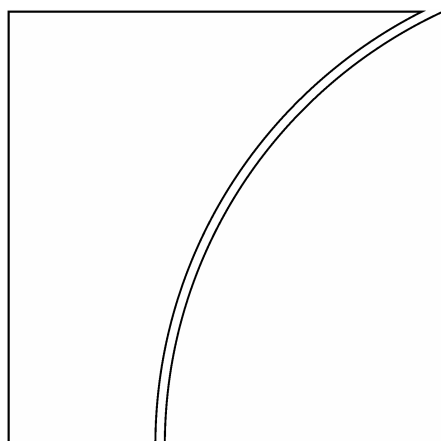


Committee on Payment and Settlement Systems



Statistics on payment and settlement systems in selected countries

Prepared by the Committee on Payment and Settlement Systems of the Group of Ten Countries

Figures for 2004

March 2006



BANK FOR INTERNATIONAL SETTLEMENTS

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Explanatory note

This edition of *Statistics on payment and settlement systems in selected countries* includes a statistical methodology explaining what is included in the data in the country tables. It is important that the country tables are read in conjunction with this methodology. Where the data provided are an exception to the methodology, this is indicated by a footnote in the table concerned. A second statistical methodology is also provided, explaining which data have been taken from the country tables for the comparative tables.

This edition includes notation as follows:

- nap not applicable
- nav not available
- neg negligible (relative to other relevant data in the table concerned; country tables only)
- 0 exactly zero (not a very small number rounded to zero; country tables only)

Differences in totals are due to rounding.

Country tables

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	10,246	10,281	10,330	10,374	10,418
GDP (EUR billions)	251.7	258.9	267.6	274.6	288.1
GDP per capita (EUR)	24,570	25,181	25,903	26,468	27,653
Consumer price inflation (in %) ¹	2.68	2.44	1.55	1.51	1.86
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8049

¹ Yearly average.

Table 2
Settlement media used by non-banks
(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	11.87	7.10	nap	nap	nap
Value of transferable deposits ²	58.96	61.99	62.94	67.99	79.00
Narrow money supply ^{1,3}	70.84	69.09	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	5.74	5.05	4.46	3.79	4.39
Outstanding value on e-money storages	0.03	0.08	0.07	0.07	0.07
<i>of which:</i>					
<i>on card-based products</i>	0.03	0.08	0.07	0.07	0.07
<i>on software or network-based products</i>	nap	nap	nap	nap	nap

¹ From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).

² Value of overnight deposits held at Monetary Financial Institutions (MFIs) by non-MFIs (excluding "Central government" and "Rest of the world"). ³ Corresponds to the ECB concept of M1.

Table 3
Settlement media used by banks
(EUR billions, average of last reserve maintenance period)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	7.34	7.66	7.32	7.59	8.33
<i>of which:</i>					
<i>required reserves</i>	7.33	7.64	7.31	7.58	8.33
<i>free reserves</i>	0.01	0.02	0.01	0.01	0
Transferable balances held at other banks ¹	9.86	11.93	7.77	14.65	17.23
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	nav	nav	nav	nav	4.21
<i>overnight and longer²</i>	14.32	6.40	12.24	14.37	21.78

¹ Value of overnight deposit accounts held by Belgian credit institutions at other credit institutions (EUR and foreign currencies, in Belgium and abroad). ² Marginal lending facility and other monetary policy operations vis-à-vis the Eurosystem.

Table 4
Banknotes and coin¹

¹ Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices ¹	15	13	11	9	9
Number of accounts (thousands) ²	1.70	1.83	1.95	2.09	2.17
Value of accounts (EUR billions) ²	0.22	0.18	0.35	0.43	0.56
Banks					
Number of institutions	118	112	111	108	104
Number of branches or offices ¹	6,693	6,278	5,699	5,175	4,837
Number of accounts (thousands) ²	12,225	12,532	12,693	12,979	12,675
<i>of which: number of internet/PC-linked accounts (thousands)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2,727
Value of accounts (EUR billions) ²	68.71	76.21	76.06	85.89	92.64
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	72	67	66	61	59
Number of branches or offices	6,633	6,223	5,645	5,121	4,779
Value of accounts (EUR billions) ²	60.03	64.47	66.19	73.51	79.17
Branches of euro area-based credit institutions					
Number of institutions	27	28	29	30	29
Number of branches or offices	37	36	36	37	40
Value of accounts (EUR billions) ²	2.86	4.55	4.56	6.29	7.03
Branches of foreign banks					
Number of institutions	19	17	16	17	16
Number of branches or offices	23	19	18	17	18
Value of accounts (EUR billions) ²	5.82	7.19	5.31	6.09	6.43
Other institutions offering payment services to non-banks³					
Number of institutions	1	1	1	1	1
Number of branches or offices	1,384	1,348	1,342	1,352	1,314
Number of accounts (thousands) ²	2.49	2.26	2.17	2.19	1.54
Value of accounts (EUR billions) ²	0.45	0.58	0.86	0.63	0.83
Institutions offering payment services to non-banks (total)					
Number of institutions	120	114	113	110	106
Number of branches or offices	8,092	7,639	7,052	6,536	6,160
Number of accounts held by non-banks (thousands) ²	12,230	12,536	12,697	12,983	12,679
<i>of which: number of internet/PC-linked accounts (thousands)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2,727
Value of accounts held by non-banks (EUR billions) ²	69.38	76.97	77.27	86.96	94.03

¹ Head office, branches and agencies (bureaux). ² Overnight deposits. ³ Postal institution.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function	13,930	13,987	14,902	15,619	15,727
Cards with a debit function	10,960	10,942	11,863	12,522	12,551
Cards with a delayed debit function	2,970	3,045	3,039	3,097	3,176
Cards with a credit function ¹	nav	nav	nav	nav	nav
Cards with an e-money function	7,931	7,998	8,271	8,803	8,979
<i>of which: cards with an e-money function which have been loaded at least once</i>	1,426	1,812	2,467	2,126	2,069
Total number of cards (irrespective of the number of functions on the card)	13,930	13,987	14,902	15,619	15,727
<i>of which: cards with a combined debit, cash and e-money function</i>	7,931	7,998	8,271	8,803	8,979
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs ²	10,897	11,393	11,676	12,495	13,197
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	6,679	6,790	6,778	7,114	7,237
<i>ATMs with a credit transfer function</i>	nav	nav	nav	6,560	7,216
POS terminals	116,436	144,421	135,743	113,081	108,284
<i>of which: EFTPOS terminals</i>	12,719	28,885	19,386	15,921	8,282
E-money card terminals	190,750	271,614	312,693	321,241	328,379
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	122,913	182,767	208,151	213,249	213,613
<i>e-money card payment terminals</i>	67,837	88,847	104,542	107,992	114,766

¹ All major credit cards (Visa, American Express, Eurocard, etc) are issued as delayed debit cards. ² All ATMs with limited access have a cash dispensing function as well as a giro transfer function.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	510.91	578.71	662.46	636.47	692.70
<i>of which:</i>					
<i>paper based</i>	281.00	310.13	343.49	317.85	321.00
<i>non-paper based</i>	229.91	268.58	318.97	318.62	371.70
Direct debits	166.17	176.93	168.79	192.35	211.35
Card payments with cards issued in the country	445.63	502.22	577.28	614.47	671.34
<i>of which:</i>					
<i>payments by cards with a debit function</i> ¹	379.92	432.78	506.79	544.07	597.31
<i>payments by cards with a delayed debit function</i>	65.71	69.44	70.49	70.40	74.03
<i>payments by cards with a credit function</i> ²	nav	nav	nav	nav	nav
E-money payment transactions	51.27	60.46	120.83	107.06	106.90
<i>of which:</i>					
<i>by cards with an e-money function</i>	51.27	60.46	120.83	107.06	106.90
<i>through other e-money storages</i>	nav	nav	nav	nav	nav
Cheques	70.73	60.05	28.91	23.72	19.14
Other payment instruments	146.63	164.84	146.17	84.44	85.27
Total number of transactions with payment instruments	1,391.34	1,543.21	1,704.44	1,658.51	1,786.70
<i>of which: cross-border transactions sent</i>	nav	nav	nav	10.80	11.01
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	8.08	9.06
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	198.59	217.05	239.89	256.89	244.38
<i>of which:</i>					
<i>ATM cash withdrawals</i>	198.59	217.05	239.89	256.89	244.38
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	416.20	469.24	544.34	579.83	632.24
E-money card loading/unloading transactions	7.76	10.78	18.15	16.71	16.99
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	3.82	4.02	3.77	6.92	6.78
<i>of which:</i>					
<i>ATM cash withdrawals</i>	3.82	4.02	3.77	6.92	6.78
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	17.32	23.63	18.08	31.65	25.41
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	5.95	7.43	7.73	8.38	8.69
<i>of which:</i>					
<i>ATM cash withdrawals</i>	5.95	7.43	7.73	8.38	8.69
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	29.43	32.98	32.94	34.64	39.10
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ As from 2003, using a more reliable data source. ² All major credit cards (Visa, American Express, Eurocard, etc) are issued as delayed debit cards.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
 (EUR billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	16,045.03	17,290.27	13,105.89	13,846.74	14,760.86
<i>of which:</i>					
<i>paper based</i>	2,133.72	2,005.04	656.38	799.35	736.49
<i>non-paper based</i>	13,911.31	15,285.23	12,449.51	13,047.39	14,024.37
Direct debits	50.96	54.15	46.17	48.69	48.08
Card payments with cards issued in the country	25.83	28.69	32.42	34.53	36.69
<i>of which:</i>					
<i>payments by cards with a debit function</i> ¹	19.28	21.72	25.12	27.19	29.89
<i>payments by cards with a delayed debit function</i>	6.55	6.97	7.30	7.34	6.80
<i>payments by cards with a credit function</i> ²	nav	nav	nav	nav	nav
E-money payment transactions	0.20	0.27	0.67	0.55	0.53
<i>of which:</i>					
<i>by cards with an e-money function</i>	0.20	0.27	0.67	0.55	0.53
<i>through other e-money storages</i>	nav	nav	nav	nav	nav
Cheques	86.78	99.07	99.31	86.40	81.13
Other payment instruments	87.50	65.68	56.15	29.09	33.42
Total value of transactions with payment instruments	16,296.30	17,538.13	13,340.61	14,046.00	14,960.71
<i>of which: cross-border transactions sent</i>	nav	nav	nav	1,068.10	1,300.29
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	812.49	1,015.80
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	20.95	22.43	24.87	27.13	27.51
<i>of which:</i>					
<i>ATM cash withdrawals</i>	20.95	22.43	24.87	27.13	27.51
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	22.95	25.58	29.23	31.21	33.42
E-money card loading/unloading transactions	0.21	0.33	0.67	0.56	0.54
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	0.47	0.50	0.58	1.02	0.94
<i>of which:</i>					
<i>ATM cash withdrawals</i>	0.47	0.50	0.58	1.02	0.94
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	1.85	2.70	1.84	3.22	2.82
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	0.74	0.92	1.06	1.14	1.16
<i>of which:</i>					
<i>ATM cash withdrawals</i>	0.74	0.92	1.06	1.14	1.16
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	2.88	3.11	3.19	3.32	3.27
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ As from 2003, using a more reliable data source. ² All major credit cards (Visa, American Express, Eurocard, etc) are issued as delayed debit cards.

