	0	293	0	703,101	703,101
10	0	232,497	0	229,248	0	0	0	1,258	0	463,003	463,003
11	0	199,109	0	209,665	0	0	0	0	0	408,774	408,774
12	0	136,999	0	142,296	0	0	0	0	0	279,295	279,295
2013 1	0	174,304	0	179,623	0	0	0	562	0	354,489	354,489
2	0	115,582	0	122,367	0	0	0	0	0	237,949	237,949
3	0	195,047	0	178,056	0	0	0	0	0	373,103	373,103
4	0	199,206	0	223,799	0	0	0	0	0	423,005	423,005
5	0	287,908	0	271,111	0	0	0	0	0	559,019	559,019
6	0	191,645	0	170,557	0	0	0	0	0	362,202	362,202
7	0	163,612	0	171,764	0	0	0	0	0	335,376	335,376
8	0	200,523	0	216,943	0	0	0	0	0	417,466	417,466
9	0	179,104	0	190,227	0	0	0	0	0	369,331	369,331
10	0	175,042	0	176,351	0	0	0	0	0	351,393	351,393
11	0	142,165	0	139,629	0	0	0	0	0	281,794	281,794
12	0	130,598	0	128,099	0	0	0	0	0	258,697	258,697
2014 1	0	157,938	0	160,819	0	0	0	0	0	318,757	318,757
2	0	142,406	0	167,233	0	0	0	0	0	309,639	309,639
3	0	286,135	0	323,808	0	0	0	0	0	609,943	609,943
4	0	212,962	0	219,317	0	7,564	0	12,103	0	451,946	451,946
5	0	292,658	0	291,225	0	12,020	0	6,010	0	601,913	601,913
6	0	198,437	0	215,763	0	11,966	0	14,957	0	441,123	441,123
7	0	276,681	0	278,235	0	7,510	0	17,273	0	579,699	579,699
8	0	143,530	0	149,532	0	28,490	0	23,545	0	345,097	345,097
9	0	216,969	0	224,114	0	24,349	0	43,012	0	508,444	508,444
10	0	218,736	0	219,416	146	36,985	146	24,384	292	499,521	499,813
11	0	115,685	0	113,553	0	14,278	0	14,278	0	257,794	257,794
12	0	64,612	0	86,483	0	0	0	0	0	151,095	151,095

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2015 1	0	160,217	0	148,947	0	0	0	0	0	309,164	309,164
2	0	109,210	0	111,535	0	0	0	0	0	220,745	220,745
3	0	140,591	0	156,939	0	0	0	0	0	297,530	297,530
4	0	172,623	0	176,536	0	1	0	1	0	349,161	349,161
5	0	210,358	0	218,557	0	309	0	309	0	429,533	429,533
6	0	199,215	0	200,598	0	0	0	0	0	399,813	399,813
7	0	163,036	0	168,741	0	1,468	0	2,060	0	335,305	335,305
8	0	223,249	0	215,160	0	658	0	1	0	439,068	439,068
9	0	135,980	0	141,137	0	2	0	1	0	277,120	277,120
10	0	205,537	0	202,826	0	1	0	0	0	408,364	408,364
11	0	113,907	0	127,537	0	2,015	0	747	0	244,206	244,206
12	0	149,792	0	133,874	0	1,661	13	2,142	13	287,469	287,482
2016 1	0	322,271	0	367,974	0	1,194	0	17	0	691,456	691,456
2	0	202,765	0	173,970	0	52	0	0	0	376,787	376,787
3	0	155,953	0	156,794	0	1,150	0	0	0	313,897	313,897
4	0	176,463	0	168,434	0	1,159	0	0	0	346,056	346,056
5	0	216,870	0	240,298	0	0	0	0	0	457,168	457,168
6	0	322,271	0	367,974	0	1,194	0	17	0	691,456	691,456
7	0	283,474	0	199,035	0	0	0	0	0	482,509	482,509
8	0	335,750	0	393,571	0	0	0	0	0	729,321	729,321
9	0	309,087	0	342,479	0	0	0	0	0	651,566	651,566
10	0	225,536	0	189,190	0	278	0	0	0	415,004	415,004
11	0	216,772	0	210,051	0	5,055	0	2,232	0	434,110	434,110
12	0	92,246	0	69,904	0	329	0	507	0	162,986	162,986
2017 1	0	158,907	0	156,073	0	220	0	406	0	315,606	315,606
2	0	162,260	0	164,071	0	0	0	40	0	326,371	326,371
3	0	300,985	0	406,540	0	152	83	0	83	707,677	707,760
4	0	221,130	0	191,418	0	544	394	318	394	413,410	413,804
5	12	302,725	15	293,488	0	301	125	226	152	596,740	596,892
6	0	437,599	0	446,361	0	426	499	0	499	884,386	884,885
7	0	359,605	0	396,658	0	0	78	0	78	756,263	756,341
8	0	543,140	0	566,954	0	121	149	0	149	1,110,215	1,110,364
9	0	377,115	0	329,984	0	1,212	313	1,212	313	709,523	709,836
10	0	372,982	0	341,915	0	0	724	0	724	714,897	715,621
11	0	292,485	0	296,581	0	120	768	120	768	589,306	590,074
12	0	193,907	0	258,346	0	0	166	0	166	452,253	452,419

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2018 1	0	444,634	0	461,716	0	408	267	0	267	906,758	907,025
2	0	660,072	0	655,366	0	0	534	88	534	1,315,526	1,316,060
3	0	609,233	0	563,609	0	553	385	157	385	1,173,552	1,173,937
4	0	463,155	0	413,937	0	0	212	0	212	877,092	877,304
5	1,289	584,867	1,289	647,455	0	0	0	420	2,578	1,232,742	1,235,320
6	1,586	384,752	1,586	411,821	0	0	0	0	3,172	796,573	799,745
7	1,225	446,451	1,225	349,347	0	0	0	0	2,450	795,798	798,248
8	922	385,635	922	379,951	0	0	0	0	1,844	765,586	767,430
9	916	340,156	1,221	315,863	0	0	0	0	2,137	656,019	658,156
10	0	391,263	0	401,317	0	356	0	0	0	792,936	792,936
11	0	442,401	0	461,124	0	170	0	0	0	903,695	903,695
12	0	444,374	0	607,837	0	0	0	169	0	1,052,380	1,052,380
2019 1	0	574,796	0	420,132	0	1,814	0	922	0	997,664	997,664
2	0	186,270	0	167,616	0	0	0	862	0	354,748	354,748
3	0	638,980	0	598,989	0	462	0	462	0	1,238,893	1,238,893
4	0	389,893	0	388,585	0	1,236	0	1,236	0	780,950	780,950
5	0	858,056	0	873,167	0	1,517	0	0	0	1,732,740	1,732,740
6	0	640,602	0	597,236	0	0	0	0	0	1,237,838	1,237,838
7	0	397,152	0	382,189	0	811	0	3	0	780,155	780,155
8	0	983,170	0	#########	0	1,571	0	565	0	1,986,499	1,986,499
9	0	418,052	0	463,546	0	947	0	543	0	883,088	883,088
10	0	592,781	0	560,928	0	1,218	0	1,493	0	1,156,420	1,156,420
11	0	350,996	0	361,150	0	1,221	0	1,221	0	714,588	714,588
12	0	123,628	0	148,558	0	753	0	1,054	0	273,993	273,993
2020 1	0	269,139	0	283,204	0	1,361	0	303	0	554,007	554,007
2	0	503,563	0	512,291	0	1,410	0	303	0	1,017,567	1,017,567
3	0	737,645	0	785,252	0	303	0	953	0	1,524,153	1,524,153
4	0	219,140	0	236,542	0	447	0	0	0	456,129	456,129
5	0	210,970	0	178,330	0	751	0	150	0	390,201	390,201
6	0	103,884	0	121,720	0	1,186	0	742	0	227,532	227,532
7	0	61,951	0	78,576	0	443	0	590	0	141,560	141,560
8	0	176,983	0	186,985	0	591	0	0	0	364,559	364,559
9	0	120,424	0	98,011	0	0	0	0	0	218,435	218,435
10	0	123,447	0	80,895	0	174	0	174	0	204,690	204,690
11	194	123,009	195	125,702	0	0	0	0	389	248,711	249,100
12	0	57,196	0	66,315	0	0	0	0	0	123,511	123,511

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2021 1	0	81,348	0	136,476	0	568	0	142	0	218,534	218,534
2	0	126,276	0	133,173	0	1,342	0	1,766	0	262,557	262,557
3	0	240,124	0	217,880	0	571	0	571	0	459,146	459,146
4	0	162,642	0	200,150	0	1,258	0	280	0	364,330	364,330
5	0	200,626	0	211,424	0	0	0	277	0	412,327	412,327
6	0	164,568	0	154,399	0	0	0	0	0	318,967	318,967
7	0	272,725	0	280,152	0	0	0	0	0	552,877	552,877
8	0	253,227	0	290,295	0	0	0	0	0	543,522	543,522
9	0	284,032	0	274,833	0	0	0	0	0	558,865	558,865
10	0	335,717	0	350,624	0	0	0	0	0	686,341	686,341
11	0	738,435	0	717,077	0	0	0	389	0	1,455,901	1,455,901
12	0	392,061	0	440,552	0	0	0	0	0	832,613	832,613
2022 1	0	392,054	0	427,804	0	0	0	1,378	0	821,236	821,236
2	0	569,424	0	575,544	0	0	0	0	0	1,144,968	1,144,968
3	0	962,992	0	926,831	0	0	0	0	0	1,889,823	1,889,823
4	0	519,767	0	507,393	0	0	0	0	0	1,027,160	1,027,160
5	0	415,216	0	401,005	0	0	0	0	0	816,221	816,221
6	0	477,943	0	419,869	0	0	0	0	0	897,812	897,812
7	0	515,839	0	551,453	0	0	0	0	0	1,067,292	1,067,292
8	0	557,107	0	576,839	0	0	0	0	0	1,133,946	1,133,946
9	0	694,945	0	628,837	0	0	0	0	0	1,323,782	1,323,782
10	0	360,942	0	341,738	0	0	0	0	0	702,680	702,680
11	0	350,897	0	423,071	0	0	0	0	0	773,968	773,968
12	0	262,112	0	245,763	0	0	0	0	0	507,875	507,875
2023 1	0	351,711	0	398,947	0	0	0	0	0	750,658	750,658
2	0	470,297	0	504,070	0	0	0	0	0	974,367	974,367
3	0	851,426	0	848,132	0	0	0	0	0	1,699,558	1,699,558
4	0	333,601	0	339,680	0	0	0	0	0	673,281	673,281
5	0	509,303	0	467,004	0	0	0	0	0	976,307	976,307
6	0	324,763	0	319,345	0	0	0	0	0	644,108	644,108
7	0	300,487	0	350,386	0	35	0	0	0	650,908	650,908
8	0	462,486	0	470,189	0	893	0	928	0	934,496	934,496
9	0	393,204	0	402,862	0	0	0	0	0	796,066	796,066
10	0	499,959	0	502,086	0	0	0	0	0	1,002,045	1,002,045
11	0	515,763	0	514,067	0	0	0	0	0	1,029,830	1,029,830
12	0	303,088	0	274,473	0	0	0	0	0	577,561	577,561

Notional Amounts Turnover of Exchange-Traded Interest Rate Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2024 1	0	666,519	0	928,301	0	39	0	19	0	1,594,878	1,594,878
2	0	896,773	0	541,544	0	27	0	0	0	1,438,344	1,438,344
3	0	468,818	0	580,751	0	0	0	0	0	1,049,569	1,049,569
4	0	754,310	0	754,666	0	0	0	0	0	1,508,976	1,508,976
5	0	671,413	0	648,396	0	0	0	0	0	1,319,809	1,319,809
6	0	669,245	0	547,795	0	0	0	0	0	1,217,040	1,217,040
7	0	764,978	0	888,783	0	0	0	0	0	1,653,761	1,653,761
8	0	678,801	0	605,623	0	0	0	0	0	1,284,424	1,284,424
9	0	561,177	0	458,225	0	0	0	0	0	1,019,402	1,019,402
10	0	328,703	0	516,496	0	0	0	0	0	845,199	845,199
11	0	532,811	0	509,147	0	0	0	0	0	1,041,958	1,041,958
12	0	226,053	0	211,271	0	0	0	0	0	437,324	437,324
2025 1	0	354,421	0	367,385	0	0	0	0	0	721,806	721,806
2	0	515,344	0	572,564	0	0	0	0	0	1,087,908	1,087,908
3	0	529,344	0	553,828	0	0	0	0	0	1,083,172	1,083,172
4	0	837,703	0	626,119	0	0	0	0	0	1,463,822	1,463,822
5	0	410,090	0	387,327	0	0	0	0	0	797,417	797,417
6	0	480,473	0	451,870	0	0	0	0	0	932,343	932,343
7	0	652,896	0	564,986	0	0	0	0	0	1,217,882	1,217,882
8	0	422,641	0	491,876	0	0	0	31	0	914,548	914,548
9	0	501,078	0	445,209	0	0	0	0	0	946,287	946,287
10	0	392,575	0	392,357	0	0	0	0	0	784,932	784,932
11	0	275,508	0	403,107	0	0	0	0	0	678,615	678,615
12	0	323,784	0	274,704	0	0	0	0	0	598,488	598,488
2026 1	0	435,646	0	354,138	0	0	0	0	0	789,784	789,784
2	0	293,869	0	353,019	0	0	0	0	0	646,888	646,888
3	0	681,441	0	718,210	0	0	0	0	0	1,399,651	1,399,651
4	0	431,135	0	355,949	0	0	0	0	0	787,084	787,084
5	0	532,478	0	564,274	0	0	0	0	0	1,096,752	1,096,752
6	0	381,754	0	350,664	0	0	0	0	0	732,418	732,418
7	0	313,001	0	361,769	0	0	0	0	0	674,770	674,770
8	0	356,539	0	247,040	0	0	0	0	0	603,579	603,579
9	0	371,129	0	398,879	0	0	0	0	0	770,008	770,008

Notes:

1.All figures are adjusted for double-counting.

2. Interest rate contracts include single-currency contracts only.

3.The data before Jan. 1998 are not available.

