

Table C1

**Central Bank Survey of Foreign Exchange and
Derivatives Market Activity (Japan)**

**FOREIGN EXCHANGE CONTRACTS AND GOLD CONTRACTS(1)
Nominal or notional principal amounts outstanding at end-June 1998
(in millions of USD)**

Instruments	USD	DEM	JPY	GBP	FRF	CHF	Other	Total
<u>OUTRIGHT FORWARDS AND FOREIGN EXCHANGE SWAPS(2)</u>								
with reporting dealers	2,268,523	270,311	1,600,683	117,631	10,788	26,720	80,442	4,375,098
with other financial institutions	498,575	75,949	262,948	36,376	5,487	8,724	35,587	923,646
with non-financial customers	254,369	24,026	234,874	16,058	2,439	16,118	21,610	569,494
TOTAL	3,021,467	370,286	2,098,505	170,065	18,714	51,562	137,639	5,868,238
TOTAL INCLUDING GOLD								5,868,238
<u>CURRENCY SWAPS</u>								
with reporting dealers	244,551	14,389	128,579	7,751	6,243	11,196	38,950	451,659
with other financial institutions	101,788	10,151	72,666	6,606	3,768	5,703	26,549	227,231
with non-financial customers	94,743	9,507	93,234	4,964	1,962	8,726	16,240	229,376
TOTAL	441,082	34,047	294,479	19,321	11,973	25,625	81,739	908,266
<u>OTC OPTIONS(3)</u>								
<u>Sold</u>								
with reporting dealers	99,793	16,341	127,135	2,305	493	1,754	1,791	249,612
with other financial institutions	26,414	2,747	29,098	172	0	85	575	59,091
with non-financial customers	7,392	922	6,474	388	19	321	222	15,738
TOTAL	133,599	20,010	162,707	2,865	512	2,160	2,588	324,441
TOTAL INCLUDING GOLD								324,441
<u>Bought</u>								
with reporting dealers	93,943	15,011	117,526	2,745	300	8,173	8,384	246,082
with other financial institutions	24,196	2,835	25,781	436	190	68	578	54,084
with non-financial customers	9,580	845	8,350	196	17	190	417	19,595
TOTAL	127,719	18,691	151,657	3,377	507	8,431	9,379	319,761
TOTAL OTC OPTIONS	261,318	38,701	314,364	6,242	1,019	10,591	11,967	644,202
TOTAL INCLUDING GOLD								644,202
TOTAL FX CONTRACTS	3,723,867	443,034	2,707,348	195,628	31,706	87,778	231,345	7,420,706
TOTAL FX CONTRACTS INCLUDING GOLD								7,420,706
<u>Memorandum items:</u>								
<u>Other products(4)</u>								
<u>Notional amounts outstanding vis-a-vis own branches and subsidiaries(5)</u>	369,007	37,498	303,639	16,459	3,281	14,665	52,920	797,469
<u>Gross positive market values</u>	140,700	8,846	121,617	3,104	1,306	1,680	7,344	284,597
<u>Gross negative market values</u>	150,670	11,571	108,723	3,031	618	3,559	14,698	292,870

(1) All instruments involving exposure to more than one currency, whether in interest rates or exchange rates.

(2) If swaps are executed on a forward/forward basis, the two forward parts of the transaction are reported separately.

(3) Including currency warrants and multicurrency swaptions.

(4) Any instrument where the transaction is highly leveraged and/or the notional amount is variable and where a decomposition into individual plain vanilla components is impractical or impossible.

(5) The data cover arm's-length transactions only.

Also see notes on page 5.