Table 9

Payments processed by selected interbank funds transfer systems: volume of transactions¹

(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
ELLIPS (TARGET component)					
Credit transfers sent	1.78	1.84	1.73	1.76	1.78
<i>of which:</i>					
<i>credit transfers sent within ELLIPS</i>	0.95	0.90	0.86	0.83	0.82
<i>credit transfers sent to another TARGET component</i>	0.83	0.94	0.87	0.93	0.96
Concentration ratio in terms of volume (%) ²	nav	80	83	82	84
Retail payment systems					
Clearing house					
Credit transfers sent	4.19	3.52	1.73	1.57	1.31
<i>of which:</i>					
<i>credit transfers</i>	0.03	0.03	0.02	0.02	0.02
<i>cheques</i>	2.42	2.05	1.71	1.55	1.29
<i>other payment instruments</i> ³	1.74	1.44	neg	nap	nap
Concentration ratio in terms of volume (%) ²	69	72	74	78	82
CEC					
Total transactions sent	883.14	917.67	985.40	1,019.03	1,009.55
<i>of which:</i>					
<i>credit transfers</i>	411.99	433.07	445.83	466.29	474.52
<i>direct debits</i>	103.63	106.91	104.58	112.57	112.21
<i>card payments</i>	152.02	157.96	197.56	202.95	176.33
<i>ATM transactions</i>	42.13	39.56	45.60	40.53	31.43
<i>e-money transactions</i>	1.60	2.01	3.77	3.19	2.54
<i>cheques</i>	44.11	35.83	20.24	16.59	14.95
<i>other payment instruments</i> ³	127.66	142.33	167.82	176.91	197.57
Concentration ratio in terms of volume (%) ²	74	73	74	81	83

¹ The table contains both customer and interbank transactions. ² Market share of the five largest participants in each payment system. ³ Bills of exchange.

Table 10

Payments processed by selected interbank funds transfer systems: value of transactions¹

(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
ELLIPS (TARGET component)					
Credit transfers sent	13,261.40	14,312.96	13,338.76	13,558.01	14,674.95
<i>of which:</i>					
<i>credit transfers sent within ELLIPS</i>	3,609.91	4,127.75	3,844.08	3,330.86	3,306.59
<i>credit transfers sent to another TARGET component</i>	9,651.49	10,185.21	9,494.68	10,227.15	11,368.36
Concentration ratio in terms of value (%) ²	nav	85	87	88	89
Retail payment systems					
Clearing house					
Credit transfers sent	104.65	88.78	75.15	65.11	59.00
<i>of which:</i>					
<i>credit transfers</i>	0.04	0.09	0.09	0.10	0.15
<i>cheques</i>	103.59	87.73	75.06	65.01	58.85
<i>other payment instruments</i> ³	1.02	0.96	0.00	nap	nap
Concentration ratio in terms of value (%) ²	74	72	71	81	85
CEC					
Total transactions sent	483.79	508.03	530.96	552.28	584.77
<i>of which:</i>					
<i>credit transfers</i>	372.51	388.51	400.75	416.45	437.50
<i>direct debits</i>	18.01	19.35	18.65	20.17	20.37
<i>card payments</i>	24.35	30.03	38.19	42.26	49.40
<i>ATM transactions</i>	4.34	4.05	4.36	4.09	3.19
<i>e-money transactions</i>	0.24	0.35	0.82	0.67	0.61
<i>cheques</i>	22.39	19.59	15.07	12.94	13.02
<i>other payment instruments</i> ³	41.95	46.15	53.12	55.70	60.68
Concentration ratio in terms of value (%) ²	73	73	74	80	81

¹ The table contains both customer and interbank transactions. ² Market share of the five largest participants in each payment system. ³ Bills of exchange.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions¹
(total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
<i>Regulated off-exchange market²</i>	72,897	94,594	107,335	96,607	79,750
<i>Euronext Brussels</i>	2,752,637	2,670,481	2,600,816	2,549,536	2,542,649
<i>Nasdaq Europe³</i>	412,279	104,425	103,871	nap	nap
Clearing houses	nav	4,976,000	nav	nav	nav
<i>Clearnet SA Brussels branch⁴</i>	nav	4,976,000	nav	nav	nav
Securities settlement systems	11,063,082	15,600,640	18,916,461	22,528,053	24,609,414
<i>NBB SSS</i>	114,966	145,117	158,927	175,339	152,117
<i>CIK</i>	248,116	355,523	357,534	352,714	457,297
<i>Euroclear Bank</i>	10,700,000	15,100,000	18,400,000	22,000,000	24,000,000

¹ As a result of mergers and the creation of new companies, figures are not always available. ² Includes transactions made on MTS Belgium. ³ Nasdaq Europe was closed during 2003. ⁴ Number of trades cleared in Clearnet systems.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions¹
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
<i>Regulated off-exchange market²</i>	1,885.0	1,782.0	1,671.0	1,809.0	1,313.0
<i>Euronext Brussels</i>	47.5	46.2	40.5	37.9	57.6
<i>Nasdaq Europe³</i>	21.3	1.7	0.3	nap	nap
Clearing houses	30.0	nav	nav	nav	nav
<i>Clearnet SA Brussels branch</i>	30.0	nav	nav	nav	nav
Securities settlement systems	60,448.0	89,774.0	106,331.0	121,806.0	136,099.0
<i>NBB SSS⁴</i>	2,372.0	2,773.0	2,733.0	3,631.0	3,381.0
<i>CIK</i>	76.0	101.0	98.0	75.0	118.0
<i>Euroclear Bank</i>	58,000.0	86,900.0	103,500.0	118,100.0	132,600.0

¹ As a result of mergers and the creation of new companies, figures are not always available. ² Includes transactions made on MTS Belgium. ³ Nasdaq Europe was closed during 2003. ⁴ Nominal value.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems¹
(end of year)

	2000	2001	2002	2003	2004
Trading platforms	477	354	344	306	382
Regulated off-exchange market	203	196	187	183	181
Banks	136	131	129	126	121
<i>of which:</i>					
<i>domestic</i>	71	66	64	59	58
<i>foreign</i>	65	65	65	67	63
Brokers/dealers	66	64	57	56	59
<i>of which:</i>					
<i>domestic</i>	50	47	42	39	37
<i>foreign</i>	16	17	15	17	22
Others	1	1	1	1	1
NBB	1	1	1	1	1
Institut de Réescompte et de Garantie (bill rediscounter)	0	0	0	0	0
Euronext Brussels	118	92	103	123	201
Members (stock exchange and derivatives exchange)	118	92	103	123	201
<i>of which:</i>					
<i>domestic</i>	74	55	51	50	58
<i>foreign</i>	44	37	52	73	143
Nasdaq Europe²	156	66	54	nap	nap
Members	78	66	54	nap	nap
<i>of which:</i>					
<i>domestic³</i>	10	11	5	nap	nap
<i>foreign³</i>	68	55	49	nap	nap
Banks	14	nav	nav	nap	nap
<i>of which:</i>					
<i>domestic³</i>	0	nav	nav	nap	nap
<i>foreign³</i>	14	nav	nav	nap	nap
Brokers/dealers	64	nav	nav	nap	nap
<i>of which:</i>					
<i>domestic³</i>	10	nav	nav	nap	nap
<i>foreign³</i>	54	nav	nav	nap	nap
Clearing houses	57	53	27	32	38
Clearnet SA Brussels Branch	57	53	27	32	38
Banks	24	22	18	23	28
<i>of which:</i>					
<i>domestic</i>	19	19	14	12	13
<i>foreign</i>	5	3	4	11	15
Brokers/dealers	33	31	9	9	10
<i>of which:</i>					
<i>domestic</i>	33	31	6	5	4
<i>foreign</i>	0	0	3	4	6

Table 11c (cont)

	2000	2001	2002	2003	2004
Securities settlement systems	264	238	220	202	194
NBB SSS	151	134	123	109	107
Banks	83	79	71	70	70
<i>of which:</i>					
<i>domestic</i>	51	50	42	42	41
<i>foreign</i>	32	29	29	28	29
Brokers/dealers	33	19	15	8	6
<i>of which:</i>					
<i>domestic</i>	nav	nav	15	8	6
<i>foreign</i>	nav	nav	0	0	0
Others:	35	36	37	31	31
<i>Securities settlement systems</i>	5	6	5	3	3
<i>Ministry of Finance</i>	3	4	6	5	5
<i>Public bodies</i>	27	26	26	23	23
CIK	113	104	97	93	87
<i>of which:</i>					
<i>domestic</i>	43	45	42	42	41
<i>foreign</i>	14	16	19	19	17
Brokers/dealers	52	39	32	28	24
<i>of which:</i>					
<i>domestic</i>	48	34	28	25	21
<i>foreign</i>	4	5	4	3	3
Securities settlement systems	4	4	4	4	5
Euroclear Bank	nav	1,778	1,634	1,538	1,491
Banks	nav	nav	nav	nav	nav
Securities settlement systems	nav	nav	nav	nav	nav
Total	798	645	591	540	2,105

¹ As a result of mergers and the creation of new companies, figures are not always available. ² Nasdaq Europe was closed during 2003. ³ "Domestic" signifies European Union; "foreign" signifies non-European Union.