4.Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
1998	2,373,600	1,885,418	645,023	4,550,348	53,745	31,726	294,838	545,930	246,620	541,606	3,613,826	7,555,028	11,168,854
1999	1,644,477	1,117,432	855,259	4,168,224	70,179	26,534	367,657	756,302	384,891	753,532	3,322,463	6,822,024	10,144,487
2000	2,167,747	818,428	1,829,273	3,721,412	124,861	15,457	443,649	1,384,578	456,984	1,399,462	5,022,514	7,339,337	12,361,851
2000 1	175,072	70,775	115,507	289,538	2,033	0	34,451	125,681	38,734	122,456	365,797	608,450	974,247
2	159,901	85,209	84,619	218,695	4,849	1,020	46,999	105,667	49,801	105,801	346,169	516,392	862,561
3	224,956	70,731	142,037	349,091	7,367	3,654	47,271	111,504	52,522	111,394	474,153	646,374	1,120,527
4	162,094	78,564	85,184	307,976	1,836	146	42,684	93,020	42,316	92,167	334,114	571,873	905,987
5	165,436	87,963	116,146	385,817	9,192	522	55,962	130,122	54,298	130,872	401,034	735,296	1,136,330
6	127,215	65,423	104,866	388,543	10,563	454	32,967	124,316	29,524	128,782	305,135	707,518	1,012,653
7	138,547	84,537	99,853	320,431	1,993	851	18,706	77,060	21,373	77,026	280,472	559,905	840,377
8	125,652	49,892	143,105	343,621	6,278	3,731	15,791	101,658	20,795	102,549	311,621	601,451	913,072
9	184,822	62,661	193,995	297,530	21,736	2,357	38,182	113,352	34,512	115,780	473,247	591,680	1,064,927
10	247,963	48,334	252,442	262,372	25,095	994	41,778	93,459	46,673	95,047	613,951	500,206	1,114,157
11	238,486	51,518	248,032	283,948	18,586	905	35,652	109,356	36,474	109,102	577,230	554,829	1,132,059
12	217,603	62,821	243,487	273,850	15,333	823	33,206	199,383	29,962	208,486	539,591	745,363	1,284,954
2001 1	185,010	48,311	176,274	238,821	6,332	0	41,203	120,592	42,319	122,321	451,138	530,045	981,183
2	142,876	34,665	120,396	273,697	994	0	29,851	97,463	28,294	98,303	322,411	504,128	826,539
3	192,716	79,595	180,115	276,569	7,662	0	62,135	139,094	63,040	138,163	505,668	633,421	1,139,089
4	196,648	67,906	178,707	249,994	11,093	586	56,664	109,564	54,236	109,494	497,348	537,544	1,034,892
5	278,627	53,648	220,753	255,771	28,186	8,975	48,342	99,257	52,929	97,347	628,837	514,998	1,143,835
6	286,395	58,896	203,896	258,735	38,004	1,939	47,656	82,456	49,218	80,573	625,169	482,599	1,107,768
7	225,946	66,487	183,884	282,027	40,520	703	57,502	101,635	62,917	105,874	570,769	556,726	1,127,495
8	230,125	61,736	192,370	337,067	50,606	691	35,388	111,856	35,756	119,740	544,245	631,090	1,175,335
9	179,489	50,194	143,417	233,999	25,030	1,614	33,967	126,665	33,439	128,601	415,342	541,073	956,415
10	172,758	34,987	216,031	299,193	20,844	0	34,329	96,814	34,361	100,517	478,323	531,511	1,009,834
11	220,859	44,239	266,299	334,630	22,140	827	38,698	121,495	36,661	125,082	584,657	626,273	1,210,930
12	249,744	70,041	212,789	274,048	8,131	2,913	42,831	125,688	44,416	118,486	557,911	591,176	1,149,087
2002 1	236,775	50,803	232,848	297,909	41,645	0	47,058	167,302	54,047	168,185	612,373	684,199	1,296,572
2	197,207	85,717	189,896	240,421	18,985	0	36,115	105,085	35,639	101,896	477,842	533,119	1,010,961
3	211,996	80,734	240,459	352,000	9,256	0	39,678	169,643	38,822	168,666	540,211	771,043	1,311,254
4	300,005	64,603	206,855	284,146	16,540	0	55,773	196,394	54,233	193,307	633,406	738,450	1,371,856
5	340,544	82,068	248,328	280,033	12,588	1,776	72,759	165,026	80,087	162,973	754,306	691,876	1,446,182
6	311,302	83,871	397,920	408,615	12,970	0	56,804	174,466	52,853	170,382	831,849	837,334	1,669,183
7	411,124	114,420	412,053	475,147	38,743	658	62,822	230,148	71,902	227,849	996,644	1,048,222	2,044,866
8	267,143	68,047	249,218	378,094	36,748	0	47,255	121,251	49,740	114,653	650,104	682,045	1,332,149
9	255,003	67,154	181,835	378,813	20,437	0	56,200	153,519	61,480	151,536	574,955	751,022	1,325,977
10	302,797	86,386	278,768	396,255	33,003	1,418	49,957	187,818	46,570	190,274	711,095	862,151	1,573,246
11	259,990	103,893	241,123	417,696	21,285	12,675	41,908	157,739	40,762	154,068	605,068	846,071	1,451,139
12	257,693	90,204	266,727	435,994	11,445	0	31,982	184,766	35,857	180,358	603,704	891,322	1,495,026
2003 1	339,414	91,014	340,172	406,078	34,056	174	70,260	198,022	74,780	202,193	858,682	897,481	1,756,163
2	220,409	79,358	234,066	320,704	64,741	3,346	45,364	166,371	58,980	168,377	623,560	738,156	1,361,716
3	285,376	103,150	267,705	419,406	49,459	2,346	49,814	224,320	58,092	233,724	710,446	982,946	1,693,392
4	292,863	100,633	355,302	485,580	34,599	0	35,515	207,854	40,813	236,827	759,092	1,030,894	1,789,986
5	319,995	98,297	353,657	572,848	24,897	1,999	38,715	317,064	41,258	308,874	778,522	1,299,082	2,077,604
6	272,246	114,673	347,193	691,073	37,270	688	29,559	222,644	34,055	231,159	720,323	1,260,237	1,980,560
7	338,480	124,530	375,186	572,825	66,127	622	60,288	258,828	62,589	281,309	902,670	1,238,114	2,140,784
8	330,051	123,511	347,804	565,411	32,713	740	54,332	240,853	57,042	239,884	821,942	1,170,399	1,992,341
9	538,926	166,522	608,569	683,752	33,343	2,388	103,286	314,119	111,019	310,937	1,395,143	1,477,718	2,872,861
10	580,889	170,306	733,025	865,207	36,433	2,379	122,018	282,070	122,314	283,793	1,594,679	1,603,755	3,198,434
11	402,165	154,668	479,384	624,803	39,390	7,095	50,868	187,919	44,221	195,860	1,016,028	1,170,345	2,186,373
12	382,690	164,700	358,000	739,969	36,742	3,962	64,841	238,771	62,386	241,298	904,659	1,388,700	2,293,359

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2004 1	540,229	184,304	512,797	533,573	16,171	167	159,705	555,114	168,297	545,000	1,397,199	1,818,158	3,215,357
2	649,435	286,465	551,682	745,874	48,547	3,111	170,826	411,317	166,561	406,196	1,587,051	1,852,963	3,440,014
3	622,103	264,063	515,612	937,756	41,534	0	109,403	386,092	102,001	386,619	1,390,653	1,974,530	3,365,183
4	611,043	348,600	605,245	1,099,425	52,092	0	124,836	345,304	127,113	339,100	1,520,329	2,132,429	3,652,758
5	511,504	258,475	709,404	1,256,582	45,264	167	83,702	356,836	79,664	347,360	1,429,538	2,219,420	3,648,958
6	462,392	262,941	754,454	1,090,289	48,640	0	77,614	336,162	70,567	331,110	1,413,667	2,020,502	3,434,169
7	511,301	252,033	765,778	878,862	28,836	0	90,938	335,329	87,307	325,397	1,484,160	1,791,621	3,275,781
8	399,115	232,498	752,347	818,477	30,619	173	70,871	305,242	60,913	287,891	1,313,865	1,644,281	2,958,146
9	559,609	255,728	815,442	721,507	47,812	1,310	93,075	337,247	93,710	327,386	1,609,648	1,643,178	3,252,826
10	480,975	228,304	776,895	725,882	48,290	0	82,725	432,121	90,089	437,881	1,478,974	1,824,188	3,303,162
11	651,819	296,802	846,474	749,454	103,173	0	149,109	352,007	138,891	351,073	1,889,466	1,749,336	3,638,802
12	552,663	346,270	891,109	914,419	71,863	0	127,072	458,517	125,590	437,126	1,768,297	2,156,332	3,924,629
2005 1	504,938	248,664	866,625	782,222	75,729	0	61,683	318,037	66,862	328,625	1,575,837	1,677,548	3,253,385
2	466,688	173,940	694,389	538,730	64,318	0	30,638	201,521	25,492	206,114	1,281,525	1,120,305	2,401,830
3	701,908	155,151	1,150,795	788,542	110,073	0	74,980	357,086	81,201	340,773	2,118,957	1,641,552	3,760,509
4	589,951	164,733	965,670	788,273	72,839	214	72,577	255,221	69,241	249,172	1,770,278	1,457,613	3,227,891
5	504,370	165,218	828,490	880,655	92,366	146	60,613	274,576	52,915	282,545	1,538,754	1,603,140	3,141,894
6	619,533	201,354	999,530	1,016,780	120,449	4,264	49,428	246,588	42,607	243,805	1,831,547	1,712,791	3,544,338
7	602,939	245,585	1,005,209	975,306	86,797	1,620	63,307	286,416	57,430	278,743	1,815,682	1,787,670	3,603,352
8	623,146	148,040	1,031,427	1,133,166	134,254	3,735	80,423	363,118	83,136	359,073	1,952,386	2,007,132	3,959,518
9	630,566	188,629	981,306	1,098,543	138,775	1,151	73,299	267,287	71,816	257,264	1,895,762	1,812,874	3,708,636
10	639,909	194,894	1,110,300	1,097,995	70,130	465	43,521	421,447	39,480	414,600	1,903,340	2,129,401	4,032,741
11	608,972	225,376	1,005,241	1,045,290	165,266	0	34,985	499,598	31,652	494,972	1,846,116	2,265,236	4,111,352
12	789,565	348,727	947,355	1,411,984	126,264	16,303	48,799	642,823	33,867	640,352	1,945,850	3,060,189	5,006,039
2006 1	723,084	265,878	858,467	1,118,835	106,683	158	57,090	427,222	51,726	421,354	1,797,050	2,233,447	4,030,497
2	628,316	399,088	777,368	1,155,038	160,571	5,527	30,525	274,319	33,879	268,853	1,630,659	2,102,825	3,733,484
3	658,181	461,215	1,174,335	1,429,584	133,186	1,544	46,097	476,865	39,513	472,278	2,051,312	2,841,486	4,892,798
4	674,999	438,440	962,908	1,192,464	131,339	135	35,925	291,199	24,050	283,682	1,829,221	2,205,920	4,035,141
5	685,862	449,593	938,995	1,421,036	154,935	320	61,832	522,667	45,443	513,580	1,887,067	2,907,196	4,794,263
6	675,998	438,637	1,009,798	1,541,352	157,990	2,873	29,260	860,176	17,515	843,024	1,890,561	3,686,062	5,576,623
7	594,587	599,120	963,666	1,988,178	93,699	1,136	37,897	455,933	31,856	449,586	1,721,705	3,493,953	5,215,658
8	633,159	617,356	814,573	2,287,632	125,040	561	54,005	640,808	50,813	629,618	1,677,590	4,175,975	5,853,565
9	609,695	596,089	886,066	2,127,536	127,799	13,337	50,428	689,187	44,737	681,750	1,718,725	4,107,899	5,826,624
10	685,215	762,790	869,869	2,225,355	87,455	747	39,303	408,087	40,070	395,297	1,721,912	3,792,276	5,514,188
11	636,162	911,634	850,126	2,821,105	106,756	10,004	37,430	478,725	38,880	443,459	1,669,354	4,664,927	6,334,281
12	826,553	824,807	953,209	2,514,263	105,513	12,163	53,075	504,376	41,873	468,827	1,980,223	4,324,436	6,304,659
2007 1	862,048	795,487	934,709	2,591,181	88,314	2,755	60,478	400,975	54,915	362,849	2,000,464	4,153,247	6,153,711
2	663,376	734,920	625,714	1,661,416	50,753	2,552	34,930	263,048	33,821	243,393	1,408,594	2,905,329	4,313,923
3	775,759	926,907	1,073,114	2,492,030	71,614	13,114	45,401	515,175	43,861	466,152	2,009,749	4,413,378	6,423,127
4	641,483	582,043	859,002	1,856,183	54,935	783	69,735	337,232	79,550	312,893	1,704,705	3,089,134	4,793,839
5	712,827	755,832	1,055,840	2,532,085	91,787	1,309	64,662	279,944	57,131	257,416	1,982,247	3,826,586	5,808,833
6	620,611	602,769	1,356,925	2,221,674	56,181	3,991	49,389	272,519	51,856	258,588	2,134,962	3,359,541	5,494,503
7	621,242	562,467	1,180,212	2,975,267	65,222	2,115	52,890	387,310	47,836	348,359	1,967,402	4,275,518	6,242,920
8	625,270	722,242	1,226,327	2,732,344	111,068	7,690	50,152	454,142	50,971	432,102	2,063,788	4,348,520	6,412,308
9	469,972	666,295	885,648	2,502,661	41,886	1,247	35,619	406,084	34,831	394,298	1,467,956	3,970,585	5,438,541
10	659,006	765,572	1,172,418	2,969,952	89,728	49	53,865	434,199	41,100	412,927	2,016,117	4,582,699	6,598,816
11	627,997	966,262	1,219,673	2,953,218	123,746	84	39,774	459,257	39,525	448,526	2,050,715	4,827,347	6,878,062
12	509,248	611,983	1,173,520	2,395,577	95,259	1,010	31,211	335,710	31,633	312,309	1,840,871	3,656,589	5,497,460