Table C2

**Central Bank Survey of Foreign Exchange and
Derivatives Market Activity (Japan)**

**SINGLE-CURRENCY INTEREST RATE DERIVATIVES(1)
Nominal or notional principal amounts outstanding at end-June 1998
(in millions of USD)**

Instruments	USD	DEM	JPY	GBP	FRF	CHF	Other	Total
<u>FORWARD RATE AGREEMENTS</u>								
with reporting dealers	186,720	58,451	245,933	47,912	6,055	15,874	33,416	594,361
with other financial institutions	35,342	15,668	36,794	10,322	2,249	2,051	8,721	111,147
with non-financial customers	8,860	215	692	896	214	620	3,058	14,555
TOTAL	230,922	74,334	283,419	59,130	8,518	18,545	45,195	720,063
<u>SWAPS</u>								
with reporting dealers	2,034,755	754,911	3,554,656	495,833	62,854	47,947	172,847	7,123,803
with other financial institutions	349,114	147,740	518,109	120,053	20,347	17,320	43,132	1,215,815
with non-financial customers	83,401	4,680	376,248	10,335	1,205	1,842	6,598	484,309
TOTAL	2,467,270	907,331	4,449,013	626,221	84,406	67,109	222,577	8,823,927
<u>OTC OPTIONS</u>								
<u>Sold</u>								
with reporting dealers	60,497	23,534	157,288	4,660	2,139	742	3,425	252,285
with other financial institutions	24,805	7,354	70,812	1,449	715	411	1,940	107,486
with non-financial customers	7,880	178	79,376	165	36	0	449	88,084
TOTAL	93,182	31,066	307,476	6,274	2,890	1,153	5,814	447,855
<u>Bought</u>								
with reporting dealers	67,658	22,715	152,400	4,188	1,808	629	4,627	254,025
with other financial institutions	23,504	7,164	34,246	1,865	779	198	2,025	69,781
with non-financial customers	11,370	161	32,631	128	2	13	233	44,538
TOTAL	102,532	30,040	219,277	6,181	2,589	840	6,885	368,344
TOTAL OTC OPTIONS	195,714	61,106	526,753	12,455	5,479	1,993	12,699	816,199
TOTAL INTEREST RATE CONTRACTS	2,893,906	1,042,771	5,259,185	697,806	98,403	87,647	280,471	10,360,189
<u>Memorandum items:</u>								
Other products(2)								1,066,377
Notional amounts outstanding vis-a-vis own branches and subsidiaries(3)	1,106,284	351,359	780,023	197,926	13,935	17,155	74,175	2,540,857
Gross positive market values	35,152	11,676	71,766	7,968	1,724	1,511	7,537	137,334
Gross negative market values	39,344	9,092	80,452	7,403	2,498	1,544	7,038	147,371

(1) All instruments where all the legs are exposed to one and only one currency's interest rate, including all fixed/floating and floating/floating single-currency interest rate contracts.

(2) Any instrument where the transaction is highly leveraged and/or the notional amount is variable and where a decomposition into individual plain vanilla components is impractical or impossible.

(3) The data cover arm's-length transactions only.

Also see notes on page 5.

Table C3

**Central Bank Survey of Foreign Exchange and
Derivatives Market Activity (Japan)**

**EQUITY, COMMODITY, CREDIT AND "OTHER" DERIVATIVES(1)
Nominal or notional principal amounts outstanding at end-June 1998
(in millions of USD)**

Instruments	Equity-linked derivatives							Precious metals (other than gold)	Other commodities	Credit derivatives	Other derivatives(4)
	US	Japanese	Euro-pean(2)	Latin American	Other Asian(3)	Other	Total				
FORWARDS AND SWAPS											
with reporting dealers	62	96	221	0	25	3	407			1,672	2
with other financial institutions	85	5,123	18	0	1	0	5,227			3,341	110
with non-financial customers	122	14	76	0	2	0	214			1,456	21
TOTAL	269	5,233	315	0	28	3	5,848	0	457	6,469	133
OTC OPTIONS											
Sold											
with reporting dealers	279	359	1,949	76	26	0	2,689			2,167	12
with other financial institutions	25	542	368	0	5	0	940			195	0
with non-financial customers	0	97	3	0	1	0	101			1,519	16
TOTAL	304	998	2,320	76	32	0	3,730	0	1,027	3,881	28
Bought											
with reporting dealers	144	691	1,215	359	29	0	2,438			137	15
with other financial institutions	84	262	207	0	0	0	553			212	0
with non-financial customers	0	260	0	0	1	0	261			0	13
TOTAL	228	1,213	1,422	359	30	0	3,252	0	1,150	349	28
TOTAL OTC OPTIONS	532	2,211	3,742	435	62	0	6,982	0	2,177	4,230	56
TOTAL CONTRACTS	801	7,444	4,057	435	90	3	12,830	0	2,634	10,699	189
Memorandum items:											
Notional amounts outstanding vis-a-vis own branches and subsidiaries(5)	0	56	2	0	17	0	75	0	0	179	0
Gross positive market values	106	175	439	93	10	0	823	0	175	NA	6
Gross negative market values	108	135	518	38	2	0	801	0	15	NA	13