Table 11d

Outstanding securities¹*(end of year)*

	2000	2001	2002	2003	2004
Trading platforms					
Regulated off-exchange market²					
Value of stocks listed	nav	nav	nav	nav	nav
Value of other securities listed (EUR billions)	204	218	231	237	244
Number of stocks listed	nav	nav	nav	nav	nav
Number of other securities listed	nav	nav	nav	nav	nav
Euronext Brussels					
Value of stocks listed (EUR billions)	196.66	186.26	122.45	137.59	200.92
Value of other securities listed	nav	nav	nav	nav	nav
Number of stocks listed	295	275	256	250	235
Number of other securities listed	nav	nav	nav	nav	nav
Nasdaq Europe³					
Value of stocks listed (EUR billions)	24.40	8.40	3.00	nap	nap
Value of other securities listed (EUR billions)	nav	nav	0.03	nap	nap
Number of stocks listed	63	49	40	nap	nap
Number of other securities listed	nav	nav	1	nap	nap
Securities settlement systems					
NBB SSS					
Value of stocks listed	nav	nav	nav	nap	nap
Value of other securities listed (EUR billions)	277	279	291	293	301
Number of stocks listed	nav	nav	2,002	nav	nav
Number of other securities listed	nav	nav	nav	1,916	1,836
CIK					
Value of stocks listed (EUR billions)	167	189	127	128	153
Value of other securities listed	nav	nav	nav	nav	nav
Number of stocks listed	nav	nav	nav	nav	nav
Number of other securities listed	nav	nav	nav	nav	nav
Euroclear Bank					
Total value of securities under custody (EUR billions)	nav	4,400	4,800	5,300	5,900
Total number of securities under custody	nav	123,826	139,293	159,095	126,415

¹ As a result of mergers and the creation of new companies, figures are not always available. ² Includes transactions carried out on MTS Belgium. ³ Nasdaq Europe was closed during 2003.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	23	23	21	22	21
<i>of which: live</i>	23	23	21	22	21
Sub-members	42	44	46	47	47
<i>of which: live</i>	41	44	46	47	47
Participants	19	16	19	17	20
<i>of which: live</i>	18	16	19	17	18
Total users	84	83	86	86	88
<i>of which: live</i>	82	83	86	86	86
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	60,910	70,770	85,977	111,390	124,568
<i>of which:</i>					
<i>category I</i>	11,324	11,868	12,034	13,355	13,339
<i>category II</i>	5,674	5,475	5,299	5,501	5,784
Total messages received	51,248	58,223	64,390	72,419	83,316
<i>of which:</i>					
<i>category I</i>	10,547	11,166	12,230	12,051	12,904
<i>category II</i>	5,501	5,412	5,388	5,815	6,231
Domestic traffic	11,710	13,711	15,120	16,214	20,470
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	30,700	31,034	31,374	31,667	31,958
GDP (CAD billions)	1,076.7	1,108.0	1,154.4	1,216.3	1,290.3
GDP per capita (CAD)	35,071	35,702	36,795	38,407	40,375
Consumer price inflation (%) ¹	2.73	2.54	2.25	2.79	1.83
Exchange rate (CAD/USD):					
end of year ²	1.4995	1.5928	1.5776	1.2965	1.2020
average ³	1.4855	1.5489	1.5702	1.4004	1.3012

¹ Yearly average. ² Closing spot rate for the year. ³ Average noon spot rate for the year.

Table 2
Settlement media used by non-banks
(CAD billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks	35.30	37.75	40.19	41.62	43.61
Value of transferable deposits ¹	221.68	251.51	267.62	284.43	312.82
Narrow money supply ^{1,2}	256.97	289.26	307.81	326.05	356.43
<i>Memo:</i>					
Transferable deposits in foreign currencies	28.23	26.43	30.62	35.10	35.57
Outstanding value on e-money storages	neg	neg	neg	neg	neg

¹ Data have been revised over the whole period. ² This is not equivalent to M1 in Canada. M1 consists of currency in circulation outside banks plus demand deposits at chartered banks. The figure for narrow money supply includes currency in circulation outside banks plus all deposits, notice or demand, that are held at any deposit-taking institution and which can be used to make payments.

Table 3
Settlement media used by banks
(CAD billions, average for December)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank ¹	0.52	0.51	0.65	0.14	0.10
<i>of which:</i>					
required reserves	nap	nap	nap	nap	nap
free reserves	0.52	0.51	0.65	0.14	0.10
Transferable balances held at other banks ²	6.69	5.20	5.17	6.13	7.15
<i>Memo:</i>					
Institutions' borrowing from the central bank: ³					
intraday ⁴	0	0	0	0	0
overnight and longer	0.38	0.39	0.60	neg	0

¹ Lower balances in 2003 were largely attributable to the introduction of next-day settlement in the Automated Clearing and Settlement System (ACSS). ² Data for 2001–03 are revised. ³ Advances to the members of the Canadian Payments Association, made at the end of the day to facilitate settlement in Canada's large value payment system (LVTS) or retail payment system (ACSS); these advances are to be paid back on the following business day with interest. The decline in borrowing in 2003 was largely attributable to the introduction of next-day settlement in the ACSS. ⁴ Collateral associated with the operation of the LVTS (Canada's large-value payment system) is pledged to the Bank of Canada at the beginning of each day and is used to cover any participant's negative funds positions during the day. The Bank would provide the liquidity necessary (secured by this collateral) to allow the system to settle, in the event of a participant default.

Table 4**Banknotes and coin***(CAD billions, end of year)*

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	40.50	42.70	45.25	46.36	48.52
Total banknotes in circulation	36.78	38.82	41.15	42.19	44.24
<i>of which:</i>					
CAD 1,000	2.83	2.31	2.00	1.79	1.61
CAD 500	neg	neg	neg	neg	neg
CAD 100	15.67	16.89	18.24	18.73	19.92
CAD 50	4.93	5.61	6.33	6.62	6.68
CAD 25	neg	neg	neg	neg	neg
CAD 20	11.21	11.80	12.39	12.86	13.73
CAD 10	0.97	1.02	0.99	0.97	1.02
CAD 5	0.77	0.80	0.80	0.83	0.89
CAD 2	0.23	0.23	0.22	0.22	0.22
CAD 1	0.16	0.16	0.16	0.16	0.16
Other	0.01	0.01	0.01	0.01	0.01
Total coin in circulation	3.73	3.88	4.11	4.17	4.27
Banknotes and coin in circulation held by banks	5.21	4.95	5.06	4.74	4.91
Banknotes and coin in circulation outside banks	35.30	37.75	40.19	41.62	43.61

Table 5**Institutions offering payment services to non-banks***(end of year)*

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices ¹	1	1	1	1	1
Number of accounts ²	14	14	14	14	15
Value of accounts (CAD billions) ^{2,3}	0.52	0.51	0.65	0.14	0.10
Banks					
Number of institutions ⁴	53	64	71	66	67
Number of branches or offices	8,348	8,923	8,944	9,015	9,028
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions) ⁵	184.57	209.76	219.22	232.74	255.38
<i>of which:</i>					
Domestic banks					
Number of institutions	13	14	15	18	19
Number of branches or offices	nav	nav	nav	nav	8,779
Value of accounts (CAD billions)	176.45	197.67	203.61	214.10	232.65
Foreign bank subsidiaries					
Number of institutions	37	33	31	26	26
Number of branches or offices	nav	nav	nav	nav	224
Value of accounts (CAD billions)	8.06	10.49	13.91	16.98	20.73
Foreign bank branches					
Number of institutions	3	17	25	22	22
Number of branches or offices	nav	nav	nav	nav	25
Value of accounts (CAD billions)	0.06	1.60	1.70	1.66	2.00

Table 5 (cont)

	2000	2001	2002	2003	2004
Local credit unions and caisses populaires					
Number of institutions	1,825	1,595	1,404	1,298	1,196
Number of branches or offices	3,645	3,643	3,603	3,567	3,469
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions)	33.63	37.49	43.79	47.45	52.90
Trust and loan companies⁶					
Number of institutions	37	38	39	39	30
Number of branches or offices	1,539	1,579	1,534	1,694	1,529
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions)	0.44	0.69	1.21	1.22	0.95
Governmental savings institutions⁷					
Number of institutions	2	2	2	1	1
Number of branches or offices	166	168	167	147	172
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions) ⁸	3.04	3.57	3.61	3.12	3.60
Institutions offering payment services to non-banks (total)					
Number of institutions	1,918	1,700	1,517	1,405	1,295
Number of branches or offices	13,699	14,314	14,249	14,424	14,199
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (CAD billions) ⁵	222.20	252.02	268.48	284.67	312.92

¹ There are five branches but only the head office offers payment services. ² Figures represent accounts held at the Bank of Canada by CPA members for the settlement of the ACSS and LVTS. ³ Lower balances in 2003 were largely attributable to the introduction of next-day settlement in the ACSS. ⁴ Some foreign bank subsidiaries (legally incorporated banks in Canada that are owned by a foreign bank parent but will only show up on the consolidated balance sheet of the foreign parent) and foreign bank branches (included in the parent bank's individual balance sheet) are associated with the same parent bank. In previous editions of these statistics, these separate entities were recorded as a single institution; from this edition forward, each entity will be recorded as a separate institution. This change has caused these figures to increase. ⁵ The data have been revised over the whole period. ⁶ Only a few operate nationwide; those companies that are members of the Canadian Payments Association are included. ⁷ Prior to 2003, institutions operated in the provinces of Alberta and Ontario. Since 2003, only one institution has been operating, and is located in Alberta. ⁸ Data for 2003 have been revised.

Table 6
Payment card functions and accepting devices¹
(thousands, end of year)

	2000	2001	2002	2003	2004
Cards issued in the country					
Cards with a cash function ^{2,3}	65,000	nav	nav	nav	nav
Cards with a debit function ³	36,000	nav	nav	nav	nav
Cards with a delayed debit function	nav	nav	nav	nav	nav
Cards with a credit function	42,000	47,000	52,000	53,000	56,536
Cards with an e-money function	87	74	77	nav	nav
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	nav
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	32	36	40	44	48
<i>of which:</i>					
ATMs with a cash withdrawal function	32	36	40	44	48
ATMs with a credit transfer function ⁴	22	22	21	23	23
POS terminals ⁵	438	463	495	521	546
<i>of which: EFTPOS terminals</i>	438	463	495	521	546
E-money card terminals	1.25	0.49	0.33	neg	neg
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	1.25	0.49	0.33	<i>neg</i>	<i>neg</i>
<i>e-money card payment terminals</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>