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2008 1	653,008	717,044	1,328,585	2,722,466	135,003	6,792	50,574	430,728	43,558	409,732	2,210,728	4,286,762	6,497,490
2	694,723	491,497	1,001,453	2,023,811	74,498	42	77,530	360,786	67,691	340,877	1,915,895	3,217,013	5,132,908
3	859,428	609,902	1,538,287	2,513,605	139,335	2,126	36,549	421,482	33,766	398,232	2,607,365	3,945,347	6,552,712
4	714,425	630,670	1,283,487	2,475,452	115,631	6,981	32,733	436,149	26,742	408,258	2,173,018	3,957,510	6,130,528
5	721,224	549,562	1,353,607	2,215,155	115,614	7,380	45,114	430,925	40,684	445,941	2,276,243	3,648,963	5,925,206
6	557,502	514,461	1,294,109	2,277,408	88,889	10,179	61,904	470,730	55,168	452,352	2,057,572	3,725,130	5,782,702
7	596,327	518,971	1,418,445	2,374,761	113,868	7,888	52,304	486,695	58,996	457,451	2,239,940	3,845,766	6,085,706
8	685,413	452,106	1,453,589	2,160,222	105,494	10,233	37,857	377,270	40,766	361,099	2,323,119	3,360,930	5,684,049
9	626,753	1,037,885	1,472,627	2,734,864	99,205	2,348	28,610	363,619	27,467	337,734	2,254,662	4,476,450	6,731,112
10	724,817	1,175,944	1,590,174	3,289,116	105,694	7,780	31,522	261,030	29,149	247,465	2,481,356	4,981,335	7,462,691
11	451,988	392,203	1,486,574	1,821,092	62,822	2,272	19,284	185,447	20,988	173,390	2,041,656	2,574,404	4,616,060
12	477,156	332,063	1,481,110	1,869,035	38,156	2,283	24,508	199,946	20,065	190,110	2,040,995	2,593,437	4,634,432
2009 1	439,375	295,327	1,138,042	1,478,014	54,650	2,449	25,519	204,190	20,997	212,909	1,678,583	2,192,889	3,871,472
2	482,202	276,966	1,943,372	1,526,308	73,717	2,177	35,075	303,236	29,577	293,694	2,563,943	2,402,381	4,966,324
3	543,296	299,032	1,890,226	1,800,017	59,774	4,659	37,164	326,678	39,737	329,504	2,570,197	2,759,890	5,330,087
4	537,500	305,280	1,882,892	1,835,946	57,458	1,926	50,975	290,683	35,647	292,491	2,564,472	2,726,326	5,290,798
5	472,101	310,587	1,989,877	1,487,741	111,469	1,922	80,582	273,142	85,274	272,219	2,739,303	2,345,611	5,084,914
6	470,541	287,048	2,285,737	1,720,082	75,717	2,042	93,178	346,043	84,256	342,193	3,009,429	2,697,408	5,706,837
7	471,372	307,814	2,094,676	1,877,267	69,432	1,933	41,369	417,663	35,122	413,899	2,711,971	3,018,576	5,730,547
8	430,736	343,375	1,988,488	1,922,741	62,183	2,375	66,453	435,518	67,625	430,154	2,615,485	3,134,163	5,749,648
9	487,254	369,844	2,261,800	2,117,537	74,204	3,632	67,348	507,040	64,653	499,079	2,955,259	3,497,132	6,452,391
10	444,097	397,906	2,443,859	2,200,076	54,655	2,252	71,755	492,985	68,442	503,191	3,082,808	3,596,410	6,679,218
11	432,170	348,022	3,092,571	2,087,393	72,141	1,270	56,758	487,694	52,409	479,843	3,706,049	3,404,222	7,110,271
12	390,579	297,221	2,823,991	2,566,783	40,871	2,122	49,048	360,315	53,334	359,902	3,357,823	3,586,343	6,944,166
2010 1	448,578	412,490	2,816,518	2,165,424	56,671	320	83,325	484,195	83,573	504,114	3,488,665	3,566,543	7,055,208
2	294,757	283,669	2,264,290	2,000,534	50,203	128	108,140	367,840	121,643	376,675	2,839,033	3,028,846	5,867,879
3	415,092	395,329	3,085,448	2,587,871	86,934	1,114	98,681	476,844	105,044	477,407	3,791,199	3,938,565	7,729,764
4	492,123	452,160	2,967,519	2,058,220	49,021	0	79,930	528,956	84,808	524,119	3,673,401	3,563,455	7,236,856
5	545,987	456,260	3,373,714	2,272,741	132,599	0	67,997	515,007	74,656	518,677	4,194,953	3,762,685	7,957,638
6	424,322	372,008	3,024,064	2,537,327	38,721	968	30,702	423,568	30,186	425,684	3,547,995	3,759,555	7,307,550
7	414,097	362,600	3,513,032	2,554,891	56,467	0	46,745	439,673	51,054	443,096	4,081,395	3,800,260	7,881,655
8	449,640	351,999	3,394,331	2,622,179	27,284	0	34,346	580,885	28,520	577,823	3,934,121	4,132,886	8,067,007
9	365,040	463,599	3,278,920	2,635,960	35,952	1,566	34,364	600,677	33,920	593,864	3,748,196	4,295,666	8,043,862
10	420,402	391,995	2,989,938	2,483,882	33,019	63,060	32,721	545,949	29,598	537,730	3,505,678	4,022,616	7,528,294
11	369,021	322,039	3,140,295	2,276,625	34,503	51,321	26,067	584,910	23,456	576,820	3,593,342	3,811,715	7,405,057
12	391,255	320,266	3,485,824	2,701,545	29,654	911	20,318	464,613	18,162	454,863	3,945,213	3,942,198	7,887,411
2011 1	355,255	386,096	3,462,849	2,358,401	42,954	21,005	29,453	559,914	29,885	558,289	3,920,396	3,883,705	7,804,101
2	347,472	268,094	2,540,655	1,722,189	37,353	8,319	23,610	390,864	23,474	386,680	2,972,564	2,776,146	5,748,710
3	362,370	465,282	3,538,277	2,619,728	69,375	30,457	33,245	621,209	29,184	604,425	4,032,451	4,341,101	8,373,552
4	359,740	590,016	3,059,486	2,103,124	42,667	7,714	33,029	532,152	28,761	528,978	3,523,683	3,761,984	7,285,667
5	353,094	465,009	2,850,246	2,425,224	36,548	12,664	34,210	687,150	30,061	681,276	3,304,159	4,271,323	7,575,482
6	338,161	479,424	3,319,034	2,824,538	59,075	17,794	30,598	668,965	23,251	676,238	3,770,119	4,666,959	8,437,078
7	355,600	691,101	2,925,673	2,367,620	42,200	16,735	32,981	727,027	23,701	731,399	3,380,155	4,533,882	7,914,037
8	475,050	927,275	3,384,439	3,236,694	75,309	20,626	34,471	819,584	30,774	814,203	4,000,043	5,818,382	9,818,425
9	526,171	1,162,693	3,891,493	3,003,284	29,278	17,658	51,564	686,954	55,408	682,732	4,553,914	5,553,321	10,107,235
10	567,507	1,039,127	3,647,621	2,873,248	25,221	10,273	26,005	621,109	21,715	620,762	4,288,069	5,164,519	9,452,588
11	358,732	889,759	3,835,782	2,449,841	46,765	10,228	28,103	641,139	25,689	642,945	4,295,071	4,633,912	8,928,983
12	260,473	679,877	3,570,753	2,416,580	41,793	909	53,359	441,077	62,601	451,846	3,988,979	3,990,289	7,979,268

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2012 1	357,467	644,909	3,182,034	1,878,206	59,187	1,184	41,758	586,547	36,457	597,546	3,676,903	3,708,392	7,385,295
2	335,926	760,554	3,661,171	2,368,662	88,495	309	34,124	598,509	30,231	609,815	4,149,947	4,337,849	8,487,796
3	422,322	789,673	3,547,879	2,470,507	152,558	8,652	37,610	809,660	32,640	816,590	4,193,009	4,895,082	9,088,091
4	413,712	787,874	3,462,561	2,329,292	106,300	1,117	30,095	749,017	27,770	746,600	4,040,438	4,613,900	8,654,338
5	454,048	876,543	4,170,006	2,761,875	64,423	981	105,528	885,034	125,357	891,373	4,919,362	5,415,806	10,335,168
6	371,236	772,164	3,810,212	2,334,074	66,498	1,885	49,568	720,867	65,690	711,585	4,363,204	4,540,575	8,903,779
7	414,590	997,112	4,030,441	2,188,739	71,380	864	27,241	776,331	25,234	787,422	4,568,886	4,750,468	9,319,354
8	424,900	572,682	4,172,750	2,261,955	43,656	1,453	21,979	792,674	19,265	801,735	4,682,550	4,430,499	9,113,049
9	354,421	571,877	3,685,322	2,319,374	54,894	1,422	31,926	759,745	25,351	757,328	4,151,914	4,409,746	8,561,660
10	388,154	526,190	3,983,574	2,413,943	61,116	7,616	29,955	851,348	30,507	858,440	4,493,306	4,657,537	9,150,843
11	413,386	487,631	3,902,184	2,213,407	56,947	4,210	46,356	720,677	51,220	711,872	4,470,093	4,137,797	8,607,890
12	368,649	432,118	3,601,941	1,809,193	57,329	2,228	18,640	512,921	22,239	519,941	4,068,798	3,276,401	7,345,199
2013 1	513,847	623,885	4,399,626	2,761,941	71,621	5,323	58,139	1,433,977	58,399	1,447,123	5,101,632	6,272,249	11,373,881
2	305,216	450,372	3,166,142	2,348,966	53,202	1,801	28,638	1,032,315	28,271	1,044,672	3,581,469	4,878,126	8,459,595
3	330,163	555,111	3,913,101	3,316,716	73,199	3,842	40,303	1,250,309	39,586	1,253,985	4,396,352	6,379,963	10,776,315
4	357,573	688,062	3,677,612	3,232,986	145,802	2,175	37,547	1,283,834	36,092	1,267,235	4,254,626	6,474,292	10,728,918
5	420,246	841,498	4,195,145	4,062,531	47,911	4,562	39,488	1,755,488	42,805	1,782,797	4,745,595	8,446,876	13,192,471
6	375,737	684,033	3,883,049	3,370,659	64,979	3,576	29,507	1,114,205	28,901	1,143,398	4,382,173	6,315,871	10,698,044
7	317,676	607,667	3,946,405	4,215,658	112,095	8,404	22,775	1,317,210	21,719	1,313,546	4,420,670	7,462,485	11,883,155
8	249,963	693,581	4,000,750	3,800,003	71,997	3,582	28,305	1,396,904	28,010	1,416,666	4,379,025	7,310,736	11,689,761
9	342,155	598,730	3,712,980	2,891,337	48,162	4,831	34,789	1,523,685	35,030	1,536,211	4,173,116	6,554,794	10,727,910
10	338,089	579,525	4,352,010	2,868,094	68,174	8,631	30,906	1,381,130	27,867	1,413,135	4,817,046	6,250,515	11,067,561
11	256,216	725,890	4,422,327	2,922,077	87,160	6,236	22,649	1,130,551	17,757	1,150,145	4,806,109	5,934,899	10,741,008
12	232,875	571,243	4,727,155	2,990,841	81,409	3,883	22,893	742,916	21,815	767,913	5,086,147	5,076,796	10,162,943
2014 1	338,316	740,610	4,674,486	3,258,961	49,789	8,494	56,566	3,459,170	52,696	3,667,812	5,171,853	11,135,047	16,306,900
2	285,402	724,085	4,346,439	3,130,409	79,185	8,485	29,735	2,011,300	28,323	2,138,376	4,769,084	8,012,655	12,781,739
3	286,519	839,324	5,005,942	4,155,394	89,303	17,018	38,076	1,282,605	35,182	1,364,656	5,455,022	7,658,997	13,114,019
4	322,416	781,423	5,185,555	4,148,359	61,739	10,724	34,739	1,030,827	32,225	1,071,569	5,636,674	7,042,902	12,679,576
5	279,501	637,656	4,440,941	3,895,235	86,669	16,356	25,632	600,093	22,941	619,424	4,855,684	5,768,764	10,624,448
6	268,657	561,638	4,145,736	3,764,603	97,488	13,875	31,337	730,973	29,284	721,036	4,572,502	5,792,125	10,364,627
7	252,987	657,294	4,580,519	3,650,607	76,452	3,951	29,350	1,071,961	26,478	1,118,057	4,965,786	6,501,870	11,467,656
8	220,251	628,204	4,239,937	3,092,070	83,805	10,393	29,742	1,302,352	29,517	1,298,033	4,603,252	6,331,052	10,934,304
9	278,092	908,544	4,935,143	3,980,450	94,175	7,990	34,262	1,564,259	29,715	1,534,691	5,371,387	7,995,934	13,367,321
10	245,349	960,081	4,836,181	4,340,088	104,806	3,044	26,372	1,175,835	25,488	1,119,213	5,238,196	7,598,261	12,836,457
11	214,328	907,569	4,458,171	3,739,103	86,782	2,335	30,377	1,328,787	32,232	1,247,730	4,821,890	7,225,524	12,047,414
12	227,495	1,039,726	4,719,979	4,186,049	121,720	2,355	25,799	1,097,894	26,584	1,036,019	5,121,577	7,362,043	12,483,620
2015 1	265,965	1,111,376	4,804,381	4,065,409	88,806	10,165	60,478	1,858,242	56,749	1,812,675	5,276,379	8,857,867	14,134,246
2	259,608	882,627	3,394,377	3,078,062	37,278	5,151	31,558	844,083	29,998	820,407	3,752,819	5,630,330	9,383,149
3	337,355	1,182,247	4,314,796	4,595,566	142,174	23,914	48,935	1,446,336	48,579	1,374,726	4,891,839	8,622,789	13,514,628
4	274,337	1,129,649	4,331,536	4,068,576	46,721	16,972	48,830	1,483,899	48,442	1,424,844	4,749,866	8,123,940	12,873,806
5	279,954	932,000	3,954,194	4,614,431	67,712	30,012	47,359	1,431,467	44,252	1,376,682	4,393,471	8,384,592	12,778,063
6	231,370	974,950	4,046,581	4,604,646	54,009	14,546	41,450	1,724,466	38,069	1,638,942	4,411,479	8,957,550	13,369,029
7	295,841	1,175,896	4,922,268	4,693,556	90,268	9,584	47,288	1,984,670	45,339	1,889,702	5,401,004	9,753,408	15,154,412
8	353,638	1,479,928	4,699,957	5,082,467	61,115	12,495	52,067	1,230,258	52,321	1,199,016	5,219,098	9,004,164	14,223,262
9	348,718	845,547	4,424,399	4,676,611	62,302	8,174	59,379	856,854	56,679	775,382	4,951,477	7,162,568	12,114,045
10	298,810	778,677	4,256,596	4,026,516	100,355	4,766	55,884	909,796	52,292	874,875	4,763,937	6,594,630	11,358,567
11	227,441	734,163	4,156,114	3,885,268	97,031	2,103	56,131	818,838	51,049	786,594	4,587,766	6,226,966	10,814,732
12	258,462	924,066	5,104,831	4,551,744	58,825	11,318	62,597	552,276	59,518	526,595	5,544,233	6,565,999	12,110,232

