

Table 1

Notional Amounts Turnover of Derivatives by Risk

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
1998	205,487	67,026	11,168,854	78	0	0	2,023	0					11,376,364	67,104
1999	230,825	5,194	10,144,487	49	0	0	13,490	0					10,388,802	5,243
2000	433,689	4,797	12,361,851	0	0	0	56,686	0					12,852,226	4,797
2000 1	14,289	506	974,247	0	0	0	3,704	0					992,240	506
2	30,178	116	862,561	0	0	0	5,518	0					898,257	116
3	23,111	0	1,120,527	0	0	0	0	0					1,143,638	0
4	18,182	58	905,987	0	0	0	2,374	0					926,543	58
5	42,293	183	1,136,330	0	0	0	744	0					1,179,367	183
6	30,205	44	1,012,653	0	0	0	1,646	0					1,044,504	44
7	23,421	747	840,377	0	0	0	8,144	0					871,942	747
8	35,167	534	913,072	0	0	0	1,244	0					949,483	534
9	35,574	1,140	1,064,927	0	0	0	16,883	0					1,117,384	1,140
10	52,059	772	1,114,157	0	0	0	5,872	0					1,172,088	772
11	57,252	374	1,132,059	0	0	0	7,601	0					1,196,912	374
12	71,958	323	1,284,954	0	0	0	2,956	0					1,359,868	323
2001 1	34,751	62	981,183	0	0	0	934	0					1,016,868	62
2	38,046	0	826,539	0	0	0	5,262	0					869,847	0
3	52,081	26	1,139,089	0	0	0	1,318	0					1,192,488	26
4	69,199	272	1,034,892	0	0	0	0	0					1,104,091	272
5	88,276	690	1,143,835	0	1,033	0	3,909	0					1,237,053	690
6	99,745	752	1,107,768	0	0	0	268	0					1,207,781	752
7	109,836	231	1,127,495	0	0	0	576	0					1,237,907	231
8	140,381	421	1,175,335	0	0	433	1,514	0					1,317,230	854
9	107,685	320	956,415	0	0	0	4,821	0					1,068,921	320
10	79,952	33,247	1,009,834	0	596	0	8,170	0					1,098,552	33,247
11	215,887	10,814	1,210,930	0	0	0	1,048	0					1,427,865	10,814
12	86,047	56	1,149,087	0	545	0	0	0					1,235,679	56
2002 1	239,302	14,861	1,296,572	0	0	0	164	0					1,536,038	14,861
2	110,858	122	1,010,961	0	913	0	8,928	0					1,131,660	122
3	259,289	1,934	1,311,254	0	5,323	0	0	0					1,575,866	1,934
4	269,455	6,990	1,371,856	0	2,929	0	1,596	0					1,645,836	6,990
5	351,426	8,013	1,446,182	0	896	0	2,184	0					1,800,688	8,013
6	227,054	10,697	1,669,183	0	632	0	2,492	0					1,899,361	10,697
7	307,309	105,020	2,044,866	4	1,408	0	3,135	3,135					2,356,718	108,159
8	297,546	104,106	1,332,149	0	1,322	0	8,828	0					1,639,845	104,106
9	225,169	72,126	1,325,977	0	4,455	0	14,772	0					1,570,373	72,126
10	274,933	78,440	1,573,246	0	775	0	9,422	0					1,858,376	78,440
11	301,289	20,682	1,451,139	0	619	0	5,525	0					1,758,572	20,682
12	168,537	19,587	1,495,026	0	0	0	0	0					1,663,563	19,587
2003 1	259,906	42,921	1,756,163	0	2,709	0	33,475	0					2,052,253	42,921
2	257,736	35,297	1,361,716	0	2,773	0	1,094	0					1,623,319	35,297
3	340,843	141,581	1,693,392	0	3,622	862	1,434	0					2,039,291	142,443
4	402,056	152,986	1,789,986	0	2,126	1,650	764	0					2,194,932	154,636
5	282,049	109,137	2,077,604	0	2,455	2,139	144	0					2,362,252	111,276
6	355,908	77,115	1,980,560	0	1,463	7,767	8,306	0					2,346,237	84,882
7	434,085	79,036	2,140,784	0	2,986	9,165	10,310	0					2,588,165	88,201
8	497,627	158,081	1,992,341	0	1,673	2,943	22,265	0					2,513,906	161,024
9	363,788	75,264	2,872,861	0	1,949	94	26,890	0					3,265,488	75,358
10	305,517	67,828	3,198,434	0	3,414	0	2,302	0					3,509,667	67,828
11	305,242	37,027	2,186,373	0	5,579	195	17,244	0					2,514,438	37,222
12	240,413	44,090	2,293,359	0	1,515	585	1,650	0					2,536,937	44,675
2004 1	397,605	40,932	3,215,357	0	4,751	316	27,384	0	450	0			3,645,547	41,248