¹ All figures are estimates. ² Includes cards with a combined cash and debit function and cards with a combined cash and credit function. ³ Since 2000, this data has not been available. ⁴ Credit transfer functions are, for the most part, limited to proprietary ATMs. Access to the credit transfer functions on these ATMs is restricted to clients of the associated proprietary institution. ⁵ Includes both shared and proprietary networks.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions^{1, 2}
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	565.3	634.8	652.9	723.1	793.5
<i>of which:</i>					
<i>paper based³</i>	87.6	82.6	80.3	59.2	49.2
<i>non-paper based⁴</i>	477.7	552.2	572.6	663.9	744.3
Direct debits	444.4	488.5	520.4	560.6	590.0
Card payments with cards issued in the country	3,230.9	3,556.6	3,897.0	4,228.0	4,581.0
<i>of which:</i>					
<i>payments by cards with a debit function</i>	1,960.1	2,236.6	2,404.0	2,590.0	2,819.2
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function⁵</i>	1,270.8	1,320.0	1,493.0	1,638.0	1,761.8
E-money payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	1,658.2	1,589.0	1,515.0	1,449.8	1,377.6
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	5,898.8	6,268.9	6,585.3	6,961.5	7,342.2
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
ATM withdrawals ⁶	1,232.5	1,232.7	1,219.5	1,145.1	1,114.9
ATM deposits	327.0	337.0	339.0	346.0	345.4
POS payment transactions (irrespective of type of card used) ⁷	3,230.9	3,556.6	3,897.0	4,228.0	4,581.0
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ All figures are estimates. ² Figures include on-us transactions. ³ Bill payments initiated at ATMs and bank tellers. ⁴ Includes bill payments initiated over the telephone or internet, AFT credits and corporate-to-corporate credits (EDI); data for 2003 are revised. ⁵ Includes charge cards. ⁶ Includes transactions by cards issued abroad. The data have been revised over the whole period. ⁷ Figures for POS transactions involving cards with a credit function represent the volume of transactions for cards issued in Canada and include transactions conducted at terminals in other countries.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions^{1,2}
(CAD billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	614.9	676.8	749.6	885.7	1,001.4
<i>of which:</i>					
<i>paper based³</i>	21.5	23.8	24.6	21.2	20.9
<i>non-paper based⁴</i>	593.4	653.0	725.0	864.5	980.5
Direct debits	207.5	260.9	308.0	351.8	387.6
Card payments with cards issued in the country	210.9	216.5	258.0	281.0	305.7
<i>of which:</i>					
<i>payments by cards with a debit function⁵</i>	85.2	94.9	105.0	116.0	124.4
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function⁶</i>	125.7	121.6	153.0	165.0	181.3
E-money payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	5,471.3	5,144.5	4,820.5	3,708.0	3,477.2
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	6,504.6	6,298.7	6,136.1	5,226.5	5,172.0
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
ATM withdrawals ⁷	99.7	103.8	108.2	105.7	106.9
ATM deposits	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used) ⁸	210.9	216.5	258.0	281.0	305.7
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ All figures are estimates. ² Figures include on-us transactions. ³ Bill payments initiated at ATMs and bank tellers. ⁴ Includes bill payments initiated over the telephone or internet, AFT credits and corporate-to-corporate credits (EDI); data for 2003 are revised. ⁵ Includes the value of cash-back transactions. ⁶ Includes charge cards. ⁷ Includes transactions by cards issued abroad. The data have been revised over the whole period. ⁸ Figures for POS transactions involving cards with a credit function represent the value of transactions for cards issued in Canada and include transactions conducted at terminals in other countries.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions¹
(millions, total for the year)

	2000	2001	2002	2003	2004
Large Value Transfer System	3.5	3.7	3.9	4.1	4.3
Concentration ratio in terms of volume (%)	85.5	84.7	84.2	84.1	84.0
Automated Clearing Settlement System²	4,151.7	4,426.3	4,540.2	4,741.8	4,996.7
<i>Small cheques</i>	1,359.3	1,303.4	1,242.8	1,188.3	1,140.9
<i>Large cheques³</i>	6.4	6.5	6.8	6.9	7.1
<i>Unqualified⁴</i>	16.1	14.3	12.9	13.3	12.1
<i>Paper remittances⁵</i>	73.0	68.8	66.9	49.3	41.1
<i>Electronic remittances⁶</i>	58.3	77.9	103.2	145.9	176.8
<i>EDI</i>	0.8	0.8	1.1	1.1	1.4
<i>AFT⁷ credits</i>	339.0	381.5	372.9	406.3	442.1
<i>AFT⁷ debits</i>	370.3	407.1	433.7	467.2	491.7
<i>Shared ABM networks⁸</i>	374.4	389.7	348.2	306.7	294.1
<i>Point of sale</i>	1,554.1	1,776.3	1,951.7	2,156.8	2,389.4
Concentration ratio in terms of volume (%)	80.3	80.7	81.4	83.4	82.8

¹ Figures exclude on-us transactions. ² Data revised for 2001–03. As of November 2003, end-of-day net positions in the ACSS are settled next-day via the LVTS. ³ Defined as all cheques over CAD 50,000. ⁴ Returned payment orders, principally due to lack of funds in the payer's account, stop-payment orders or orders not meeting the standards and specifications of the Canadian Payments Association. ⁵ Paper-based credit transfers; data revised for 2001–03. As from June 2001, cleared through the ACSS and settled at end-of-day via the LVTS. As from November 2003, all ACSS payments settled via the LVTS. For consistency, data from June 2001 to 2003, which had previously been deleted to avoid double-counting, have been reinserted. ⁶ Electronic credit transfers. ⁷ Automated Funds Transfer. ⁸ Point of service disbursement of currency on shared networks.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions¹
(CAD billions, total for the year)

	2000	2001	2002	2003	2004
Large Value Transfer System	26,040.1	28,492.3	28,960.4	31,533.6	33,022.2
Concentration ratio in terms of value (%)	82.7	82.9	81.3	80.2	79.9
Automated Clearing Settlement System²	5,344.7	5,181.4	5,017.4	4,247.7	4,212.3
<i>Small cheques</i>	1,135.7	1,125.8	1,109.0	1,100.6	1,109.4
<i>Large cheques³</i>	3,399.7	3,139.3	2,888.4	1,970.4	1,788.3
<i>Unqualified⁴</i>	24.0	22.0	19.7	19.0	19.5
<i>Paper remittances⁵</i>	17.9	19.8	20.6	17.7	17.4
<i>Electronic remittances⁶</i>	9.3	14.1	22.0	35.8	47.6
<i>EDI</i>	93.3	80.1	76.9	92.1	96.2
<i>AFT⁷ credits</i>	391.9	450.0	505.3	592.5	673.3
<i>AFT⁷ debits</i>	172.9	217.4	256.7	293.2	323.0
<i>Shared ABM networks⁸</i>	30.3	32.8	30.9	28.3	28.2
<i>Point of sale</i>	69.7	80.1	87.9	98.1	109.4
Concentration ratio in terms of value (%)	81.9	83.4	83.6	81.9	81.1

¹ Figures exclude on-us transactions. ² Data revised for 2001–03. As of November 2003, end-of-day net positions in the ACSS are settled next-day via the LVTS. ³ Defined as all cheques over CAD 50,000. ⁴ Returned payment orders, principally due to lack of funds in the payer's account, stop-payment orders or orders not meeting the standards and specifications of the Canadian Payments Association. ⁵ Paper-based credit transfers; data revised for 2001–03. As from June 2001, cleared through the ACSS and settled at end-of-day via the LVTS. As from November 2003, all ACSS payments settled via the LVTS. For consistency, data from June 2001 to 2003, which had previously been deleted to avoid double-counting, have been reinserted. ⁶ Electronic credit transfers. ⁷ Automated Funds Transfer. ⁸ Point of service disbursement of currency on shared networks.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions¹
(thousands, total for the year)

	2000	2001	2002	2003	2004
Securities settlement systems²	43,060.0	33,180.0	30,380.0	39,240.0	49,340.8
CDSX	nap	nap	nap	nav	49,340.8
Exchange trades	nap	nap	nap	nav	43,162.6
Non-exchange trades	nap	nap	nap	nav	6,178.2
of which:					
equity	nap	nap	nap	nav	3,733.7
Government of Canada bonds ³	nap	nap	nap	nav	1,162.8
Treasury bills	nap	nap	nap	nav	293.9
other ⁴	nap	nap	nap	nav	987.8
SSS/BBS	41,500.0	31,400.0	28,500.0	36,700.0	nap
Exchange trades	37,300.0	27,800.0	25,500.0	32,900.0	nap
Non-exchange trades	4,200.0	3,600.0	3,000.0	3,800.0	nap
of which:					
equity	3,500.0	nav	2,900.0	3,700.0	nap
debt	700.0	nav	100.0	100.0	nap
DCS	1,560.0	1,780.0	1,880.0	2,540.0	nap
Bonds ⁵	830.0	870.0	1,100.0	1,650.0	nap
Treasury bills	260.0	450.0	240.0	260.0	nap
Other ⁶	470.0	460.0	540.0	630.0	nap

¹ From 2002, estimated in a different manner from preceding years. ² The Securities Settlement Service (SSS) and the Debt Clearing Service (DCS) were replaced by CDSX, which is the current clearing and settlement system for equity and debt securities in Canada. Full implementation of CDSX was completed in October 2003; statistics for 2003 are presented in a manner consistent with previous years. ³ Includes Canada Savings Bonds and Canada Premium Bonds. ⁴ Money market instruments, mortgage and asset backed securities, strip bonds and packages. ⁵ Government of Canada, provincial, municipal, corporate and other market bonds. ⁶ Provincial, municipal, corporate and other market bonds, US Treasury bonds and notes, money market instruments, mortgage and asset backed securities, stripped instruments and strip packages.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions¹
(CAD billions, total for the year)

	2000	2001	2002	2003	2004
Securities settlement systems²	24,000.0	31,700.0	26,100.0	40,700.0	nav
CDSX³	nap	nap	nap	nav	nav
Exchange trades	nap	nap	nap	nav	845.4
Non-exchange trades	nap	nap	nap	nav	nav
of which:					
equity	nap	nap	nap	nav	nav
Government of Canada bonds ⁴	nap	nap	nap	nav	nav
Treasury bills	nap	nap	nap	nav	nav
other ⁵	nap	nap	nap	nav	nav
SSS/BBS	2,600.0	2,400.0	1,500.0	2,100.0	nap
Exchange trades	900.0	700.0	600.0	700.0	nap
Non-exchange trades	1,700.0	1,700.0	900.0	1,400.0	nap
of which:					
equity	800.0	nav	700.0	1,300.0	nap
debt	900.0	nav	200.0	100.0	nap
DCS	21,400.0	29,300.0	24,600.0	38,600.0	nap
Bonds ⁶	16,900.0	22,500.0	18,400.0	30,000.0	nap
Treasury bills	1,500.0	2,900.0	3,000.0	4,700.0	nap
Other ⁷	3,000.0	3,900.0	3,200.0	3,900.0	nap

¹ From 2002, estimated in a different manner from preceding years. ² SSS and DCS were replaced by CDSX, which is the current clearing and settlement system for equity and debt securities in Canada. Full implementation of CDSX was completed in October 2003; statistics for 2003 are presented in a manner consistent with previous years. ³ A system change in January 2005 affected value and volume calculations for non-exchange and debt transactions for 2004. As a result of this change, figures for the value of transactions for these particular securities are not available for 2004. ⁴ Includes Canada Savings Bonds and Canada Premium Bonds. ⁵ Money market instruments, mortgage and asset backed securities, strip bonds and packages. ⁶ Government of Canada, provincial, municipal, corporate and other market bonds. ⁷ Provincial, municipal, corporate and other market bonds, US Treasury bonds and notes, money market instruments, mortgage and asset backed securities, stripped instruments and strip packages.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Securities settlement systems					
CDSX¹					
Banks	nap	nap	nap	nav	12
<i>of which:</i>					
<i>domestic</i>	nap	nap	nap	nav	12
<i>foreign</i>	nap	nap	nap	nav	0
Brokers/dealers	nap	nap	nap	nav	65
<i>of which:</i>					
<i>domestic</i>	nap	nap	nap	nav	64
<i>foreign</i>	nap	nap	nap	nav	1
Others	nap	nap	nap	nav	15
Total	nap	nap	nap	98	92
SSS/BBS²	99	107	105	nap	nap
DCS²	79	82	80	nap	nap

¹ SSS and DCS were replaced by CDSX, which is the current clearing and settlement system for equity and debt securities in Canada. Full implementation of CDSX was completed in October 2003. ² 2001 figures are estimates.