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2016 1	262,087	1,156,249	5,687,553	4,199,487	71,520	16,769	80,884	850,596	76,335	847,183	6,178,379	7,070,284	13,248,663
2	229,158	1,026,843	3,948,381	2,981,113	67,668	2,476	55,788	506,427	55,023	496,797	4,356,018	5,013,656	9,369,674
3	296,210	1,141,071	5,617,308	3,990,659	129,959	13,068	64,895	522,203	60,655	508,109	6,169,027	6,175,110	12,344,137
4	240,664	1,020,949	4,965,439	4,028,826	82,659	95,145	31,322	355,664	28,148	354,288	5,348,232	5,854,872	11,203,104
5	211,820	1,053,542	4,896,828	4,383,519	116,764	183	49,408	435,246	44,089	432,993	5,318,909	6,305,483	11,624,392
6	262,087	1,156,249	5,687,553	4,199,487	71,520	16,769	80,884	850,596	76,335	847,183	6,178,379	7,070,284	13,248,663
7	202,861	999,186	5,028,676	4,078,598	63,198	9,010	40,000	446,636	39,017	442,598	5,373,752	5,976,028	11,349,780
8	246,095	1,015,866	5,022,781	4,771,495	50,078	4,714	40,101	403,879	40,031	395,627	5,399,086	6,591,581	11,990,667
9	208,749	862,122	5,126,299	4,164,957	180,894	78,708	28,246	353,292	28,718	332,600	5,572,906	5,791,679	11,364,585
10	241,980	1,061,027	5,254,465	3,514,049	81,161	28,901	36,763	373,585	36,545	376,473	5,650,914	5,354,035	11,004,949
11	257,605	1,315,986	6,116,737	3,810,010	109,271	40,772	42,914	417,773	42,991	403,073	6,569,518	5,987,614	12,557,132
12	223,161	999,607	5,804,728	3,499,121	106,413	25,686	46,799	234,977	44,249	221,511	6,225,350	4,980,902	11,206,252
2017 1	209,537	908,261	5,735,516	3,054,359	54,514	6,485	46,393	294,271	43,759	287,946	6,089,719	4,551,322	10,641,041
2	179,626	854,712	5,361,417	2,985,380	96,413	3,250	32,390	292,750	32,360	275,569	5,702,206	4,411,661	10,113,867
3	248,987	1,188,130	6,619,308	3,887,581	182,807	9,533	32,963	371,949	31,861	376,918	7,115,926	5,834,111	12,950,037
4	157,609	740,305	4,982,337	2,857,549	51,722	3,038	23,988	255,813	22,684	246,914	5,238,340	4,103,619	9,341,959
5	226,527	782,720	5,214,795	3,363,247	66,276	190	20,881	287,419	19,699	278,532	5,548,178	4,712,108	10,260,286
6	296,892	866,967	5,355,720	3,708,304	170,154	4,064	25,069	323,507	24,789	301,775	5,872,624	5,204,617	11,077,241
7	250,521	765,294	5,390,392	3,567,565	143,977	11,831	24,311	256,287	22,388	242,604	5,831,589	4,843,581	10,675,170
8	201,369	856,057	5,398,888	4,031,964	101,643	12,734	26,949	316,060	25,208	303,662	5,754,057	5,520,477	11,274,534
9	250,236	874,730	5,600,918	3,903,608	91,477	2,825	19,493	339,363	20,350	315,048	5,982,474	5,435,574	11,418,048
10	186,374	818,436	5,373,683	3,379,732	79,456	618	15,068	247,552	15,292	230,398	5,669,873	4,676,736	10,346,609
11	184,900	982,679	5,830,604	3,611,291	91,552	1,216	11,191	305,496	11,835	286,882	6,130,082	5,187,564	11,317,646
12	184,490	698,399	5,297,628	3,643,336	120,073	24,673	11,983	184,250	12,841	164,761	5,627,015	4,715,419	10,342,434
2018 1	262,463	1,188,801	6,542,929	3,800,726	198,188	20,358	17,530	304,485	18,046	304,710	7,039,156	5,619,080	12,658,236
2	155,234	891,764	4,413,554	3,019,274	59,562	4,663	9,572	232,276	10,128	226,707	4,648,050	4,374,684	9,022,734
3	169,834	1,039,031	6,458,570	4,657,761	139,155	17,467	13,878	337,843	14,908	325,960	6,796,345	6,378,062	13,174,407
4	239,628	1,044,383	5,769,233	3,906,301	170,032	1,834	12,090	302,790	11,065	287,218	6,202,048	5,542,526	11,744,574
5	244,437	1,273,998	6,547,972	4,645,774	157,173	1,484	10,827	341,709	12,329	332,267	6,972,738	6,595,232	13,567,970
6	243,870	1,272,002	5,957,745	4,649,464	63,234	2,819	15,119	331,305	14,145	324,647	6,294,113	6,580,237	12,874,350
7	226,428	1,283,768	6,592,452	4,195,884	193,152	10,648	13,653	307,967	13,594	288,032	7,039,279	6,086,299	13,125,578
8	231,150	1,310,716	6,382,689	4,771,870	142,066	9,010	14,346	406,834	15,184	390,171	6,785,435	6,888,601	13,674,036
9	193,791	1,107,040	5,281,200	4,074,655	86,760	11,581	14,724	291,466	14,506	294,691	5,590,981	5,779,433	11,370,414
10	257,154	1,269,298	6,754,694	3,991,097	192,765	3,650	18,251	307,862	17,043	299,789	7,239,907	5,871,696	13,111,603
11	213,742	1,145,896	6,807,060	3,940,429	119,656	9,190	15,864	304,464	11,788	295,910	7,168,110	5,695,889	12,863,999
12	191,906	1,227,068	5,987,955	3,841,933	124,881	4,927	12,078	176,936	12,298	171,512	6,329,118	5,422,376	11,751,494
2019 1	287,835	1,556,338	7,568,685	4,428,355	219,732	10,978	26,178	325,505	20,948	307,494	8,123,378	6,628,670	14,752,048
2	188,805	1,000,197	4,602,024	3,453,468	100,231	1,170	8,499	229,348	7,924	221,365	4,907,483	4,905,548	9,813,031
3	224,105	1,292,730	5,706,929	4,581,440	110,803	10,211	16,535	290,325	15,321	277,599	6,073,693	6,452,305	12,525,998
4	257,350	1,293,280	5,855,062	4,157,396	78,464	6,719	14,253	278,506	12,004	253,987	6,217,133	5,989,888	12,207,021
5	363,770	1,456,816	6,206,597	4,535,560	105,233	7,070	20,432	322,381	14,720	310,194	6,710,752	6,632,021	13,342,773
6	231,454	1,396,488	4,856,849	4,454,323	120,131	7,288	18,230	267,684	17,218	268,711	5,243,882	6,394,494	11,638,376
7	283,464	1,353,761	6,180,856	5,077,073	204,403	5,498	13,514	289,967	12,064	286,836	6,694,301	7,013,135	13,707,436
8	273,066	1,326,721	5,460,173	4,604,934	69,736	5,057	20,285	303,083	18,917	302,063	5,842,177	6,541,858	12,384,035
9	251,597	1,396,741	5,499,686	4,454,104	102,434	11,185	19,268	239,226	15,645	232,292	5,888,630	6,333,548	12,222,178
10	270,365	1,351,442	5,885,702	4,586,701	73,125	153	19,809	256,311	16,634	252,260	6,265,635	6,446,867	12,712,502
11	293,718	1,263,172	5,511,805	4,510,465	62,364	2,289	13,715	199,394	10,807	196,497	5,892,409	6,171,817	12,064,226
12	202,552	1,434,574	5,997,178	4,333,537	84,810	1,034	14,170	160,472	13,505	157,266	6,312,215	6,086,883	12,399,098

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2020 1	232,687	1,247,676	4,872,251	4,200,715	74,309	1,736	14,402	288,359	12,213	273,080	5,205,862	6,011,566	11,217,428
2	288,009	1,430,344	5,330,321	4,806,313	92,332	2,934	15,753	337,759	13,712	343,571	5,740,127	6,920,921	12,661,048
3	299,482	1,572,129	6,851,902	5,451,210	181,053	3,380	19,326	276,020	17,401	268,746	7,369,164	7,571,485	14,940,649
4	198,262	1,080,416	6,422,995	3,971,327	98,036	929	21,246	162,996	18,333	151,196	6,758,872	5,366,864	12,125,736
5	253,500	846,437	5,778,611	4,109,107	47,219	1,061	18,217	215,971	16,503	202,502	6,114,050	5,375,078	11,489,128
6	229,314	780,651	5,620,831	4,609,422	54,753	1,058	17,181	200,034	16,552	188,170	5,938,631	5,779,335	11,717,966
7	185,274	800,479	5,857,053	5,494,194	85,394	1,789	14,875	280,524	13,557	268,276	6,156,153	6,845,262	13,001,415
8	124,401	749,191	5,160,425	5,283,289	35,761	7,212	15,754	224,881	15,722	218,473	5,352,063	6,483,046	11,835,109
9	180,271	864,050	5,392,729	4,998,452	98,380	122	22,885	296,026	20,034	289,316	5,714,299	6,447,966	12,162,265
10	149,130	816,732	4,417,519	4,225,217	37,842	35	21,444	198,942	21,656	196,260	4,647,591	5,437,186	10,084,777
11	155,501	848,716	4,535,023	4,210,206	92,423	239	20,513	215,975	20,440	209,123	4,823,900	5,484,259	10,308,159
12	173,254	904,728	5,117,180	4,278,267	100,303	208	17,322	179,471	17,427	180,755	5,425,486	5,543,429	10,968,915
2021 1	192,047	1,027,700	5,429,212	4,750,881	84,857	197	17,469	243,762	17,000	248,154	5,740,585	6,270,694	12,011,279
2	163,055	903,914	3,897,924	3,825,514	52,451	90	15,211	209,745	15,172	207,514	4,143,813	5,146,777	9,290,590
3	255,288	1,031,753	5,360,659	4,851,261	63,283	148	22,144	285,987	22,879	281,780	5,724,253	6,450,929	12,175,182
4	180,037	989,345	4,765,733	4,261,766	65,998	1,080	20,316	227,979	18,951	213,606	5,051,035	5,693,776	10,744,811
5	193,288	946,049	4,930,385	4,118,845	55,049	2,895	22,729	250,991	21,111	247,434	5,222,562	5,566,214	10,788,776
6	185,304	965,055	4,667,713	4,309,696	66,502	182	18,428	227,138	18,056	221,210	4,956,003	5,723,281	10,679,284
7	217,015	984,312	4,883,897	4,231,873	73,511	6,058	18,493	260,757	18,518	254,081	5,211,434	5,737,081	10,948,515
8	231,580	994,780	4,740,585	4,727,362	112,328	3,542	20,717	304,845	20,842	295,006	5,126,052	6,325,535	11,451,587
9	185,107	913,069	4,806,878	4,469,813	75,476	8,782	17,966	290,651	18,365	288,254	5,103,792	5,970,569	11,074,361
10	185,444	906,168	4,867,159	4,184,068	65,646	35	22,216	253,853	21,737	250,352	5,162,202	5,594,476	10,756,678
11	185,399	845,156	4,600,094	4,239,363	30,248	8	21,005	211,972	20,506	216,330	4,857,252	5,512,829	10,370,081
12	176,740	833,255	4,764,620	4,550,392	44,682	722	20,269	130,506	19,910	129,939	5,026,221	5,644,814	10,671,035
2022 1	183,459	859,558	5,250,550	5,019,019	41,542	679	26,039	265,517	25,763	265,701	5,527,353	6,410,474	11,937,827
2	199,557	825,592	3,944,949	4,024,344	45,079	433	17,854	190,588	17,323	186,684	4,224,762	5,227,641	9,452,403
3	255,099	1,275,521	5,648,232	4,999,575	33,927	647	36,106	275,427	37,884	274,453	6,011,248	6,825,623	12,836,871
4	177,704	988,664	4,495,776	4,262,072	18,975	71	27,394	215,975	29,253	212,848	4,749,102	5,679,630	10,428,732
5	230,667	990,437	5,075,896	4,387,701	27,890	5,149	30,114	231,578	29,828	233,922	5,394,395	5,848,787	11,243,182
6	188,953	958,000	5,217,619	5,157,475	64,335	87	22,444	225,497	22,182	223,962	5,515,533	6,565,021	12,080,554
7	233,252	921,927	5,820,376	5,221,943	20,795	-	21,343	278,491	20,917	278,508	6,116,683	6,700,869	12,817,552
8	294,360	1,137,978	6,903,009	5,198,320	39,744	1,221	28,011	289,227	28,389	287,266	7,293,513	6,914,012	14,207,525
9	468,800	1,208,879	6,906,013	5,683,850	70,326	5,896	26,141	250,577	29,114	252,624	7,500,394	7,401,826	14,902,220
10	350,575	957,283	6,566,711	5,508,443	13,868	3,456	30,828	227,057	31,504	226,473	6,993,486	6,922,712	13,916,198
11	248,800	1,092,872	6,591,748	5,501,732	20,130	1,308	28,078	188,658	29,157	187,198	6,917,913	6,971,768	13,889,681
12	186,898	1,023,642	6,538,444	5,545,670	24,312	5,659	15,044	124,311	14,596	121,795	6,779,294	6,821,077	13,600,371
2023 1	129,770	1,152,220	5,020,393	5,084,810	9,894	2,399	19,189	225,936	17,436	222,400	5,196,682	6,687,765	11,884,447
2	195,159	1,508,402	5,690,390	5,926,791	21,229	4,145	24,123	297,668	22,979	298,088	5,953,880	8,035,094	13,988,974
3	239,198	1,986,161	7,508,734	7,172,603	49,403	4,925	28,981	363,678	28,934	363,530	7,855,250	9,890,897	17,746,147
4	203,517	1,590,924	5,289,864	5,548,509	20,190	1,626	21,623	224,195	18,675	228,043	5,553,869	7,593,297	13,147,166
5	213,848	1,672,742	6,194,228	7,218,845	26,249	3,268	22,794	290,284	22,557	298,615	6,479,676	9,483,754	15,963,430
6	216,384	1,660,582	6,164,806	7,539,991	26,444	5,915	26,706	283,466	26,658	281,439	6,460,998	9,771,393	16,232,391
7	200,009	1,812,650	5,933,224	6,701,357	51,583	1,666	24,924	294,414	23,709	297,668	6,233,449	9,107,755	15,341,204
8	293,206	1,446,181	6,808,060	7,614,930	56,946	3,731	25,068	354,629	26,310	355,024	7,209,590	9,774,495	16,984,085
9	294,492	1,258,107	5,971,721	6,645,948	37,505	1,050	20,753	339,764	19,749	338,422	6,344,220	8,583,291	14,927,511
10	237,662	1,202,353	6,199,598	6,294,158	38,390	7,165	21,633	438,230	20,849	438,319	6,518,132	8,380,225	14,898,357
11	283,830	2,030,643	6,829,977	7,488,636	51,107	13,330	27,882	403,727	26,244	398,021	7,219,040	10,334,357	17,553,397
12	177,095	1,532,178	6,529,291	6,881,429	39,427	5,205	22,431	228,887	21,911	220,062	6,790,155	8,867,761	15,657,916

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2024 1	262,960	1,995,519	6,870,911	8,937,109	44,310	1,617	31,362	500,760	30,874	501,576	7,240,417	11,936,581	19,176,998
2	212,348	1,267,507	5,131,169	6,374,547	46,683	2,228	17,518	475,677	17,751	481,868	5,425,469	8,601,827	14,027,296
3	298,852	2,062,154	6,780,347	8,587,204	43,301	7,577	28,192	385,502	28,516	402,737	7,179,208	11,445,174	18,624,382
4	256,391	1,404,582	6,421,375	9,278,977	39,056	12,455	30,264	334,286	29,224	353,158	6,776,310	11,383,458	18,159,768
5	247,687	1,634,806	6,013,444	10,200,792	33,325	3,384	28,416	472,315	27,353	489,466	6,350,225	12,800,763	19,150,988
6	215,916	1,236,517	5,867,934	9,037,189	38,327	4,615	25,769	380,903	26,443	386,583	6,174,389	11,045,807	17,220,196
7	230,797	1,595,833	6,696,128	9,654,019	59,189	15,854	33,459	329,640	31,964	344,970	7,051,537	11,940,316	18,991,853
8	196,828	1,961,859	6,034,049	10,332,444	46,834	16,057	30,389	384,523	29,213	368,642	6,337,313	13,063,525	19,400,838
9	201,942	2,200,394	6,059,924	9,842,257	51,730	6,629	27,746	447,627	26,085	457,445	6,367,427	12,954,352	19,321,779
10	293,042	2,162,398	6,263,769	9,874,128	29,166	25,609	28,281	454,524	26,399	457,916	6,640,657	12,974,575	19,615,232
11	414,246	2,069,826	6,844,803	11,377,743	40,792	17,283	30,650	435,106	30,217	444,132	7,360,708	14,344,090	21,704,798
12	269,770	1,684,562	6,243,190	9,944,565	46,428	39,641	26,660	378,223	24,449	382,923	6,610,497	12,429,914	19,040,411
2025 1	215,927	1,120,752	5,527,825	9,879,057	43,380	60,712	32,841	407,982	28,349	431,535	5,848,322	11,900,038	17,748,360
2	219,209	1,157,956	6,241,958	11,138,969	35,264	49,486	26,920	380,422	26,331	386,660	6,549,682	13,113,493	19,663,175
3	193,133	1,348,739	6,821,492	12,466,752	93,254	3,215	34,701	393,542	34,546	406,199	7,177,126	14,618,447	21,795,573
4	208,586	1,689,008	6,061,814	10,241,070	51,728	39,002	42,176	272,961	37,637	281,159	6,401,941	12,523,200	18,925,141
5	160,531	1,743,882	5,379,214	9,456,230	24,183	17,792	24,279	298,227	24,142	308,209	5,612,349	11,824,340	17,436,689
6	133,594	1,892,320	4,985,680	9,733,919	37,493	12,327	25,359	394,487	24,115	397,299	5,206,241	12,430,352	17,636,593
7	171,502	1,699,025	5,843,582	11,824,890	36,749	29,650	30,845	390,626	27,226	410,959	6,109,904	14,355,150	20,465,054
8	131,477	1,430,682	5,326,028	12,651,525	65,033	16,465	26,880	423,186	28,407	422,045	5,577,825	14,943,903	20,521,728
9	134,811	1,787,068	5,925,635	12,916,062	40,294	14,314	26,871	380,209	25,433	387,696	6,153,044	15,485,349	21,638,393
10	114,075	1,586,566	5,734,716	10,840,750	13,677	14,765	23,346	388,463	21,660	408,721	5,907,474	13,239,265	19,146,739
11	130,445	1,524,932	5,862,745	9,262,045	20,412	19,072	31,471	451,505	26,899	463,611	6,071,972	11,721,165	17,793,137
12	113,329	1,746,774	5,524,469	9,913,082	25,940	4,519	33,714	347,835	30,463	347,988	5,727,915	12,360,198	18,088,113
2026 1	143,847	990,056	6,289,279	9,985,382	97,056	5,960	49,000	459,289	45,219	486,358	6,624,401	11,927,045	18,551,446
2	110,710	648,957	4,902,009	7,210,162	r 47,925	3,467	26,854	282,276	23,436	295,031	r 5,110,934	8,439,893	r 13,550,827
3	163,857	1,110,470	7,155,853	10,350,514	r 115,616	6,093	72,617	556,808	71,965	571,990	r 7,579,908	12,595,875	r 20,175,783
4	144,595	838,329	7,626,494	9,017,739	58,009	17,781	33,510	464,183	27,459	476,741	7,890,067	10,814,773	18,704,840
5	190,062	854,386	6,653,795	9,003,490	53,563	217	32,735	469,600	29,594	486,887	6,959,749	10,814,580	17,774,329
6	184,487	1,077,408	7,570,067	11,802,456	56,552	5,773	39,375	510,660	39,799	518,695	7,890,280	13,914,992	21,805,272
7	193,239	1,002,250	7,998,647	10,608,889	76,453	1,670	49,588	532,662	50,307	525,061	8,368,234	12,670,532	21,038,766
8	156,415	778,888	7,043,347	10,089,527	r 25,922	38,088	29,136	399,282	27,224	396,497	r 7,282,044	11,702,282	r 18,984,326
9	178,965	884,802	7,432,016	10,270,506	62,054	39,529	35,208	427,572	33,628	398,988	7,741,871	12,021,397	19,763,268