(1) Any instrument whose price is assumed to be mainly determined by the price of an equity or a stock index, a commodity or the creditworthiness of a particular reference credit.

(2) Excluding Albania, Bulgaria, Hungary, Poland, Romania and the successor republics of the former Czechoslovakia, Soviet Union and Yugoslavia.

(3) All countries in Asia other than Japan.

(4) Any instrument which does not involve an exposure to foreign exchange, interest rate, equity, commodity or credit risk.

(5) The data cover arm's-length transactions only.

Also see notes on page 5.

Table C4

**Central Bank Survey of Foreign Exchange and
Derivatives Market Activity (Japan)**

**NOTIONAL AMOUNTS OUTSTANDING OF
OTC DERIVATIVES CONTRACTS**
by remaining maturity at end-June 1998
(in millions of USD)

Risk category	Forwards and swaps			OTC options sold			OTC options bought			Total		
	One year or less	Over one year and up to five years	Over five years	One year or less	Over one year and up to five years	Over five years	One year or less	Over one year and up to five years	Over five years	One year or less	Over one year and up to five years	Over five years
FOREIGN EXCHANGE AND GOLD CONTRACTS										3,188,685	410,433	111,235
FOREIGN EXCHANGE CONTRACTS												
with reporting dealers	2,146,960	227,275	39,150	122,458	2,167	124	120,695	2,355	37	2,390,113	231,797	39,311
with other financial institutions	459,970	87,625	27,840	29,071	400	69	26,592	285	173	515,633	88,310	28,082
with non-financial customers	265,865	89,875	43,704	7,665	132	52	9,409	319	86	282,939	90,326	43,842
INTEREST RATE CONTRACTS												
with reporting dealers	4,479,474	2,614,927	623,765	84,270	140,442	27,558	78,041	149,993	26,009	4,641,785	2,905,362	677,332
with other financial institutions	659,706	506,710	160,536	59,727	34,699	13,029	24,746	35,692	9,370	744,179	577,101	182,935
with non-financial customers	109,283	283,511	106,068	13,715	66,092	8,269	18,082	22,444	4,015	141,080	372,047	118,352
EQUITY CONTRACTS												
with reporting dealers	327	79	0	1,604	1,056	26	1,968	470	0	3,899	1,605	26
with other financial institutions	5,152	70	6	614	326	0	435	118	0	6,201	514	6
with non-financial customers	124	93	0	10	10	80	83	96	81	217	199	161

See notes on page 5.

Notes

1. Abbreviations for Currencies

CHF	Swiss franc
DEM	Deutsche mark
FRF	French franc
GBP	Pound sterling
JPY	Japanese yen
USD	US dollar

2. Double Counting

The amounts outstanding are not adjusted for the double counting of transactions between two reporting dealers.

3. Arm's Length Transaction

An arm's-length transaction is defined as one where the dealer is indifferent as to the counterparty. In other words, in-house deals and deals with other offices of the same institution are regarded as arm's-length transactions if the trader has been equally willing to conclude the deals with a fully independent market participant.

4. Reporting Basis of Foreign Exchange Contracts

The amounts outstanding of foreign exchange contracts are broken down on a single-currency basis. Thus, each foreign exchange contract is reported twice according to the currencies making up the two "legs" of the contract. The total of amounts for individual currencies is 200% of the total amounts outstanding.