Table 11d
Outstanding securities
(CAD billions, end of year)

	2000	2001	2002	2003	2004
Securities settlement systems					
Securities on deposit at CDS¹	1,873	1,749	1,818	2,110	2,401

¹ Par value of debt securities plus market value of equity securities on deposit at CDS as at 31 October. This applies to all years except 2004, where the figure represents the par value as at 31 December.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	14	14	13	13	13
<i>of which: live</i>	14	13	13	13	13
Sub-members	35	33	36	38	38
<i>of which: live</i>	35	33	36	38	38
Participants	13	12	13	12	11
<i>of which: live</i>	12	11	10	9	10
Total users	62	59	62	63	62
<i>of which: live</i>	61	57	59	60	61
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	21,656	25,377	25,707	28,449	31,653
<i>of which:</i>					
<i>category I</i>	5,582	6,144	6,091	6,337	7,121
<i>category II</i>	4,554	4,739	4,718	5,012	5,194
Total messages received	19,430	22,740	22,589	24,127	26,471
<i>of which:</i>					
<i>category I</i>	6,144	6,767	6,928	7,302	7,914
<i>category II</i>	4,775	5,017	5,053	5,518	5,638
Domestic traffic	5,384	7,159	6,254	6,206	6,831
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	294,701	306,185	307,869	309,762	311,660
GDP (EUR billions)	6,561.1	6,967.7	7,208.2	7,405.9	7,700.1
GDP per capita (EUR)	22,264	22,757	23,413	23,908	24,707
Consumer price inflation (%) ^{1,2}	2.10	2.34	2.25	2.07	2.14
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8039

¹ Yearly average. ² Harmonised index (HICP).

Source: ECB.

Table 2
Settlement media used by non-MFIs
(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside MFIs ¹	nap	nap	341.16	397.90	468.43
Value of overnight deposits held by non-MFIs ²	1,764.25	2,043.29	2,153.57	2,388.10	2,534.32
Narrow money supply (M1) ^{1,3}	nap	nap	2,499.43	2,727.09	2,948.88
<i>Memo:</i>					
Overnight deposits in foreign currencies held by non-MFIs	85.71	93.09	92.05	111.82	112.33
Outstanding value on e-money storages issued	0.14	0.21	0.27	0.31	0.37
<i>of which:</i>					
<i>on card-based products</i>	0.14	0.21	0.27	0.31	0.37
<i>on software or network-based products</i>	0	0	0	neg	neg

¹ Data can only be derived at the euro area aggregate level since the introduction of euro banknotes and coin in 2002. ² Held at Monetary Financial Institutions (MFIs) by non-MFIs (excluding "Central government" and "Rest of the world"). The indicator is not synonymous with the same term used in the ECB concept of M1. ³ Cannot be calculated from the above items in this table (see also footnote 2).

Source: ECB.

Table 4**Banknotes and coin¹***(EUR billions, end of year)*

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	nap	nap	392.95	450.52	517.28
Total banknotes in circulation	nap	nap	358.54	436.13	501.26
<i>of which:</i>					
<i>EUR 500</i>	<i>nap</i>	<i>nap</i>	83.43	119.24	153.11
<i>EUR 200</i>	<i>nap</i>	<i>nap</i>	24.17	27.09	28.63
<i>EUR 100</i>	<i>nap</i>	<i>nap</i>	67.32	80.98	91.94
<i>EUR 50</i>	<i>nap</i>	<i>nap</i>	121.74	144.82	162.75
<i>EUR 20</i>	<i>nap</i>	<i>nap</i>	39.50	41.08	41.59
<i>EUR 10</i>	<i>nap</i>	<i>nap</i>	16.43	16.85	17.00
<i>EUR 5</i>	<i>nap</i>	<i>nap</i>	5.95	6.09	6.23
Total coin in circulation	nap	nap	12.39	14.07	15.35
<i>of which:</i>					
<i>EUR 2</i>	<i>nap</i>	<i>nap</i>	4.93	5.61	6.08
<i>EUR 1</i>	<i>nap</i>	<i>nap</i>	3.58	4.12	4.50
<i>EUR 0.50</i>	<i>nap</i>	<i>nap</i>	1.83	1.90	2.01
<i>EUR 0.20</i>	<i>nap</i>	<i>nap</i>	1.00	1.13	1.24
<i>EUR 0.10</i>	<i>nap</i>	<i>nap</i>	0.55	0.66	0.75
<i>EUR 0.05</i>	<i>nap</i>	<i>nap</i>	0.30	0.38	0.44
<i>EUR 0.02</i>	<i>nap</i>	<i>nap</i>	0.13	0.17	0.20
<i>EUR 0.01</i>	<i>nap</i>	<i>nap</i>	0.07	0.10	0.12
Banknotes and coin in circulation held by MFIs	nap	nap	51.79	52.62	48.86
Banknotes and coin in circulation outside MFIs	nap	nap	341.16	397.90	468.43

¹ Data can only be derived at the euro area aggregate level since the introduction of euro banknotes and coin in 2002.

Source: ECB.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	60,667	61,044	61,426	61,800	62,177
GDP (EUR billions)	1,441.4	1,497.2	1,548.6	1,585.2	1,648.4
GDP per capita (EUR)	23,759	24,526	25,210	25,650	26,511
Consumer price inflation (%) ¹	1.83	1.78	1.94	2.17	2.34
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8049

¹ Yearly average.**Table 2**
Settlement media used by non-banks
(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	44.99	29.63	nap	nap	nap
Value of transferable deposits ²	271.96	308.85	297.16	351.17	364.71
Narrow money supply (M1) ^{1,3}	382.73	406.12	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	12.44	14.31	12.85	11.74	10.60
Outstanding value on e-money storages	neg	neg	0.02	0.02	0.02
<i>of which:</i>					
<i>on card-based products</i>	neg	neg	0.02	0.02	0.02
<i>on software or network-based products</i>	0	0	0	0	0

¹ From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).² Includes deposits in French overseas territories. ³ Coin and French franc-denominated sight deposits held by non-banks (including French overseas territories).**Table 3**
Settlement media used by banks
(EUR billions, average of last reserve maintenance period)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	20.70	23.10	22.90	23.30	25.00
<i>of which:</i>					
<i>required reserves</i>	20.50	22.90	22.80	23.20	24.90
<i>free reserves</i>	0.20	0.20	0.10	0.10	0.10
Transferable balances held at other banks ¹	248.95	239.18	224.95	211.32	234.24
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	27.76	25.22	25.61	26.08	33.46
<i>overnight and longer</i> ²	22.57	10.88	12.07	9.73	15.73

¹ Average of fourth quarter. ² Marginal lending facility and other monetary policy operations vis-à-vis the Eurosystem.**Table 4**
Banknotes and coin¹¹ Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices	211	211	211	211	178
Number of accounts (thousands)	73	72	68	66	30
Value of accounts (EUR billions) ¹	2.78	3.30	1.62	1.03	0.66
Banks²					
Number of institutions	1,099	1,050	989	939	897
Number of branches or offices	25,657	26,049	26,162	39,351	39,825
Number of accounts (thousands)	56,325	57,311	57,791	68,686	69,719
<i>of which: number of internet/PC-linked accounts</i>	nav	nav	nav	nav	nav
Value of accounts (EUR billions)	269.17	305.48	295.33	349.41	363.28
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	1,049	965	912	870	827
Number of branches or offices	25,657	26,049	26,162	39,351	39,825
Value of accounts (EUR billions)	269.17	305.48	295.33	349.41	363.28
Branches of euro area-based credit institutions					
Number of institutions	36	41	38	33	39
Branches of EEA-based credit institutions (outside the euro area)					
Number of institutions	14	23	21	19	16
Branches of non-EEA based banks					
Number of institutions	0	21	18	17	15
Other institutions offering payment services to non-banks³					
Number of institutions	2	2	2	1	1
Number of branches or offices	20,493	15,227	11,092	nav	nav
Number of accounts (thousands)	10,347	10,707	10,435	nav	nav
Value of accounts (EUR billions)	68.00	70.00	82.00	36.00	45.00
Institutions offering payment services to non-banks (total)					
Number of institutions	1,102	1,053	992	941	899
Number of branches or offices	46,361	41,487	37,465	39,562	40,003
Number of accounts held by non-banks (thousands)	66,745	68,090	68,294	68,752	69,749
<i>of which: number of internet/PC-linked accounts</i>	nav	nav	nav	nav	nav
Value of accounts held by non-banks (EUR billions)	339.95	378.78	378.95	386.44	408.94
<i>Memo:</i>					
Electronic money institutions					
Number of institutions ⁴	nap	nap	nap	1	1
Outstanding value on e-money storages issued by e-money institutions	nap	nap	nap	nav	nav

¹ Includes the overnight deposits of the central public administrations. ² Excludes investment firms. ³ Since 2003 the Treasury is the only other institution; the Post Office has been integrated into the category of credit institutions. ⁴ Excludes other credit institutions.

Table 6
Payment card functions and accepting devices
(thousands, end of year)

	2000	2001	2002	2003	2004
Cards issued in the country					
Cards with a cash function	40,945	43,315	45,404	47,646	49,112
Cards with a payment function	36,908	39,733	41,852	44,383	45,985
Cards with an e-money function	0	319	838	1,272	1,160
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	40,945	43,315	45,404	47,646	49,112
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Terminals located in the country					
ATMs	35.2	36.9	39.0	42.0	43.7
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	839.0	904.3	956.4	1,000.0	1,060.0
<i>of which: EFTPOS terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card terminals	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	2.1	15.9	23.1	23.0
<i>e-money card payment terminals</i>	<i>nav</i>	13.6	69.2	105.8	77.8

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	2,093.6	2,175.5	2,564.2	2,587.5	2,599.2
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	1,968.6	2,063.5	2,183.8	2,353.2	2,542.7
Card payments with cards issued in the country ¹	3,292.4	3,670.7	4,095.6	4,341.5	4,650.0
<i>of which:</i>					
<i>payments by cards with a debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	0	2.8	18.4	18.1	16.0
<i>of which:</i>					
<i>by cards with an e-money function</i>	<i>0</i>	<i>2.8</i>	<i>18.4</i>	<i>18.1</i>	<i>16.0</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ²	4,493.7	4,338.6	4,349.5	4,261.5	4,133.8
Other payment instruments ³	131.6	114.5	135.8	129.9	129.2
Total number of transactions with payment instruments	11,979.9	12,365.6	13,347.3	13,691.8	14,071.0
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	1,082.3	1,165.0	1,213.0	1,244.9	1,260.0
<i>of which:</i>					
<i>ATM cash withdrawals</i>	<i>1,082.3</i>	<i>1,165.0</i>	<i>1,213.0</i>	<i>1,244.9</i>	<i>1,260.0</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	3,292.4	3,670.7	4,095.6	4,341.5	4,650.0
E-money card loading/unloading transactions	0	0.6	2.6	2.8	2.0
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ Transactions at terminals in the country only. ² Data for 2002 and 2003 are revised. ³ Bills of exchange.