Notes:

1. All figures are adjusted for double-counting.
2. The data before Jan. 1998 are not available.
3. Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
1998	0	0	0	78	0	0	0	0	0	78	78
1999	0	0	0	0	0	49	0	0	0	49	49
2000	0	0	0	0	0	0	0	0	0	0	0
2000 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2001 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2002 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	2	0	2	0	0	0	0	0	4	4
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2003 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2004 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	253	0	0	0	0	0	253	253
12	0	0	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2005 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2006 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2007 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2008 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2009 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2010 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2011 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2012 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2013 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2014 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
2015 1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	53,209	0	53,121	0	0	0	0	0	106,330	106,330
8	0	208,419	0	208,629	0	0	0	0	0	417,048	417,048
9	0	143,938	0	149,162	0	0	0	0	0	293,100	293,100
10	0	363,340	0	363,538	0	0	0	0	0	726,878	726,878
11	0	56,909	0	56,689	0	0	0	0	0	113,598	113,598
12	0	240,322	0	241,647	0	0	0	0	0	481,969	481,969
2016 1	0	67,154	0	67,522	0	0	0	0	0	134,676	134,676
2	0	22,404	0	21,509	0	0	0	0	0	43,913	43,913
3	0	32,081	0	32,039	0	0	0	0	0	64,120	64,120
4	5,315	15,584	5,805	15,586	0	0	0	0	11,120	31,170	42,290
5	0	63,337	0	63,025	0	0	0	0	0	126,362	126,362
6	0	67,154	0	67,522	0	0	0	0	0	134,676	134,676
7	0	43,712	0	44,169	0	29,072	0	28,693	0	145,646	145,646
8	0	39,561	0	38,243	0	36,335	0	34,732	0	148,871	148,871
9	0	27,758	0	28,939	0	2,960	0	2,196	0	61,853	61,853
10	0	49,686	0	48,908	0	3,186	0	3,150	0	104,930	104,930
11	0	31,470	0	31,315	0	3,600	0	3,503	0	69,888	69,888
12	0	42,048	0	41,783	0	4,452	0	2,954	0	91,237	91,237

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2017 1	0	12,502	0	12,375	0	2,871	0	2,418	0	30,166	30,166
2	0	39,252	0	38,910	0	7,078	0	7,113	0	92,353	92,353
3	0	25,039	0	24,773	0	4,283	0	3,893	0	57,988	57,988
4	0	9,707	0	9,897	0	3,216	0	2,801	0	25,621	25,621
5	0	19,279	0	19,590	0	5,151	0	4,545	0	48,565	48,565
6	0	23,476	0	23,654	0	7,613	0	6,691	0	61,434	61,434
7	0	28,427	0	28,119	0	7,788	0	6,251	0	70,585	70,585
8	0	28,856	0	27,511	0	7,512	0	5,946	0	69,825	69,825
9	0	21,927	0	22,124	0	8,627	0	9,513	0	62,191	62,191
10	0	18,854	0	18,210	0	5,673	0	4,656	0	47,393	47,393
11	0	21,598	0	21,210	0	6,572	0	5,706	0	55,086	55,086
12	0	14,608	0	14,813	0	7,477	0	5,840	0	42,738	42,738
2018 1	0	20,411	0	23,202	0	11,538	0	9,898	0	65,049	65,049
2	0	11,761	0	13,021	0	1,392	0	1,530	0	27,704	27,704
3	0	18,800	0	22,213	0	6,129	0	4,601	0	51,743	51,743
4	0	53,420	0	52,132	0	13,686	0	10,548	0	129,786	129,786
5	0	41,441	0	38,566	0	10,148	0	7,128	0	97,283	97,283
6	0	43,079	0	42,725	0	4,892	0	3,327	0	94,023	94,023
7	0	48,959	0	51,630	0	11,771	0	10,051	0	122,411	122,411
8	0	30,625	0	31,479	0	4,432	0	3,014	0	69,550	69,550
9	0	13,028	0	11,391	0	2,970	0	411	0	27,800	27,800
10	0	12,391	0	10,259	0	3,422	0	2,106	0	28,178	28,178
11	0	20,954	0	18,873	0	6,956	0	5,818	0	52,601	52,601
12	0	18,256	0	17,389	0	3,323	0	3,309	0	42,277	42,277
2019 1	0	38,688	0	38,710	0	11,140	0	7,637	0	96,175	96,175
2	0	26,211	0	24,338	0	9,942	0	8,437	0	68,928	68,928
3	0	52,428	0	50,668	0	9,681	0	8,814	0	121,591	121,591
4	0	34,357	0	37,003	0	11,370	0	9,691	0	92,421	92,421
5	0	48,853	0	49,080	0	8,207	0	8,418	0	114,558	114,558
6	0	35,696	0	33,978	0	10,787	0	10,198	0	90,659	90,659
7	0	26,205	0	25,882	0	2,918	0	3,432	0	58,437	58,437
8	0	31,643	0	32,407	0	2,602	0	2,392	0	69,044	69,044
9	0	22,272	0	21,282	0	2,594	0	3,112	0	49,260	49,260
10	0	28,783	0	27,373	0	1,653	0	1,871	0	59,680	59,680
11	0	22,776	0	22,319	0	2,542	0	2,430	0	50,067	50,067
12	0	15,632	0	15,758	0	1,938	0	2,117	0	35,445	35,445

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2020 1	0	19,684	0	18,999	0	1,677	0	1,802	0	42,162	42,162
2	0	17,527	0	18,049	0	2,653	0	2,765	0	40,994	40,994
3	0	28,590	0	28,440	0	909	0	1,179	0	59,118	59,118
4	0	11,955	0	12,863	0	1,568	0	1,591	0	27,977	27,977
5	0	12,224	0	11,359	0	2,362	0	2,345	0	28,290	28,290
6	0	17,836	0	17,859	0	1,468	0	1,772	0	38,935	38,935
7	0	14,026	0	14,301	0	1,874	0	1,840	0	32,041	32,041
8	0	15,055	0	15,490	0	1,778	0	1,589	0	33,912	33,912
9	0	17,001	0	16,205	0	1,233	0	1,282	0	35,721	35,721
10	0	16,583	0	16,469	0	110	0	77	0	33,239	33,239
11	0	9,358	0	9,751	0	58	0	17	0	19,184	19,184
12	0	10,413	0	11,391	0	0	0	11	0	21,815	21,815
2021 1	0	5,405	0	5,694	0	0	0	0	0	11,099	11,099
2	0	6,450	0	5,751	0	0	0	0	0	12,201	12,201
3	0	12,094	0	12,783	0	0	0	14	0	24,891	24,891
4	0	9,545	0	9,380	0	0	0	0	0	18,925	18,925
5	0	11,146	0	11,033	0	0	0	0	0	22,179	22,179
6	0	5,114	0	5,329	0	0	0	0	0	10,443	10,443
7	0	2,473	0	2,600	0	0	0	0	0	5,073	5,073
8	0	3,060	0	2,946	0	0	0	0	0	6,006	6,006
9	0	5,272	0	5,682	0	0	0	0	0	10,954	10,954
10	0	3,589	0	3,883	0	0	0	0	0	7,472	7,472
11	0	1,230	0	860	0	0	0	0	0	2,090	2,090
12	0	3,113	0	3,072	0	0	0	0	0	6,185	6,185
2022 1	0	2,852	0	3,012	0	0	0	0	0	5,864	5,864
2	0	3,093	0	3,004	0	0	0	0	0	6,097	6,097
3	0	2,498	0	2,133	0	0	0	0	0	4,631	4,631
4	0	2,007	0	2,126	0	0	0	0	0	4,133	4,133
5	0	1,710	0	1,634	0	0	0	0	0	3,344	3,344
6	0	3,377	0	3,733	0	0	0	0	0	7,110	7,110
7	0	1,487	0	1,520	0	0	0	0	0	3,007	3,007
8	0	1,922	0	2,811	0	0	0	0	0	4,733	4,733
9	0	3,631	0	2,412	0	0	0	0	0	6,043	6,043
10	0	2,940	0	1,612	0	0	0	0	0	4,552	4,552
11	0	2,171	0	2,795	0	0	0	0	0	4,966	4,966
12	0	1,166	0	1,928	0	0	0	0	0	3,094	3,094

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2023 1	0	2,220	0	1,488	0	0	0	0	0	3,708	3,708
2	0	762	0	1,205	0	0	0	0	0	1,967	1,967
3	0	1,258	0	1,384	0	0	0	0	0	2,642	2,642
4	0	1,270	0	1,148	0	0	0	0	0	2,418	2,418
5	0	1,233	0	1,257	0	0	0	0	0	2,490	2,490
6	0	1,326	0	1,932	0	0	0	0	0	3,258	3,258
7	0	1,727	0	1,726	0	0	0	0	0	3,453	3,453
8	0	986	0	1,277	0	0	0	0	0	2,263	2,263
9	0	943	0	1,019	0	0	0	0	0	1,962	1,962
10	0	873	0	1,352	0	0	0	0	0	2,225	2,225
11	0	2,918	0	1,809	0	0	0	0	0	4,727	4,727
12	0	495	0	1,073	0	0	0	0	0	1,568	1,568
2024 1	0	1,748	0	1,385	0	0	0	0	0	3,133	3,133
2	0	914	0	1,131	0	0	0	0	0	2,045	2,045
3	0	2,177	0	1,669	0	0	0	0	0	3,846	3,846
4	0	709	0	1,097	0	0	0	0	0	1,806	1,806
5	0	1,372	0	2,366	0	0	0	0	0	3,738	3,738
6	0	2,446	0	1,810	0	0	0	0	0	4,256	4,256
7	0	2,029	0	2,931	0	0	0	0	0	4,960	4,960
8	0	1,332	0	1,532	0	0	0	0	0	2,864	2,864
9	0	1,844	0	1,681	0	0	0	0	0	3,525	3,525
10	0	1,656	0	1,337	0	0	0	0	0	2,993	2,993
11	0	1,573	0	2,347	0	0	0	0	0	3,920	3,920
12	0	1,472	0	1,410	0	0	0	0	0	2,882	2,882
2025 1	0	2,013	0	2,572	0	0	0	0	0	4,585	4,585
2	0	1,452	0	1,406	0	0	0	0	0	2,858	2,858
3	0	679	0	760	0	0	0	0	0	1,439	1,439
4	0	4,520	0	3,631	0	0	0	0	0	8,151	8,151
5	0	2,726	0	2,101	0	0	0	0	0	4,827	4,827
6	0	2,318	0	2,529	0	0	0	0	0	4,847	4,847
7	0	14,735	0	15,296	0	0	0	0	0	30,031	30,031
8	0	2,759	0	1,951	0	0	0	0	0	4,710	4,710
9	0	2,326	0	2,024	0	0	0	0	0	4,350	4,350
10	0	1,413	0	2,499	0	0	0	0	0	3,912	3,912
11	0	1,456	0	1,920	0	0	0	0	0	3,376	3,376
12	0	1,519	0	1,837	0	0	0	0	0	3,356	3,356

Notional Amounts Turnover of Exchange-Traded Foreign Exchange Derivatives by Instrument

NTD Millions

Year or Month	Future- Long Positions		Future- Short Positions		Bought Options		Sold Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2026 1	0	1,846	0	1,341	0	0	0	0	0	3,187	3,187
2	0	2,206	0	1,054	0	0	0	0	0	3,260	3,260
3	0	2,521	0	3,290	0	0	0	0	0	5,811	5,811
4	0	1,826	0	1,937	0	0	0	0	0	3,763	3,763
5	0	2,243	0	3,988	0	0	0	0	0	6,231	6,231
6	0	2,628	0	2,573	0	0	0	0	0	5,201	5,201
7	0	1,811	0	2,466	0	0	0	0	0	4,277	4,277
8	0	2,124	0	2,660	0	0	0	0	0	4,784	4,784
9	0	1,681	0	1,693	0	0	0	0	0	3,374	3,374

Notes:

1.All figures are adjusted for double-counting.

2.The data before Jan. 1998 are not available.