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
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
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
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
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
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
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	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
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
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
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
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
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
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
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
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
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
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

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. 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.

NTS million

s
Total
11,443,468
10,394,045
12,857,023
992,746
898,373
1,143,638
926,601
1,179,550
1,044,548
872,689
950,017
1,118,524
1,172,860
1,197,286
1,360,191
1,016,930
869,847
1,192,514
1,104,363
1,237,743
1,208,533
1,238,138
1,318,084
1,069,241
1,131,799
1,438,679
1,235,735
1,550,899
1,131,782
1,577,800
1,652,826
1,808,701
1,910,058
2,464,877
1,743,951
1,642,499
1,936,816
1,779,254
1,683,150
2,095,174
1,658,616
2,181,734
2,349,568
2,473,528
2,431,119
2,676,366
2,674,930
3,340,846
3,577,495
2,551,660
2,581,612
3,686,795

4,027,745
3,980,031
4,939,503
4,523,747
4,245,477
3,991,423
3,827,065
4,083,032
3,819,245
4,443,950
4,626,743
3,920,770
2,840,085
4,965,032
3,930,035
4,009,025
4,773,622
4,476,219
4,848,388
4,898,809
5,078,741
5,218,548
5,773,305
5,051,865
4,950,478
6,350,635
5,255,762
6,376,707
7,029,569
6,328,008
7,060,832
7,041,978
6,447,999
7,507,724
7,208,957
7,654,289
5,826,558
8,841,649
6,997,763
8,686,973
8,325,877
8,902,470
10,184,487
7,444,372
9,283,019
10,309,282
7,194,504
10,502,584
7,949,826
9,903,783
8,984,460
8,927,024
9,138,928
8,746,229
7,777,611
9,743,924
9,265,390
6,169,542
6,888,624
6,464,230

8,393,603
9,311,519
8,612,590
8,262,723
9,563,307
9,345,055
9,517,006
9,089,255
8,902,795
8,822,354
8,406,261
9,828,737
8,095,315
10,509,227
10,058,988
11,132,045
9,661,154
9,970,137

Table 2

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

NT\$ million

Year or Month	Forward Rate Agreement		Interest Rate Swap		Bought Options		Sold Options		Total contracts		
	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other 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
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
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
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

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.

Table 3

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

NT\$ million

Year or Month	Future-long positions		Future-short positions		Bought Options		Sold Options		Total contracts		
	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other 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
	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
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
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

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.

Table 4

Notional Amounts Turnover of OTC Foreign Exchange Derivatives by Instrument

NT\$ million

Year or Month	Outright Forwards		Foreign Exchange Swaps		Currency Swaps		Bought Options		Sold Options		Total contracts		
	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other 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													
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													
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													
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													
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
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
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

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.

2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0

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.

Table 6

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

NT\$ million

Year or Month	Equity-linked Contracts					Commodity Contracts				
	Over-the-counter		Exchange-traded		Total	Over-the-counter		Exchange-traded		Total
	NT related	other currency	NT related	other currency		NT related	other currency	NT related	other 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
	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
	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
	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

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.

Table 7

Notional Amounts Turnover of Credit Derivatives by Instrument

NT\$ million

Year or Month	Credit Default Swap		Bought Credit Default Options		Sold Credit Default Options		Other		Total contracts		
	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other currency	NT related	other 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
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
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

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.

2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	304	0	0	0	304	304	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
2009 1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
2010 1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	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.