Table 8
Indicators of the use of payment instruments and terminals: value of transactions
 (EUR billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	76,870.6	92,907.6	96,181.0	98,095.6	107,554.3
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	657.8	703.0	751.4	756.0	782.5
Card payments with cards issued in the country ¹	153.0	170.0	190.0	204.0	219.6
<i>of which:</i>					
<i>payments by cards with a debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	0	0.01	0.07	0.07	0.05
<i>of which:</i>					
<i>by cards with an e-money function</i>	<i>0</i>	<i>0.01</i>	<i>0.07</i>	<i>0.07</i>	<i>0.05</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ²	2,278.2	2,211.4	2,375.5	2,433.6	2,084.2
Other payment instruments ³	599.3	453.6	549.5	526.4	509.8
Total value of transactions with payment instruments	80,558.8	96,445.6	100,047.5	102,015.7	111,150.4
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	66.0	71.0	76.0	81.0	85.2
<i>of which:</i>					
<i>ATM cash withdrawals</i>	<i>66.0</i>	<i>71.0</i>	<i>76.0</i>	<i>81.0</i>	<i>85.2</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	153.0	170.0	190.0	204.0	219.6
E-money card loading/unloading transactions	0	0.02	0.08	0.08	0.06
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ Transactions at terminals in the country only. ² Data for 2002 and 2003 are revised. ³ Bills of exchange.

Table 9**Payments processed by selected interbank funds transfer systems: volume of transactions***(millions, total for the year)*

	2000	2001	2002	2003	2004
Large-value payment systems					
TBF (TARGET component)					
Credit transfers sent	3.00	3.81	3.81	3.86	4.00
<i>of which:</i>					
<i>credit transfers sent within TBF</i>	1.87	2.45	2.16	2.13	2.09
<i>credit transfers sent to another TARGET component</i>	1.13	1.36	1.65	1.74	1.91
<i>Memo:</i>					
Credit transfers received from another TARGET component	1.40	1.50	1.70	1.82	1.99
Concentration ratio in terms of volume (%)	44.8	41.0	44.1	46.2	47.1
PNS					
Credit transfers sent	5.50	8.00	7.58	7.35	7.01
<i>of which:</i>					
<i>national credit transfers</i>	5.50	8.00	7.58	7.35	7.01
Concentration ratio in terms of volume (%)	nav	60.1	63.3	63.7	62.8
Retail payment systems					
SIT¹	6,485.33	7,131.09	11,043.48	11,298.21	11,614.86
<i>of which:</i>					
<i>credit transfers</i>	1,474.02	1,547.23	1,625.29	1,682.93	1,736.52
<i>direct debits</i>	1,461.95	1,504.99	1,655.63	1,726.77	1,842.32
<i>card payments</i>	2,781.57	3,076.32	3,471.57	3,660.46	3,926.28
<i>ATM transactions</i>	651.24	690.51	690.58	654.05	633.55
<i>e-money transactions</i>	nav	nav	nav	nav	nav
<i>cheques</i>	nav	197.51	3,490.57	3,467.24	3,370.40
<i>other payment instruments</i>	116.55	114.53	109.83	106.76	105.80
Concentration ratio in terms of volume (%)	nav	nav	57.1	57.5	60.4
Clearing Houses – CH Paris					
<i>of which:</i>					
<i>cheques</i>	682.21	677.76	93.30	nap	nap
<i>credit transfers</i>	nap	nap	nap	nap	nap
Clearing Houses – CH Province					
<i>of which:</i>					
<i>cheques</i>	2,771.69	2,469.06	53.64	nap	nap
CREIC²					
<i>of which:</i>					
<i>cheques</i>	307.72	270.17	4.32	nap	nap

¹ Système Interbancaire de Télécompensation. ² Centres Régionaux d'Echanges d'Images-Chèques.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
TBF (TARGET component)					
Credit transfers sent	68,156.6	87,572.7	91,244.4	96,326.3	108,411.4
<i>of which:</i>					
<i>credit transfers sent within TBF</i>	52,397.9	65,092.4	73,658.4	77,080.8	87,514.4
<i>credit transfers sent to another TARGET component</i>	15,758.7	22,480.3	17,585.9	19,245.5	20,897.0
<i>Memo:</i>					
Credit transfers received from another TARGET component	15,810.0	19,050.0	17,582.5	19,244.3	20,886.9
Concentration ratio in terms of value (%)	38.7	43.6	46.1	48.1	52.0
PNS					
Credit transfers sent	21,844.9	22,324.0	19,995.3	17,980.4	17,480.6
<i>of which:</i>					
<i>national credit transfers</i>	21,844.9	22,324.0	19,995.3	17,980.4	17,480.6
Concentration ratio in terms of value (%)	nav	54.6	61.6	61.1	59.0
Retail payment systems					
SIT¹	2,458.4	2,444.2	4,442.5	4,671.3	4,567.2
<i>of which:</i>					
<i>credit transfers</i>	1,527.4	1,385.1	1,573.0	1,571.7	1,722.6
<i>direct debits</i>	324.5	368.3	410.1	412.7	429.4
<i>card payments</i>	127.5	140.7	159.4	169.4	182.5
<i>ATM transactions</i>	32.7	34.7	35.9	34.9	34.5
<i>e-money transactions</i>	nap	nap	nap	nap	nap
<i>cheques</i>	nap	61.8	1,827.9	2,059.1	1,770.4
<i>other payment instruments</i>	446.3	453.6	436.2	423.6	427.8
Concentration ratio in terms of value (%)	nav	nav	49.7	50.7	60.5
Clearing Houses – CH Paris	726.0	763.2	183.6	nap	nap
<i>of which:</i>					
<i>cheques</i>	726.0	763.2	183.6	nap	nap
<i>credit transfers</i>	nap	nap	nap	nap	nap
Clearing Houses – CH Province	1,163.3	987.2	23.0	nap	nap
<i>of which:</i>					
<i>cheques</i>	1,163.3	987.2	23.0	nap	nap
CREIC²	25.9	23.1	0.4	nap	nap
<i>of which:</i>					
<i>cheques</i>	25.9	23.1	0.4	nap	nap

¹ Système Interbancaire de Télécompensation. ² Centres Régionaux d'Echanges d'Images-Chèques.

Table 11a**Instructions handled by trading platforms, clearing houses and securities settlement systems:***(thousands, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Paris	98,080	87,880	94,081	101,000	94,811
Clearing houses					
LCH.Clearnet SA ¹	88,900	81,000	91,200	97,000	94,000
Securities settlement systems					
Euroclear France	40,800	31,400	29,004	27,812	26,520

¹ The figures refer only to LCH.Clearnet SA activities in France.**Table 11b****Instructions handled by trading platforms, clearing houses and securities settlement systems:***(EUR billions, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Paris	1,165.0	1,193.0	1,159.9	971.0	1,082.1
Clearing houses					
LCH.Clearnet SA ¹	1,205.0	1,299.0	1,175.6	968.0	1,071.0
Securities settlement systems					
Euroclear France	36,835.0	43,635.0	52,996.0	52,582.2	60,162.0

¹ The figures refer only to LCH.Clearnet SA activities in France.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Paris	91	103	164	121	125
Banks	nav	nav	nav	nav	0
Brokers/dealers	nav	nav	nav	nav	91
Clearing houses					
LCH.Clearnet SA¹	59	93	102	113	116
Banks	nav	nav	nav	nav	nav
Brokers/dealers	nav	nav	nav	nav	nav
Securities settlement systems					
Euroclear (RGV + Relit)	659	658	637	960	955
<i>of which:</i>					
<i>direct participants</i>	335	331	325	330	328
Banks	nav	nav	nav	nav	nav
Brokers/dealers	nav	nav	nav	nav	nav

¹ The figures refer only to LCH.Clearnet SA activities in France.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Paris					
Value of equities listed (EUR billions)	1,548.5	1,325.7	934.8	1,082.0	1,152.7
Value of other securities listed (EUR billions)	779.1	795.1	818.2	809.0	813.8
Number of equities listed	1,185	1,177	1,131	1,070	1,032
Number of other securities listed	1,313	1,264	1,112	1,091	1,700
Securities settlement systems					
Euroclear France					
Value of equities held (EUR billions)	1,511.0	1,291.4	935.8	1,061.7	1,110.3
Value of other securities held (EUR billions)	1,995.0	2,160.8	2,237.6	2,449.0	2,665.8
Number of equities held	1,557	1,457	1,323	1,203	1,186
Number of other securities held	22,146	24,058	23,603	22,973	25,372

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	68	60	59	59	53
<i>of which: live</i>	67	60	59	59	53
Sub-members	99	120	124	122	125
<i>of which: live</i>	97	117	124	122	124
Participants	88	68	64	65	69
<i>of which: live</i>	84	64	61	63	69
Total users	255	248	247	246	247
<i>of which: live</i>	252	241	244	244	246
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	91,470	113,732	121,585	129,249	137,818
<i>of which:</i>					
<i>category I</i>	21,227	26,286	27,142	27,914	28,735
<i>category II</i>	13,553	13,631	13,665	13,209	13,137
Total messages received	83,035	99,310	107,634	116,305	121,495
<i>of which:</i>					
<i>category I</i>	22,397	27,576	28,841	29,702	29,719
<i>category II</i>	12,832	12,465	12,273	11,959	11,592
Domestic traffic	22,318	27,223	27,295	26,148	26,598
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	82,188	82,340	82,482	82,520	82,501
GDP (EUR billions)	2,062.5	2,113.2	2,145.0	2,163.4	2,215.7
GDP per capita (EUR)	25,095	25,664	26,006	26,217	26,856
Consumer price inflation (%) ¹	1.39	1.90	1.35	1.05	1.79
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8049

¹ Yearly average.**Table 2**
Settlement media used by non-banks
(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	125.90	67.97	nav	nav	nav
Value of transferable deposits ²	475.61	558.63	608.09	654.27	681.39
Narrow money supply (M1) ¹	574.58	601.64	nav	nav	nav
<i>Memo:</i>					
Transferable deposits in foreign currencies	19.19	20.94	22.13	19.11	21.55
Outstanding value on e-money storages	0.06	0.06	0.07	0.07	0.07
<i>of which:</i>					
<i>on card-based products</i>	0.06	0.06	0.07	0.07	0.07
<i>on software or network-based products</i>	nav	nav	nav	nav	nav