3.Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
1998	0	0	0	0	0	0	2,023	0	0	2,023
1999	0	0	0	0	0	0	13,490	0	0	13,490
2000	0	0	0	0	0	0	56,686	0	0	56,686
2000 1	0	0	0	0	0	0	3,704	0	0	3,704
2	0	0	0	0	0	0	5,518	0	0	5,518
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2,374	0	0	2,374
5	0	0	0	0	0	0	744	0	0	744
6	0	0	0	0	0	0	1,646	0	0	1,646
7	0	0	0	0	0	0	8,144	0	0	8,144
8	0	0	0	0	0	0	1,244	0	0	1,244
9	0	0	0	0	0	0	16,883	0	0	16,883
10	0	0	0	0	0	0	5,872	0	0	5,872
11	0	0	0	0	0	0	7,601	0	0	7,601
12	0	0	0	0	0	0	2,956	0	0	2,956
2001 1	0	0	0	0	0	0	934	0	0	934
2	0	0	0	0	0	0	5,262	0	0	5,262
3	0	0	0	0	0	0	1,318	0	0	1,318
4	0	0	0	0	0	0	0	0	0	0
5	0	1,033	0	0	1,033	0	3,909	0	0	3,909
6	0	0	0	0	0	0	268	0	0	268
7	0	0	0	0	0	0	576	0	0	576
8	0	0	0	433	433	0	1,514	0	0	1,514
9	0	0	0	0	0	0	4,821	0	0	4,821
10	0	596	0	0	596	0	8,170	0	0	8,170
11	0	0	0	0	0	0	1,048	0	0	1,048
12	500	45	0	0	545	0	0	0	0	0
2002 1	0	0	0	0	0	0	164	0	0	164
2	0	913	0	0	913	0	8,928	0	0	8,928
3	0	5,323	0	0	5,323	0	0	0	0	0
4	0	2,929	0	0	2,929	0	1,596	0	0	1,596
5	0	896	0	0	896	0	2,184	0	0	2,184
6	0	632	0	0	632	0	2,492	0	0	2,492
7	332	1,076	0	0	1,408	0	3,135	0	3,135	6,270
8	0	1,322	0	0	1,322	0	8,828	0	0	8,828
9	0	4,455	0	0	4,455	0	14,772	0	0	14,772

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
10	0	775	0	0	775	0	9,422	0	0	9,422
11	0	619	0	0	619	0	5,525	0	0	5,525
12	0	0	0	0	0	0	0	0	0	0
2003 1	0	2,709	0	0	2,709	0	33,475	0	0	33,475
2	0	2,773	0	0	2,773	0	1,094	0	0	1,094
3	0	3,622	0	862	4,484	0	1,434	0	0	1,434
4	413	1,713	0	1,650	3,776	0	764	0	0	764
5	0	2,455	0	2,139	4,594	0	144	0	0	144
6	0	1,463	0	7,767	9,230	0	8,306	0	0	8,306
7	0	2,986	0	9,165	12,151	0	10,310	0	0	10,310
8	0	1,673	0	2,943	4,616	0	22,265	0	0	22,265
9	195	1,754	0	94	2,043	0	26,890	0	0	26,890
10	0	3,414	0	0	3,414	0	2,302	0	0	2,302
11	420	5,159	168	27	5,774	0	17,244	0	0	17,244
12	0	1,515	501	84	2,100	0	1,650	0	0	1,650
2004 1	114	4,637	269	47	5,067	0	27,384	0	0	27,384
2	2,166	4,055	85	11,432	17,738	0	34	0	0	34
3	694	9,806	1,525	22,150	34,175	0	20,562	0	0	20,562
4	332	4,603	916	24,780	30,631	0	17,044	0	0	17,044
5	410	2,995	908	2,832	7,145	0	24,144	0	0	24,144
6	267	3,292	106	76	3,741	0	20,935	0	0	20,935
7	1,647	3,235	1,406	19,209	25,497	0	0	0	0	0
8	189	3,363	6,235	0	9,787	10,000	40,382	0	0	50,382
9	167	1,233	1,664	58	3,122	0	1,048	0	0	1,048
10	50	615	933	19	1,617	0	36,672	0	0	36,672
11	167	464	1,173	30	1,834	0	36,139	0	0	36,139
12	275	225	446	19	965	0	0	0	0	0
2005 1	6,105	3,132	4,049	9	13,295	0	34	0	0	34
2	2,190	354	2,349	0	4,893	0	21,972	0	0	21,972
3	623	4,608	10,955	19	16,205	0	37,775	0	0	37,775
4	185	257	7,106	9	7,557	0	16,294	0	0	16,294
5	82	339	8,335	112	8,868	0	37,751	0	0	37,751
6	286	626	7,919	315	9,146	0	446	0	0	446
7	3,951	457	5,796	30	10,234	0	472	0	0	472
8	528	935	6,391	131	7,985	0	16,062	0	0	16,062
9	934	131	4,665	20	5,750	194	458	0	0	652
10	1,474	1,205	4,906	60	7,645	0	48,296	0	0	48,296

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
11	650	396	6,496	1,962	9,504	0	6	0	0	6
12	640	0	5,991	306	6,937	0	24	0	0	24
2006 1	201	8,500	2,944	31	11,676	0	0	0	0	0
2	23	384	4,375	0	4,782	0	14,432	0	0	14,432
3	803	2,770	4,619	21	8,213	0	156	0	0	156
4	567	4,445	3,570	34	8,616	0	517	0	0	517
5	1,361	9,480	6,172	0	17,013	0	4,422	422	0	4,844
6	1,814	1,021	7,514	20	10,369	0	2,360	0	0	2,360
7	116	630	9,136	21	9,903	0	3,210	0	0	3,210
8	173	1,182	10,590	0	11,945	0	8,424	0	0	8,424
9	1,928	2,504	9,052	11	13,495	0	8,398	0	0	8,398
10	260	682	8,292	23	9,257	0	4,578	0	0	4,578
11	1,037	654	11,641	148	13,480	0	6,621	0	0	6,621
12	551	184	9,356	162	10,253	0	6,537	0	0	6,537
2007 1	827	1,255	9,514	12	11,608	0	33,534	0	0	33,534
2	228	3,481	3,888	0	7,597	0	3,719	0	0	3,719
3	929	2,537	7,800	12	11,278	0	14,370	0	0	14,370
4	1,806	4,230	215,081	2,493	223,610	0	10,711	0	0	10,711
5	640	2,746	233,698	1,965	239,049	0	11,549	0	0	11,549
6	1,268	937	240,905	2,027	245,137	0	10,930	0	0	10,930
7	947	256	385,512	5,781	392,496	0	11,994	0	0	11,994
8	381	385	485,605	4,436	490,807	0	40,401	0	0	40,401
9	313	751	186,440	3,410	190,914	0	23,953	0	0	23,953
10	261	2,111	244,736	3,914	251,022	0	19,421	0	0	19,421
11	1,609	1,298	337,412	4,114	344,433	0	40,804	0	0	40,804
12	246	652	238,014	3,611	242,523	0	6,280	0	0	6,280
2008 1	71	2,506	392,907	7,683	403,167	0	59,553	0	0	59,553
2	41	16	156,609	7,820	164,486	0	16,190	0	0	16,190
3	115	285	345,262	13,025	358,687	0	41,184	345	0	41,529
4	811	278	261,043	4,067	266,199	0	44,040	30,614	59	74,713
5	110	0	300,789	7,709	308,608	0	26,754	27,060	96	53,910
6	131	716	382,960	10,362	394,169	0	60,208	26,511	133	86,852
7	315	0	370,930	14,034	385,279	0	166,500	31,393	46	197,939
8	0	120	300,336	12,786	313,242	0	59,745	25,749	40	85,534
9	139	0	332,040	15,351	347,530	0	66,228	30,484	662	97,374
10	30	0	252,318	12,357	264,705	0	37,615	26,474	2,468	66,557
11	18	0	171,850	4,906	176,774	0	42,987	26,624	876	70,487

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
12	0	0	196,335	6,259	202,594	0	118,991	26,530	585	146,106
2009 1	229	14	138,331	3,626	142,200	0	41,610	57,245	886	99,741
2	72	70	179,359	3,817	183,318	0	20,788	92,249	2,677	115,714
3	132	146	205,813	3,849	209,940	0	103,777	90,881	1,533	196,191
4	126	76	217,842	8,657	226,701	0	96,905	93,916	970	191,791
5	177	0	203,917	5,080	209,174	0	61,599	37,287	781	99,667
6	327	53	229,960	3,049	233,389	0	58,122	37,993	905	97,020
7	302	0	231,440	5,807	237,549	0	70,212	37,137	778	108,127
8	196	282	214,704	2,496	217,678	0	47,581	37,079	734	85,394
9	372	366	265,462	4,234	270,434	0	47,190	38,192	2,501	87,883
10	294	0	249,886	2,458	252,638	0	49,119	40,817	2,544	92,480
11	366	518	276,560	3,077	280,521	0	27,087	41,156	2,082	70,325
12	441	147	271,700	3,643	275,931	0	47,896	45,424	348	93,668
2010 1	437	677	290,552	2,887	294,553	0	57,940	953	1,229	60,122
2	163	0	225,482	4,089	229,734	0	57,946	607	881	59,434
3	119	70	363,419	3,561	367,169	0	71,538	438	4,294	76,270
4	659	313	489,178	1,539	491,689	0	55,582	701	5,370	61,653
5	337	1,594	571,734	8,048	581,713	0	45,749	878	8,783	55,410
6	484	293	343,505	5,234	349,516	0	63,006	768	11,181	74,955
7	248	135	370,214	5,776	376,373	0	59,226	503	1,360	61,089
8	240	171	349,295	7,696	357,402	0	62,326	546	41,854	104,726
9	139	76	343,265	2,465	345,945	0	34,054	714	13,275	48,043
10	205	156	396,698	7,256	404,315	0	37,420	1,351	3,399	42,170
11	350	353	383,209	4,343	388,255	0	42,073	1,072	3,469	46,614
12	320	251	371,441	2,968	374,980	0	48,520	1,289	4,555	54,364
2011 1	1,298	1,350	547,617	6,401	556,666	0	54,432	1,894	29,074	85,400
2	827	197	673,684	6,799	681,507	0	34,022	1,342	89,494	124,858
3	151,852	1,090	753,756	22,796	929,494	0	39,167	1,016	74,205	114,388
4	1,880	2,100	612,754	27,976	644,710	0	31,256	15,416	46,842	93,514
5	5,068	774	586,520	24,817	617,179	0	55,990	1,058	22,841	79,889
6	7,152	2,027	441,858	24,277	475,314	0	90,555	1,251	23,492	115,298
7	3,555	1,841	385,693	21,214	412,303	0	51,690	1,296	16,236	69,222
8	1,495	688	509,341	41,882	553,406	0	62,511	2,700	20,239	85,450
9	5,688	144	325,643	41,733	373,208	0	61,683	1,607	25,038	88,328
10	2,944	1,199	221,052	19,989	245,184	30	93,345	1,962	14,813	110,150
11	6,354	636	260,292	30,092	297,374	0	42,195	1,751	5,826	49,772
12	3,973	226	217,623	7,678	229,500	0	38,527	2,094	5,012	45,633

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
2012 1	852	864	167,473	10,488	179,677	0	40,106	1,303	9,214	50,623
2	745	1,591	259,287	10,904	272,527	0	68,799	3,088	7,255	79,142
3	1,113	1,195	306,104	18,862	327,274	0	42,916	1,496	6,546	50,958
4	789	1,572	258,123	15,732	276,216	0	31,479	1,887	4,033	37,399
5	733	2,489	266,892	14,767	284,881	0	39,404	1,712	5,024	46,140
6	768	462	179,819	13,283	194,332	0	34,705	2,015	2,695	39,415
7	129	2,140	201,993	18,238	222,500	0	41,273	1,444	6,855	49,572
8	408	3,028	220,225	5,619	229,280	0	41,013	2,020	5,028	48,061
9	438	3,312	191,493	3,681	198,924	0	31,862	1,641	2,193	35,696
10	512	5,845	290,667	5,487	302,511	0	32,246	1,422	7,060	40,728
11	484	3,753	372,193	8,611	385,041	0	29,982	928	8,770	39,680
12	360	1,870	337,329	6,162	345,721	0	22,253	1,352	7,104	30,709
2013 1	901	11,232	389,923	4,013	406,069	0	21,192	1,137	6,134	28,463
2	387	3,466	181,711	5,135	190,699	0	16,260	1,296	3,120	20,676
3	926	2,074	288,337	7,928	299,265	0	19,633	1,005	7,509	28,147
4	471	4,721	338,405	9,600	353,197	0	15,028	2,660	13,723	31,411
5	905	1,565	431,398	14,343	448,211	0	14,167	1,690	18,539	34,396
6	174	1,753	303,876	26,543	332,346	0	14,711	1,690	8,489	24,890
7	426	5,138	407,880	10,868	424,312	0	16,469	1,543	11,295	29,307
8	675	5,096	329,043	17,193	352,007	0	12,113	2,442	17,933	32,488
9	28	3,002	349,480	6,496	359,006	0	9,657	1,332	8,774	19,763
10	52	2,890	315,120	7,533	325,595	0	11,938	1,448	10,315	23,701
11	112	1,673	325,213	4,155	331,153	0	9,754	946	4,573	15,273
12	1,488	1,026	353,494	1,094	357,102	0	11,211	1,292	6,094	18,597
2014 1	4,910	2,614	353,676	7,430	368,630	0	12,460	940	9,887	23,287
2	3,794	555	380,442	5,839	390,630	0	10,688	1,069	32,745	44,502
3	3,715	585	563,273	12,992	580,565	0	9,442	707	121,103	131,252
4	1,984	616	629,731	7,712	640,043	0	8,077	709	35,444	44,230
5	5,317	468	542,152	8,808	556,745	0	12,363	951	74,883	88,197
6	15,845	2,524	368,529	3,283	390,181	0	8,168	1,173	46,643	55,984
7	2,335	340	530,854	7,961	541,490	0	11,364	666	30,277	42,307
8	266	311	424,666	16,402	441,645	0	11,840	684	7,860	20,384
9	5,369	278	448,116	14,382	468,145	0	14,156	573	11,620	26,349
10	7,825	296	454,676	28,671	491,468	0	7,031	709	3,205	10,945
11	970	482	308,646	8,497	318,595	0	6,322	646	9,733	16,701
12	266	60	439,607	9,034	448,967	0	5,371	1,079	7,576	14,026

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
2015 1	79	1,333	423,587	17,495	442,494	0	14,359	791	24,656	39,806
2	393	1,008	216,076	3,231	220,708	0	7,896	673	27,503	36,072
3	86	902	293,260	3,956	298,204	1,625	9,598	833	37,447	49,503
4	135	431	358,513	8,544	367,623	8	8,669	681	35,323	44,681
5	89	496	311,095	4,759	316,439	0	10,526	590	13,254	24,370
6	230	7,677	397,416	5,481	410,804	0	7,465	661	8,140	16,266
7	238	1,597	364,809	4,079	370,723	0	20,005	849	23,142	43,996
8	102	257	414,254	8,226	422,839	0	12,699	1,295	7,026	21,020
9	50	197	387,766	12,039	400,052	0	12,256	516	24,954	37,726
10	35	353	302,818	5,548	308,754	0	8,963	790	35,498	45,251
11	91	444	354,267	5,089	359,891	0	8,086	606	5,022	13,714
12	30	563	483,051	7,484	491,128	0	8,618	745	3,303	12,666
2016 1	0	300	516,289	18,007	534,596	0	7,666	905	10,473	19,044
2	5	121	191,952	13,130	205,208	0	4,305	1,110	4,790	10,205
3	78	243	377,048	7,503	384,872	0	8,582	787	7,009	16,378
4	77	176	321,415	5,922	327,590	0	9,906	708	22,684	33,298
5	139	469	295,325	9,691	305,624	0	8,025	793	6,213	15,031
6	0	300	516,289	18,007	534,596	0	7,666	905	10,473	19,044
7	0	761	304,688	6,369	311,818	0	9,169	955	7,442	17,566
8	301	349	370,016	5,265	375,931	0	9,936	747	2,857	13,540
9	65	579	275,628	12,787	289,059	0	10,744	848	3,026	14,618
10	45	413	160,230	12,955	173,643	0	7,047	852	2,563	10,462
11	91	104	241,221	7,039	248,455	0	7,970	692	1,517	10,179
12	123	417	137,901	1,995	140,436	0	6,057	696	3,159	9,912
2017 1	50	906	132,104	3,489	136,549	0	9,363	664	9,029	19,056
2	0	361	163,851	4,366	168,578	0	8,285	702	4,545	13,532
3	0	430	413,127	2,819	416,376	0	11,332	704	3,252	15,288
4	10	192	415,837	3,232	419,271	0	7,102	811	1,291	9,204
5	0	42	519,502	2,866	522,410	0	7,078	730	1,926	9,734
6	0	388	655,258	5,654	661,300	0	7,223	803	2,669	10,695
7	0	54	379,410	5,792	385,256	0	6,313	645	2,724	9,682
8	0	478	394,444	5,493	400,415	0	6,961	948	9,825	17,734
9	0	137	328,105	2,581	330,823	0	6,604	731	4,241	11,576
10	0	219	247,109	2,937	250,265	0	6,663	708	7,754	15,125
11	0	287	288,564	11,972	300,823	0	4,036	775	5,105	9,916
12	10	239,602	11,784	199	251,595	0	4,036	775	5,105	9,916