¹ From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).² Excludes the component counterpart sector "central government".**Table 3**
Settlement media used by banks

(EUR billions, average of last reserve maintenance period)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	35.89	39.26	38.75	37.93	37.50
<i>of which:</i>					
<i>required reserves</i>	35.58	38.96	38.61	37.85	37.44
<i>free reserves</i>	0.31	0.30	0.14	0.08	0.06
Transferable balances held at other banks	nav	nav	nav	nav	nav
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	nav	nav	nav	nav	nav
<i>overnight and longer</i> ¹	131.86	106.14	121.67	151.94	191.68

¹ Marginal lending facility and other monetary policy operations vis-à-vis the Eurosystem.**Table 4**
Banknotes and coin¹¹ Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices	130	128	67	67	67
Number of accounts (thousands)	36	36	36	32	27
Value of accounts (EUR billions)	0.45	1.01	0.63	0.55	0.38
Banks¹					
Number of institutions	2,741	2,526	2,363	2,225	2,148
Number of branches or offices	59,698	56,705	53,325	49,563	47,581
Number of accounts (thousands) ²	88,497	88,890	87,870	84,324	85,136
<i>of which: number of internet/PC-linked accounts (thousands)²</i>	15,130	19,070	29,695	30,757	33,078
Value of accounts (EUR billions)	479.00	560.44	609.12	656.21	683.48
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	2,652	2,445	2,281	2,140	2,063
Number of branches or offices	59,521	56,527	53,175	49,398	47,418
Value of accounts (EUR billions)	474.39	554.82	603.32	648.30	674.93
Branches of euro area-based credit institutions					
Number of institutions	45	43	46	49	49
Number of branches or offices	87	86	83	81	89
Value of accounts (EUR billions)	2.94	3.74	4.02	6.12	6.68
Branches of EEA-based credit institutions (outside the euro area)					
Number of institutions	16	16	17	17	17
Number of offices	41	52	35	54	44
Value of overnight deposits (EUR billions)	0.74	0.95	0.91	0.97	0.87
Branches of non-EEA based banks					
Number of institutions	28	22	19	19	19
Number of branches or offices	49	40	32	30	30
Value of accounts (EUR billions)	0.93	0.92	0.87	0.83	1.01
Other institutions offering payment services to non-banks					
Number of institutions	nap	nap	nap	nap	nap
Number of branches or offices	nap	nap	nap	nap	nap
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
Institutions offering payment services to non-banks (total)					
Number of institutions	2,742	2,527	2,364	2,226	2,149
Number of branches or offices	59,828	56,833	53,392	49,630	47,648
Number of accounts held by non-banks (thousands) ²	88,533	88,925	87,906	84,356	85,163
<i>of which: number of internet/PC-linked accounts (thousands)²</i>	15,130	19,070	29,695	30,757	33,078
Value of accounts held by non-banks (EUR billions)	479.45	561.44	609.75	656.77	683.86
<i>Memo:</i>					
Electronic money institutions					
Number of institutions	0	0	0	0	0
Outstanding value on e-money storages issued by e-money institutions	nap	nap	nap	nap	nap

¹ Includes Deutsche Postbank AG, a fully fledged credit institution, and those post office branches which are entrusted with the semi-cashless payment systems on behalf of the Postbank AG. ² Partly estimated.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)¹					
Cards with a cash function	109,450	125,508	119,392	116,950	115,623
Cards with a debit function	92,810	105,931	93,658	90,516	89,154
Cards with a delayed debit function ²	16,640	17,969	19,694	20,203	20,432
Cards with an e-money function	60,700	67,333	62,597	62,817	63,912
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	109,450	125,624	121,019	118,395	117,840
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>57,265</i>	<i>58,885</i>	<i>61,525</i>	<i>61,661</i>	<i>62,935</i>
<i>Memo:</i>					
Retailer cards ³	6,200	7,400	7,700	8,500	9,300
Terminals located in the country					
ATMs	47,650	49,620	50,487	51,129	52,595
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>47,650</i>	<i>49,620</i>	<i>50,487</i>	<i>51,129</i>	<i>52,595</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals ⁴	591,280	435,680	460,609	495,790	520,020
<i>of which: EFTPOS terminals</i>	<i>591,280</i>	<i>435,680</i>	<i>460,609</i>	<i>495,790</i>	<i>520,020</i>
E-money card terminals	91,448	116,236	134,292	153,303	172,339
<i>of which:</i>					
<i>e-money card loading/unloading terminals⁵</i>	<i>24,502</i>	<i>36,045</i>	<i>35,800</i>	<i>32,398</i>	<i>30,000</i>
<i>e-money card payment terminals</i>	<i>66,946</i>	<i>80,191</i>	<i>98,492</i>	<i>120,905</i>	<i>142,339</i>

¹ Partly estimated. ² Includes payments by cards with a delayed debit function. ³ Figures collected by PaySys GmbH. ⁴ To avoid double counting, the number of terminals includes the most widespread scheme only, since terminals usually accept different card brands. For 2000, figure includes double-counting of replacement terminals. ⁵ Only includes loading terminals.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions¹
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument²					
Credit transfers ³	5,585.0	5,688.5	5,552.5	5,839.0	6,241.7
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	1,361.3	1,225.9	1,045.9	1,037.1
<i>non-paper based</i>	<i>nav</i>	4,327.2	4,326.7	4,793.1	5,204.7
Direct debits ³	4,766.2	4,834.4	4,554.3	5,541.7	6,156.6
Card payments with cards issued in the country	1,437.9	1,649.0	1,864.3	2,016.5	2,236.4
<i>of which:</i>					
<i>payments by cards with a debit function⁴</i>	1,133.9	1,334.1	1,535.8	1,670.3	1,869.0
<i>payments by cards with a delayed debit function⁵</i>	304.0	314.8	328.6	346.2	367.3
E-money payment transactions	26.6	29.4	35.9	37.4	38.3
<i>of which:</i>					
<i>by cards with an e-money function</i>	26.6	29.4	35.9	37.4	38.3
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ³	393.3	319.8	149.7	133.3	112.7
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	12,209.0	12,521.0	12,156.8	13,567.9	14,785.7
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Payments by retailer cards with a payment function	25.0	29.8	31.1	34.3	37.5
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	1,724.0	1,648.4	1,668.3	2,036.4	2,398.7
<i>of which:</i>					
<i>ATM cash withdrawals⁶</i>	1,724.0	1,648.4	1,668.3	2,036.4	2,398.7
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used) ^{4,6}	1,464.5	1,678.3	1,900.2	2,053.9	2,274.7
E-money card loading/unloading transactions ⁷	3.7	3.7	4.4	4.2	4.2
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ Partly estimated. ² This table only includes transactions of national non-banks irrespective of whether they are processed on an intra- or interbank basis. ³ Only includes the number of national credit transfers, direct debits and cheques. ⁴ Figures collected by Eurohandelsinstitut e.V., PaySys GmbH and Zentraler Kreditausschuss (ZKA). ⁵ Includes payments by cards with a delayed debit function. ⁶ Includes transactions with cards issued in the country at terminals in and outside the country (sub-sections a and c). ⁷ Only includes loading transactions.

Table 8
Indicators of the use of payment instruments and terminals: value of transactions¹
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument²					
Credit transfers ³	26,272.9	27,836.2	28,271.1	28,893.6	29,289.7
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	9,599.2	11,799.5	13,033.7	14,526.0
<i>non-paper based</i>	<i>nav</i>	18,237.0	16,471.7	15,859.9	14,763.7
Direct debits ³	3,307.0	3,982.1	3,911.6	3,346.0	3,443.3
Card payments with cards issued in the country	109.7	121.4	133.1	140.4	150.0
<i>of which:</i>					
<i>payments by cards with a debit function⁴</i>	82.9	92.8	103.2	109.3	115.6
<i>payments by cards with a delayed debit function⁵</i>	26.7	28.5	30.0	31.1	34.4
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	0.07	0.07	0.08	0.08	0.08
<i>of which:</i>					
<i>by cards with an e-money function through other e-money storages</i>	0.07	0.07	0.08	0.08	0.08
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ³	986.5	902.1	772.9	674.6	567.8
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	30,676.1	32,841.9	33,088.8	33,054.6	33,450.9
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Payments by retailer cards with an payments function	2.0	2.4	2.5	2.8	3.0
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	253.9	260.5	265.0	303.6	340.2
<i>of which:</i>					
<i>ATM cash withdrawals⁶</i>	253.9	260.5	265.0	303.6	340.2
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used) ^{4,6}	109.7	121.4	133.1	140.4	150.0
E-money card loading/unloading transactions ⁷	0.12	0.10	0.12	0.11	0.11
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ Partly estimated. ² This table only includes transactions of national non-banks irrespective of whether they are processed on an intra- or interbank basis. ³ Only includes the number of national credit transfers, direct debits and cheques. ⁴ Figures collected by Eurohandelsinstitut e.V., PaySys GmbH and Zentraler Kreditausschuss (ZKA). ⁵ Includes payments by cards with a delayed debit function. ⁶ Includes transactions with cards issued in the country at terminals in and outside the country (sub-sections a and c). ⁷ Only includes loading transactions.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
RTGS^{plus} (TARGET component as from 2001)¹					
Credit transfers sent	nap	4.83	31.89	32.79	34.06
<i>of which:</i>					
<i>credit transfers sent within RTGS^{plus}</i>	nap	4.23	27.60	28.19	29.08
<i>credit transfers sent to another TARGET component</i>	nap	0.60	4.30	4.60	4.98
<i>Memo:</i>					
Credit transfers received from another TARGET component	nap	0.49	3.63	4.22	4.77
Concentration ratio in terms of volume (%)	nap	nav	53.3	52.5	51.9
ELS (Euro Link System – TARGET component until 2001)¹					
Credit transfers sent	21.53	19.03	nap	nap	nap
<i>of which:</i>					
<i>credit transfers sent within ELS</i>	17.84	15.89	nap	nap	nap
<i>credit transfers sent to another TARGET component</i>	3.69	3.14	nap	nap	nap
<i>Memo:</i>					
Credit transfers received from another TARGET component	2.76	2.57	nap	nap	nap
Concentration ratio in terms of volume	nav	nap	nap	nap	nap
EAF (Euro Access Frankfurt)¹					
Total transactions sent (domestic credit transfers)	12.99	11.01	nap	nap	nap
Concentration ratio in terms of volume	nav	nav	nap	nap	nap
Retail payment systems					
RPS					
Total transactions sent	2,226.59	2,197.49	2,156.75	2,188.35	2,230.34
<i>of which:</i>					
a) National transactions sent					
Credit transfers	810.18	833.78	871.94	923.13	984.20
<i>of which:</i>					
<i>paper-based credit transfers</i>	1.69	1.72	1.97	1.76	1.51
<i>non-paper based credit transfers</i>	808.49	832.06	869.97	921.37	982.69
Cheques and direct debits ²	1,416.41	1,363.70	1,284.81	1,265.21	1,244.51
Total national transactions sent	2,226.59	2,197.49	2,156.75	2,188.34	2,228.71
b) Cross-border transactions (via STEP2)³					
Credit transfers	nap	nap	nap	0.01	1.64
<i>of which:</i>					
<i>paper-based credit transfers</i>	nap	nap	nap	nap	nap
<i>non-paper based credit transfers</i>	nap	nap	nap	0.01	1.64
Total transactions sent by euro area participants (excluding national transactions)	nap	nap	nap	0.01	1.64
Concentration ratio in terms of volume (%)	nav	nav	nav	20.2	18.7