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
2018 1	256	1,292	281,983	15,288	298,819	0	7,301	685	4,639	12,625
2	149	2,204	270,446	9,725	282,524	0	3,763	440	2,776	6,979
3	5	2,348	286,750	32,221	321,324	0	7,936	763	5,209	13,908
4	0	2,179	337,716	19,316	359,211	0	9,309	783	4,180	14,272
5	21	1,680	418,694	21,451	441,846	0	10,037	733	5,485	16,255
6	0	806	369,913	13,020	383,739	0	12,028	722	2,280	15,030
7	0	719	383,629	7,982	392,330	0	9,668	797	4,167	14,632
8	1,474	258	407,251	5,327	414,310	0	11,676	782	4,900	17,358
9	5,495	81	273,127	5,634	284,337	0	10,161	590	2,339	13,090
10	13,097	366	477,939	19,594	510,996	0	8,430	817	5,364	14,611
11	1,804	0	276,081	16,487	294,372	0	8,665	717	2,457	11,839
12	1,851	219	187,999	8,576	198,645	0	7,585	751	1,145	9,481
2019 1	3,652	427	180,494	18,038	202,611	0	13,175	682	2,981	16,838
2	730	218	95,526	12,281	108,755	0	7,422	466	2,917	10,805
3	2,479	372	130,640	19,366	152,857	0	11,645	613	7,768	20,026
4	0	494	129,400	6,701	136,595	0	8,360	589	8,832	17,781
5	0	532	212,876	20,085	233,493	0	12,377	805	6,266	19,448
6	0	226	214,842	9,526	224,594	0	10,373	1,098	18,808	30,279
7	45	2,300	264,200	6,232	272,777	0	12,683	1,382	19,267	33,332
8	60	1,726	306,944	6,394	315,124	0	13,325	3,205	21,947	38,477
9	65	1,743	256,592	6,791	265,191	0	6,542	2,771	17,126	26,439
10	40	825	357,555	9,904	368,324	0	9,620	2,466	9,829	21,915
11	72	2,894	439,696	8,463	451,125	0	6,534	1,369	8,140	16,043
12	22	74	382,685	5,403	388,184	0	4,637	1,892	4,658	11,187
2020 1	23	627	413,827	10,202	424,679	0	10,610	1,709	17,892	30,211
2	69	577	482,733	8,619	491,998	0	4,521	1,285	30,024	35,830
3	40	34	625,298	23,464	648,836	0	6,375	1,530	12,990	20,895
4	11	166	298,446	7,903	306,526	0	6,913	1,139	9,241	17,293
5	18	688	269,420	9,556	279,682	0	4,334	795	4,728	9,857
6	110	384	343,216	5,102	348,812	0	5,889	1,782	7,158	14,829
7	18	212	430,952	6,674	437,856	0	9,359	1,088	17,727	28,174
8	19	160	281,334	6,468	287,981	0	11,971	659	10,064	22,694
9	20	190	265,904	8,666	274,780	0	11,515	792	7,712	20,019
10	0	569	139,465	6,397	146,431	0	5,631	59	1,153	6,843
11	18	457	183,867	6,508	190,850	0	11,798	1	2,146	13,945
12	18	289	261,753	4,329	266,389	0	8,350	3	1,380	9,733

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
2021 1	163	1,395	303,858	11,125	316,541	0	9,569	0	2,164	11,733
2	403	866	151,532	13,874	166,675	0	9,598	0	1,320	10,918
3	162	1,180	265,267	18,839	285,448	0	14,120	349	3,919	18,388
4	333	1,034	232,078	3,762	237,207	0	13,503	308	5,205	19,016
5	55	747	213,455	7,085	221,342	0	7,045	14	3,643	10,702
6	90	850	63,325	3,080	67,345	0	14,494	0	1,094	15,588
7	111	1,207	137,457	6,379	145,154	0	9,989	0	1,518	11,507
8	136	1,335	146,186	6,952	154,609	0	7,349	0	3,364	10,713
9	61	1,141	118,008	11,687	130,897	0	6,736	0	1,226	7,962
10	591	1,295	106,965	10,900	119,751	0	6,200	0	1,876	8,076
11	399	1,054	83,883	5,406	90,742	0	8,467	0	2,075	10,542
12	292	230	68,895	5,966	75,383	0	8,676	0	392	9,068
2022 1	104	1,795	95,572	20,295	117,766	0	6,980	0	686	7,666
2	438	270	57,869	13,136	71,713	0	6,611	0	388	6,999
3	97	564	131,698	12,526	144,885	0	9,496	53	1,130	10,679
4	236	423	76,868	12,110	89,637	0	10,859	0	521	11,380
5	88	389	76,638	15,404	92,519	0	8,487	0	2,099	10,586
6	53	364	73,725	12,684	86,826	0	7,969	0	1,522	9,491
7	37	248	83,140	16,027	99,452	0	5,207	0	1,193	6,400
8	43	563	95,868	12,804	109,278	0	8,921	0	1,144	10,065
9	145	217	194,105	19,696	214,163	0	6,682	0	2,181	8,863
10	10	1,394	116,438	14,558	132,400	0	8,481	0	1,938	10,419
11	1	1,752	109,167	10,938	121,858	0	4,231	0	2,282	6,513
12	0	2,464	30,678	4,164	37,306	0	3,689	0	931	4,620
2023 1	5	1,865	36,545	6,153	44,568	0	5,303	0	4,448	9,751
2	0	4,488	71,476	26,538	102,502	0	5,401	0	5,042	10,443
3	0	4,855	108,970	34,095	147,920	0	5,045	0	7,999	13,044
4	0	3,341	64,996	16,162	84,499	0	4,923	0	6,836	11,759
5	0	4,514	94,818	26,111	125,443	0	3,977	0	7,190	11,167
6	0	8,668	83,163	20,168	111,999	0	3,315	0	7,256	10,571
7	30	8,100	88,498	8,911	105,539	0	3,674	0	6,430	10,104
8	45	4,357	82,171	12,014	98,587	0	8,103	0	4,824	12,927
9	5	4,054	61,941	15,291	81,291	0	3,838	0	3,706	7,544
10	0	2,571	69,209	31,094	102,874	0	3,916	0	6,149	10,065
11	0	2,795	73,681	18,618	95,094	0	2,509	0	4,502	7,011
12	0	9,622	24,793	6,136	40,551	0	5,399	0	1,126	6,525

Notional Amounts Turnover of Equity-Linked and Commodity Derivatives by Instrument

NTD Millions

Year or Month	Equity-Linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-Traded		Total	Over-the-counter		Exchange-Traded		Total
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency		NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	
2024 1	70	10,547	42,044	16,600	69,261	0	6,525	0	7,104	13,629
2	0	4,189	41,621	13,319	59,129	0	4,985	0	2,769	7,754
3	0	8,843	70,918	22,502	102,263	0	2,874	0	5,184	8,058
4	0	5,105	72,947	16,757	94,809	0	4,656	0	5,112	9,768
5	0	6,031	72,931	20,679	99,641	0	8,358	0	5,475	13,833
6	80	7,671	54,466	13,335	75,552	0	7,473	0	6,215	13,688
7	0	11,074	70,339	18,492	99,905	0	10,445	0	4,866	15,311
8	93	3,477	77,609	28,685	109,864	0	7,846	0	2,396	10,242
9	19	4,022	57,627	20,983	82,651	0	12,089	0	2,696	14,785
10	0	4,999	46,710	22,225	73,934	0	6,914	0	2,448	9,362
11	0	5,367	59,278	17,393	82,038	0	5,905	0	2,921	8,826
12	0	6,669	46,860	7,747	61,276	0	4,701	0	2,555	7,256
2025 1	69	7,804	53,908	12,255	74,036	0	3,663	0	1,755	5,418
2	100	7,483	72,923	19,242	99,748	0	4,446	0	2,915	7,361
3	0	4,415	78,515	27,406	110,336	0	8,441	0	2,720	11,161
4	10	1,480	63,582	29,718	94,790	0	9,161	0	3,255	12,416
5	0	4,061	56,649	18,087	78,797	0	10,809	0	5,793	16,602
6	75	7,018	54,143	12,868	74,104	0	9,938	0	5,597	15,535
7	242	8,497	62,953	20,889	92,581	0	10,829	0	4,064	14,893
8	175	12,272	56,530	22,100	91,077	0	8,860	0	2,465	11,325
9	328	11,208	48,065	24,480	84,081	0	6,799	0	7,479	14,278
10	100	13,604	69,476	21,324	104,504	0	12,222	0	16,191	28,413
11	0	6,736	83,002	19,776	109,514	0	10,996	0	8,602	19,598
12	150	7,170	79,226	14,155	100,701	0	8,594	0	2,435	11,029
2026 1	141	10,966	155,252	47,696	214,055	0	15,593	0	6,238	21,831
2	110	5,575	140,643	27,158	173,486	0	9,825	0	968	10,793
3	290	7,598	230,943	45,096	283,927	0	17,737	0	2,467	20,204
4	122	16,199	144,645	31,523	192,489	0	12,176	0	8,185	20,361
5	283	21,527	184,368	26,636	232,814	0	11,259	0	9,129	20,388
6	598	19,226	241,561	34,421	295,806	0	11,833	0	6,725	18,558
7	1,102	12,555	202,307	42,383	258,347	0	10,634	0	13,324	23,958
8	857	17,381	153,598	27,746	199,582	0	8,993	0	17,383	26,376
9	2,031	22,879	176,815	17,068	218,793	0	9,687	0	8,764	18,451

Notes:

1. All figures are adjusted for double-counting.
2. The data before Jan. 1998 are not available.
3. Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2004 1	0	450	0	0	0	0	0	0	0	450	450
2	0	799	0	67	0	0	0	0	0	866	866
3	0	1,571	0	116	0	0	0	0	0	1,687	1,687
4	1,116	328	0	33	0	0	0	0	1,116	361	1,477
5	2,026	532	0	100	0	0	0	0	2,026	632	2,658
6	730	464	1,100	0	0	0	0	0	1,830	464	2,294
7	6	0	3,200	0	0	0	0	0	3,206	0	3,206
8	400	477	5,700	0	0	0	0	0	6,100	477	6,577
9	5,400	543	0	0	0	0	150	0	5,550	543	6,093
10	0	67	0	0	0	0	530	167	530	234	764
11	600	419	0	0	0	0	0	0	600	419	1,019
12	60	319	0	0	0	0	0	0	60	319	379
2005 1	450	159	0	0	0	0	0	0	450	159	609
2	195	94	0	0	0	0	0	0	195	94	289
3	200	127	0	0	0	0	0	0	200	127	327
4	0	386	0	0	0	0	0	0	0	386	386
5	780	628	0	0	0	0	0	0	780	628	1,408
6	260	6,087	0	0	0	0	0	0	260	6,087	6,347
7	670	3,587	0	0	0	0	0	0	670	3,587	4,257
8	270	3,176	0	0	0	0	0	0	270	3,176	3,446
9	423	331	0	0	0	0	0	0	423	331	754
10	1,295	1,360	0	0	0	0	0	0	1,295	1,360	2,655
11	7,664	503	0	0	0	0	0	0	7,664	503	8,167
12	425	201	0	0	0	0	0	0	425	201	626
2006 1	1,517	240	0	0	0	0	0	0	1,517	240	1,757
2	643	747	0	0	0	0	0	0	643	747	1,390
3	990	7,308	0	0	0	0	0	0	990	7,308	8,298
4	7,291	7,451	0	0	0	0	0	0	7,291	7,451	14,742
5	4,130	3,658	0	0	0	0	0	0	4,130	3,658	7,788
6	835	1,518	0	0	0	0	0	0	835	1,518	2,353
7	785	1,622	0	0	0	0	0	0	785	1,622	2,407
8	1,036	1,209	0	0	0	0	0	0	1,036	1,209	2,245
9	6,010	1,537	0	0	0	0	0	0	6,010	1,537	7,547
10	382	664	0	0	0	0	0	0	382	664	1,046
11	4,955	2,954	0	0	0	0	0	486	4,955	3,440	8,395
12	2,514	1,611	0	0	0	33	0	0	2,514	1,644	4,158

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2007 1	595	2,440	0	0	0	0	0	0	595	2,440	3,035
2	24,180	3,230	0	0	0	0	0	657	24,180	3,887	28,067
3	243	6,419	0	0	0	0	0	0	243	6,419	6,662
4	3,280	12,178	0	0	0	0	0	0	3,280	12,178	15,458
5	460	3,100	0	0	0	0	0	0	460	3,100	3,560
6	2,841	11,407	0	0	0	0	0	0	2,841	11,407	14,248
7	190	35,917	0	0	0	0	0	0	190	35,917	36,107
8	781	30,440	0	0	0	0	0	0	781	30,440	31,221
9	55	23,509	0	0	0	0	0	0	55	23,509	23,564
10	190	8,590	0	0	0	0	0	1,401	190	9,991	10,181
11	30	23,223	0	0	0	0	0	0	30	23,223	23,253
12	10	9,086	0	0	0	0	0	0	10	9,086	9,096
2008 1	675	6,598	0	0	0	0	0	0	675	6,598	7,273
2	1,760	5,287	0	0	0	0	0	0	1,760	5,287	7,047
3	387	3,813	0	0	0	0	0	0	387	3,813	4,200
4	150	11,611	0	0	0	0	0	304	150	11,915	12,065
5	550	20,127	0	0	0	0	0	0	550	20,127	20,677
6	0	25,549	0	0	0	0	0	0	0	25,549	25,549
7	320	5,179	0	0	0	0	0	0	320	5,179	5,499
8	100	10,143	0	0	0	0	0	0	100	10,143	10,243
9	0	8,067	0	0	0	0	0	0	0	8,067	8,067
10	0	7,706	0	0	0	0	0	0	0	7,706	7,706
11	0	2,993	0	0	0	0	0	0	0	2,993	2,993
12	13	3,696	0	0	0	0	0	0	13	3,696	3,709
2009 1	0	6,433	0	0	0	0	0	0	0	6,433	6,433
2	100	3,769	0	0	0	0	0	0	100	3,769	3,869
3	800	9,431	0	0	0	0	0	0	800	9,431	10,231
4	960	3,668	0	0	0	0	0	0	960	3,668	4,628
5	55	4,703	0	0	0	0	0	0	55	4,703	4,758
6	75	3,748	0	0	0	0	0	0	75	3,748	3,823
7	445	13,274	0	0	0	0	0	0	445	13,274	13,719
8	243	10,326	0	0	0	0	0	0	243	10,326	10,569
9	57	13,457	0	0	0	0	0	0	57	13,457	13,514
10	470	22,807	0	0	0	0	0	0	470	22,807	23,277
11	166	12,000	0	0	0	0	0	0	166	12,000	12,166
12	100	10,029	0	0	0	0	0	0	100	10,029	10,129

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2010 1	340	40,529	0	0	0	0	0	0	340	40,529	40,869
2	10	56,721	0	0	0	0	0	0	10	56,721	56,731
3	0	18,931	0	0	0	0	0	0	0	18,931	18,931
4	100	37,229	0	0	0	0	0	0	100	37,229	37,329
5	30	53,838	0	0	0	0	0	0	30	53,838	53,868
6	100	20,387	0	0	0	0	0	0	100	20,387	20,487
7	0	13,910	0	0	0	0	0	0	0	13,910	13,910
8	10	20,742	0	0	0	0	0	0	10	20,742	20,752
9	0	23,636	0	0	0	0	0	0	0	23,636	23,636
10	100	19,414	0	0	0	0	0	0	100	19,414	19,514
11	0	13,753	0	0	0	0	0	0	0	13,753	13,753
12	0	2,989	0	0	0	0	0	0	0	2,989	2,989
2011 1	0	18,170	0	0	0	0	0	0	0	18,170	18,170
2	0	5,621	0	0	0	0	0	0	0	5,621	5,621
3	0	12,760	0	0	0	0	0	0	0	12,760	12,760
4	0	4,509	0	0	0	0	0	0	0	4,509	4,509
5	0	9,777	0	0	0	0	0	0	0	9,777	9,777
6	0	15,628	0	0	0	0	0	0	0	15,628	15,628
7	0	25,873	0	0	0	0	0	0	0	25,873	25,873
8	0	12,553	0	0	0	0	0	0	0	12,553	12,553
9	0	18,170	0	0	0	0	0	0	0	18,170	18,170
10	0	10,468	0	0	0	0	0	0	0	10,468	10,468
11	0	16,669	0	0	0	0	0	0	0	16,669	16,669
12	0	2,992	0	0	0	0	0	0	0	2,992	2,992
2012 1	0	6,299	0	0	0	0	0	0	0	6,299	6,299
2	0	11,395	0	0	0	0	0	0	0	11,395	11,395
3	0	8,555	0	0	0	0	0	0	0	8,555	8,555
4	3,000	4,308	0	0	0	0	0	0	3,000	4,308	7,308
5	3,000	10,403	0	0	0	0	0	0	3,000	10,403	13,403
6	0	4,869	0	0	0	0	0	0	0	4,869	4,869
7	0	1,318	0	0	0	0	0	0	0	1,318	1,318
8	0	1,988	0	0	0	0	0	0	0	1,988	1,988
9	0	1,867	0	0	0	0	0	0	0	1,867	1,867
10	0	4,990	0	0	0	0	0	0	0	4,990	4,990
11	0	6,307	0	0	0	0	0	0	0	6,307	6,307
12	0	3,864	0	0	0	0	0	0	0	3,864	3,864

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2013 1	0	11,522	0	0	0	0	0	0	0	11,522	11,522
2	0	1,404	0	0	0	0	0	0	0	1,404	1,404
3	0	3,946	0	0	0	0	0	0	0	3,946	3,946
4	0	2,642	0	0	0	0	0	0	0	2,642	2,642
5	0	4,515	0	0	0	0	0	0	0	4,515	4,515
6	0	10,694	0	0	0	0	0	0	0	10,694	10,694
7	0	2,873	0	0	0	0	0	0	0	2,873	2,873
8	0	1,681	0	0	0	0	0	0	0	1,681	1,681
9	0	1,902	0	0	0	0	0	0	0	1,902	1,902
10	0	349	0	0	0	0	0	0	0	349	349
11	0	903	0	0	0	0	0	0	0	903	903
12	0	2,829	0	0	0	0	0	0	0	2,829	2,829
2014 1	0	5,671	0	0	0	0	0	0	0	5,671	5,671
2	0	1,503	0	0	0	0	0	0	0	1,503	1,503
3	0	2,930	0	0	0	0	0	0	0	2,930	2,930
4	0	2,094	0	0	0	0	0	1,928	0	4,022	4,022
5	0	2,580	0	0	0	0	0	0	0	2,580	2,580
6	0	1,529	0	0	0	0	0	0	0	1,529	1,529
7	0	3,012	0	0	0	0	0	0	0	3,012	3,012
8	0	5,361	0	0	0	0	0	0	0	5,361	5,361
9	0	1,237	0	0	0	0	0	0	0	1,237	1,237
10	0	6,571	0	0	0	0	0	0	0	6,571	6,571
11	0	4,042	0	0	0	0	0	0	0	4,042	4,042
12	0	4,208	0	0	0	0	0	0	0	4,208	4,208
2015 1	0	9,753	0	0	0	0	0	0	0	9,753	9,753
2	0	504	0	0	0	0	0	0	0	504	504
3	0	2,740	0	0	0	0	0	0	0	2,740	2,740
4	0	3,335	0	0	0	0	0	0	0	3,335	3,335
5	0	1,428	0	0	0	0	0	0	0	1,428	1,428
6	0	1,716	0	0	0	0	0	0	0	1,716	1,716
7	0	1,822	0	0	0	0	0	0	0	1,822	1,822
8	0	5,496	0	0	0	0	0	0	0	5,496	5,496
9	0	3,779	0	0	0	0	0	0	0	3,779	3,779
10	0	1,839	0	0	0	0	0	0	0	1,839	1,839
11	0	2,213	0	0	0	0	0	0	0	2,213	2,213
12	0	1,173	0	0	0	0	0	0	0	1,173	1,173

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2016 1	0	6,665	0	0	0	0	0	0	0	6,665	6,665
2	0	5,675	0	0	0	0	0	0	0	5,675	5,675
3	0	5,522	0	0	0	0	0	0	0	5,522	5,522
4	0	2,791	0	0	0	0	0	0	0	2,791	2,791
5	0	1,861	0	0	0	0	0	0	0	1,861	1,861
6	0	6,665	0	0	0	0	0	0	0	6,665	6,665
7	0	1,702	0	0	0	0	0	0	0	1,702	1,702
8	0	1,375	0	0	0	0	0	0	0	1,375	1,375
9	0	576	0	0	0	0	0	0	0	576	576
10	0	365	0	0	0	0	0	0	0	365	365
11	0	1,116	0	0	0	0	0	0	0	1,116	1,116
12	0	969	0	0	0	0	0	0	0	969	969
2017 1	0	1,557	0	0	0	0	0	0	0	1,557	1,557
2	0	2,764	0	0	0	0	0	0	0	2,764	2,764
3	0	3,419	0	0	0	0	0	0	0	3,419	3,419
4	0	3,285	0	0	0	0	0	0	0	3,285	3,285
5	0	3,655	0	0	0	0	0	0	0	3,655	3,655
6	0	4,729	0	0	0	0	0	0	0	4,729	4,729
7	0	302	0	0	0	0	0	0	0	302	302
8	0	1,577	0	0	0	0	0	0	0	1,577	1,577
9	0	3,181	0	0	0	0	0	0	0	3,181	3,181
10	0	302	0	0	0	0	0	0	0	302	302
11	0	210	0	0	0	0	0	0	0	210	210
12	0	4,130	628	1,645	0	0	0	0	628	5,775	6,403
2018 1	0	2,186	0	0	0	0	0	0	0	2,186	2,186
2	0	4,618	0	0	0	0	0	0	0	4,618	4,618
3	0	13,320	0	0	0	0	0	0	0	13,320	13,320
4	0	6,567	0	0	0	0	0	0	0	6,567	6,567
5	0	6,998	0	0	0	0	0	0	0	6,998	6,998
6	0	7,883	0	0	0	0	0	0	0	7,883	7,883
7	0	12,074	0	0	0	0	0	0	0	12,074	12,074
8	0	6,127	0	0	0	0	0	0	0	6,127	6,127
9	0	4,760	0	0	0	0	0	0	0	4,760	4,760
10	0	7,933	0	0	0	0	0	0	0	7,933	7,933
11	0	7,469	0	0	0	0	0	0	0	7,469	7,469
12	0	6,410	0	0	0	0	0	0	0	6,410	6,410

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2019 1	0	2,627	0	0	0	0	0	0	0	2,627	2,627
2	0	3,179	0	0	0	0	0	0	0	3,179	3,179
3	0	5,882	0	0	0	0	0	0	0	5,882	5,882
4	0	499	0	0	0	0	0	0	0	499	499
5	0	2,973	0	0	0	0	0	0	0	2,973	2,973
6	0	3,124	0	0	0	0	0	0	0	3,124	3,124
7	0	1,542	0	0	0	0	0	0	0	1,542	1,542
8	0	942	0	0	0	0	0	0	0	942	942
9	0	1,086	0	0	0	0	0	0	0	1,086	1,086
10	0	6,087	0	0	0	0	0	0	0	6,087	6,087
11	0	1,038	0	0	0	0	0	0	0	1,038	1,038
12	0	903	0	0	0	0	0	0	0	903	903
2020 1	0	698	0	0	0	0	0	0	0	698	698
2	0	0	0	0	0	0	0	0	0	0	0
3	0	7,345	0	0	0	0	0	0	0	7,345	7,345
4	0	596	0	0	0	0	0	0	0	596	596
5	0	150	0	0	0	0	0	0	0	150	150
6	0	297	0	0	0	0	0	0	0	297	297
7	0	1,416	0	0	0	0	0	0	0	1,416	1,416
8	0	148	0	0	0	0	0	0	0	148	148
9	0	437	0	0	0	0	0	0	0	437	437
10	0	579	0	0	0	0	0	0	0	579	579
11	0	288	0	0	0	0	0	0	0	288	288
12	0	-	0	0	0	0	0	0	0	0	0
2021 1	0	852	0	0	0	0	0	0	0	852	852
2	0	1,557	0	0	0	0	0	0	0	1,557	1,557
3	0	1,284	0	0	0	0	0	0	0	1,284	1,284
4	0	1,398	0	0	0	0	0	0	0	1,398	1,398
5	0	968	0	0	0	0	0	0	0	968	968
6	0	0	0	0	0	0	0	279	0	279	279
7	0	3,461	0	0	0	0	0	280	0	3,741	3,741
8	0	278	0	0	0	0	0	0	0	278	278
9	0	2,366	0	0	0	0	0	0	0	2,366	2,366
10	0	1,808	0	0	0	0	0	0	0	1,808	1,808
11	0	2,225	0	0	0	0	0	0	0	2,225	2,225
12	0	535	0	0	0	0	0	0	0	535	535

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2022 1	0	2,549	0	0	0	0	0	0	0	2,549	2,549
2	0	420	0	0	0	0	0	0	0	420	420
3	0	6,917	0	0	0	0	0	0	0	6,917	6,917
4	0	2,817	0	0	0	0	0	0	0	2,817	2,817
5	0	2,492	0	0	0	0	0	0	0	2,492	2,492
6	0	1,939	0	0	0	0	0	0	0	1,939	1,939
7	0	1,290	0	0	0	0	0	0	0	1,290	1,290
8	0	2,405	0	0	0	0	0	0	0	2,405	2,405
9	0	1,318	0	0	0	0	0	0	0	1,318	1,318
10	0	250	0	0	0	0	0	0	0	250	250
11	0	682	0	0	0	0	0	0	0	682	682
12	0	373	0	0	0	0	0	0	0	373	373
2023 1	0	0	0	0	0	0	0	0	0	0	0
2	0	1,067	0	0	0	0	0	0	0	1,067	1,067
3	0	1,218	0	0	0	0	0	0	0	1,218	1,218
4	0	215	0	0	0	0	0	0	0	215	215
5	0	1,538	0	0	0	0	0	0	0	1,538	1,538
6	0	1,739	0	0	0	0	0	0	0	1,739	1,739
7	0	2,200	0	0	0	0	0	0	0	2,200	2,200
8	0	3,460	0	0	0	0	0	0	0	3,460	3,460
9	0	806	0	0	0	0	0	0	0	806	806
10	0	1,349	0	0	0	0	0	0	0	1,349	1,349
11	0	706	0	0	0	0	0	0	0	706	706
12	0	785	0	0	0	0	0	0	0	785	785
2024 1	0	2,607	0	0	0	0	0	0	0	2,607	2,607
2	0	2,592	0	0	0	0	0	0	0	2,592	2,592
3	0	1,650	0	0	0	0	0	0	0	1,650	1,650
4	0	1,302	0	0	0	0	0	0	0	1,302	1,302
5	0	1,538	0	0	0	0	0	0	0	1,538	1,538
6	0	2,776	0	0	0	0	0	0	0	2,776	2,776
7	0	3,828	0	0	0	0	0	0	0	3,828	3,828
8	0	2,945	0	0	0	0	0	0	0	2,945	2,945
9	0	3,534	0	0	0	0	0	0	0	3,534	3,534
10	104	2,242	0	0	0	0	0	0	104	2,242	2,346
11	0	325	0	0	0	0	0	0	0	325	325
12	0	328	0	0	0	0	0	0	0	328	328

Notional Amounts Turnover of Credit Derivatives by Instrument

NTD Millions

Year or Month	Credit Default Swaps		Bought Credit Default Options		Sold Credit Default Options		Others		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2025 1	0	4,093	0	0	0	0	404	0	404	4,093	4,497
2	0	1,485	0	0	0	0	0	0	0	1,485	1,485
3	0	1,712	0	0	0	0	0	0	0	1,712	1,712
4	0	1,410	0	0	0	0	2,200	0	2,200	1,410	3,610
5	0	150	0	0	0	0	2,534	0	2,534	150	2,684
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	306	0	0	0	0	0	223	0	529	529
9	0	305	0	0	0	0	0	0	0	305	305
10	0	1,247	0	0	0	0	0	0	0	1,247	1,247
11	0	2,416	0	0	0	0	0	0	0	2,416	2,416
12	0	440	0	0	0	0	0	0	0	440	440
2026 1	0	472	0	0	0	0	0	0	0	472	472
2	0	938	0	0	0	0	0	0	0	938	938
3	0	2,239	0	0	0	0	0	0	0	2,239	2,239
4	0	1,266	0	0	0	0	2,017	0	2,017	1,266	3,283
5	0	4,489	0	0	0	0	0	0	0	4,489	4,489
6	0	11,813	0	0	0	0	0	0	0	11,813	11,813
7	0	6,210	0	0	0	0	0	0	0	6,210	6,210
8	0	0	0	0	0	0	995	165	995	165	1,160
9	0	319	0	0	0	0	0	2,374	0	2,693	2,693

Notes:

1. All figures are adjusted for double-counting.
2. The statistic data of Credit contracts start from Jan. 2004.
3. Sources: all domestic banks and local branches of foreign banks.

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2005 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	2	0	2	0	2
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2006 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	5,000	4,499	0	0	5,000	4,499	9,499
2007 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2008 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	304	0	0	0	304	304
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2009 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2010 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2011 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2012 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2013 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2014 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2015 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2016 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2017 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2018 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2019 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2020 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2021 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2022 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2023 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2024 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0

Notional Amounts Turnover of Other Derivatives by Instrument

NTD Millions

Year or Month	Outright Forwards		Swaps		Options		Total Contracts		
	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	NTD	Non-NTD Foreign Currency	Total
2025 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
2026 1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0

Notes:

1. All figures are adjusted for double-counting.
2. The statistic data of Other contracts start from Jan. 2005.
3. Sources: all domestic banks and local branches of foreign banks.