¹ Introduction of RTGS^{plus} on 5 November 2001 and closedown of EAF. ELS serves, along with SWIFT, as a means of communication to RTGS^{plus} only. ² Includes direct debits and other payment instruments which are technically processed like direct debits such as debit card payments, ATM transactions, e-money payments and cheques. ³ RPS has been a STEP2 "access system" since 3 November 2003. Other STEP2 payments from other "entry points" in Germany are not included.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
RTGS^{plus} (TARGET component as from 2001)¹					
Credit transfers sent	nap	19,435.5	124,784.2	128,543.6	126,366.0
<i>of which:</i>					
<i>credit transfers sent within RTGS^{plus}</i>	<i>nap</i>	<i>14,301.8</i>	<i>91,818.2</i>	<i>92,710.7</i>	<i>89,282.1</i>
<i>credit transfers sent to another TARGET component</i>	<i>nap</i>	<i>5,133.7</i>	<i>32,966.0</i>	<i>35,832.9</i>	<i>37,083.9</i>
<i>Memo:</i>					
Credit transfers received from another TARGET component	nap	5,113.8	33,001.7	35,832.6	37,087.4
Concentration ratio in terms of value (%)	nap	nav	53.7	53.7	53.7
ELS (Euro Link System – TARGET component until 2001)¹					
Credit transfers sent	52,295.4	49,292.4	nap	nap	nap
<i>of which:</i>					
<i>credit transfers sent within ELS</i>	<i>24,001.0</i>	<i>21,144.6</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>credit transfers sent to another TARGET component</i>	<i>28,294.4</i>	<i>28,147.8</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Credit transfers received from another TARGET component	28,266.5	28,143.8	nap	nap	nap
Concentration ratio in terms of value	nav	nap	nap	nap	nap
EAF (Euro Access Frankfurt)¹					
Total transactions sent (domestic credit transfers)	41,522.0	35,025.8	nap	nap	nap
Concentration ratio in terms of value	nav	nav	nap	nap	nap
Retail payment systems					
RPS					
Total transactions sent	2,244.7	2,202.3	2,111.8	2,101.2	2,122.7
<i>of which:</i>					
a) National transactions sent					
Credit transfers	778.7	825.2	886.1	974.6	1,067.5
<i>of which:</i>					
<i>paper-based credit transfers</i>	<i>10.7</i>	<i>14.5</i>	<i>13.1</i>	<i>10.6</i>	<i>8.7</i>
<i>non-paper based credit transfers</i>	<i>768.0</i>	<i>810.7</i>	<i>873.0</i>	<i>964.1</i>	<i>1,058.7</i>
Cheques and direct debits ²	1,466.0	1,377.1	1,225.8	1,126.6	1,054.1
Total national transactions sent	2,244.7	2,202.3	2,111.8	2,101.2	2,121.6
b) Cross-border transactions (via STEP2)³					
Credit transfers	nap	nap	nap	0.01	1.06
<i>of which:</i>					
<i>paper-based credit transfers</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper based credit transfers</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>0.01</i>	<i>1.06</i>
Total transactions sent by euro area participants (excluding national transactions)	nap	nap	nap	0.01	1.06
Concentration ratio in terms of value (%)	nav	nav	nav	33.0	29.3

¹ Introduction of RTGS^{plus} on 5 November 2001 and closedown of EAF. ELS serves, along with SWIFT, as a means of communication to RTGS^{plus} only. ² Includes direct debits and other payment instruments which are technically processed like direct debits such as debit card payments, ATM transactions, e-money payments and cheques. ³ RPS has been a STEP2 "access system" since 3 November 2003. Other STEP2 payments from other "entry points" in Germany are not included.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
Xetra					
Number of trades	39.01	49.72	60.00	71.37	69.37
Number of units	49,584.6	46,823.8	58,467.6	71,408.7	68,677.8
Frankfurt (Floor)					
Number of trades	163.91	123.76	86.65	70.15	66.71
Number of units	1,148,414.9	864,795.7	654,085.8	661,497.4	593,317.3
Eurex ¹					
Volume of contracts traded	454.07	674.18	801.20	1,014.93	1,065.64
Volume of trades	20.42	30.74	44.59	56.21	48.63
Clearing houses					
Eurex Clearing (Equities) ²					
Xetra					
Number of trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	44.92	58.00
Number of units	<i>nap</i>	<i>nap</i>	<i>nap</i>	43,089.3	58,468.0
Frankfurt (Floor)					
Number of trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	8.08	9.00
Number of units	<i>nap</i>	<i>nap</i>	<i>nap</i>	6,457.4	7,528.6
Securities settlement systems					
Clearstream Banking Frankfurt					
Volume of trades cleared ^{3,4}	75.17	66.92	67.28	45.59	33.26

¹ Trades are cleared via Eurex Clearing. ² Eurex Clearing (Equities) started business in March 2003; figures for 2003 are partly estimated. ³ Only includes collective safe custody transactions. ⁴ Introduction of a central counterparty (Eurex Clearing (Equities)) in April 2003 for Frankfurt (Floor) and Xetra.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions
(total for the year)

	2000	2001	2002	2003	2004
Trading platforms (EUR billions)					
Xetra					
	1,982.9	1,969.9	1,833.9	1,737.0	1,874.7
Frankfurt (Floor)					
	3,218.3	1,824.6	1,207.0	1,039.3	927.9
Eurex ¹					
	36,459.3	50,937.2	56,003.5	71,250.8	74,926.6
Clearing houses (EUR millions)					
Eurex Clearing (Equities) ²					
Xetra					
	<i>nap</i>	<i>nap</i>	<i>nap</i>	1,176.6	1,684.8
Frankfurt					
	<i>nap</i>	<i>nap</i>	<i>nap</i>	106.3	141.1
Securities settlement systems (EUR billions)					
Clearstream Banking Frankfurt					
Value of trades cleared ³	<i>nav</i>	<i>nav</i>	13,032.9	14,303.3	13,946.6

¹ Trades are cleared via Eurex Clearing. ² Eurex Clearing (Equities) started business in March 2003; figures for that year are partly estimated. ³ Only includes collective safe custody transactions. In March 2003, introduction of a central counterparty (Eurex Clearing (Equities)) for Frankfurt (Floor) and Xetra.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading systems					
Eurex	429	427	424	406	407
Clearing houses					
Eurex Clearing (Equities)	nap	nap	nap	317	323
Securities settlement systems					
Clearstream Banking Frankfurt	420	422	437	411	405
<i>of which:</i>					
Banks	343	341	355	327	320
<i>of which:</i>					
<i>domestic</i>	288	279	291	261	250
<i>foreign</i>	55	62	64	66	70
Broker/dealer	38	41	43	46	47
<i>of which:</i>					
<i>domestic</i>	28	26	25	25	24
<i>foreign</i>	10	15	18	21	23
Others	13	13	13	13	13
CSDs, Global + Local Custodians	16	17	16	15	15
<i>of which:</i>					
<i>domestic</i>	3	3	3	2	2
<i>foreign</i>	13	14	13	13	13
Central banks, government institutions	10	10	10	10	10
<i>of which:</i>					
<i>domestic</i>	10	10	10	10	10
<i>foreign</i>	0	0	0	0	0

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Securities settlement systems					
Clearstream Banking Frankfurt					
Total value of securities under custody (EUR billions)	5,348.13	5,065.67	4,643.63	4,938.29	4,967.50
<i>of which:</i>					
<i>value of stocks under custody</i>	2,458.17	2,294.62	1,826.19	1,978.67	1,925.35
<i>value of other securities under custody</i>	2,889.96	2,771.05	2,817.44	2,959.62	3,042.15
Total number of securities under custody (millions)	145.20	120.70	108.00	100.21	98.08
<i>of which:</i>					
<i>number of stocks under custody</i>	58.10	40.90	32.30	29.69	27.72
<i>number of other securities under custody</i>	87.10	79.80	75.70	70.52	70.36

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	118	114	111	108	107
<i>of which: live</i>	118	112	111	108	107
Sub-members	108	113	113	115	116
<i>of which: live</i>	106	109	110	112	111
Participants	47	48	54	56	67
<i>of which: live</i>	45	45	49	53	61
Total users	273	275	278	279	290
<i>of which: live</i>	269	266	270	273	279
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	97,197	120,255	194,145	205,623	221,679
<i>of which:</i>					
<i>category I</i>	28,673	34,773	56,014	59,230	63,644
<i>category II</i>	11,894	14,192	25,036	25,557	26,970
Total messages received	94,793	115,409	188,052	199,975	213,262
<i>of which:</i>					
<i>category I</i>	31,740	37,382	58,307	63,614	66,897
<i>category II</i>	20,078	22,125	32,978	34,967	36,610
Domestic traffic	8,374	15,036	46,667	35,927	39,180
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	6,665.0	6,724.9	6,787.0	6,803.1	6,882.6
GDP (HKD billions)	1,314.8	1,298.8	1,276.8	1,233.1	1,290.8
GDP per capita (HKD)	197,268	193,135	188,118	181,262	187,547
Consumer price inflation (%) ²	-3.75	-1.60	-3.04	-2.58	-0.03
Exchange rate (HKD/USD):					
<i>end of year</i>	7.7960	7.7970	7.7980	7.7630	7.7740
<i>average</i>	7.7910	7.7990	7.7990	7.7870	7.7880

¹ Mid-year. ² Yearly average.

Table 2
Settlement media used by non-banks
(HKD billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	91.76	101.63	113.23	127.87	140.80
Value of transferable deposits ²	112.21	128.21	146.18	226.89	271.83
Narrow money supply (M1) ³	203.97	229.84	259.41	354.75	412.63
<i>Memo:</i>					
Transferable deposits in foreign currencies	39.88	28.22	36.24	58.67	71.87
Outstanding value on e-money storages	nav	nav	nav	nav	nav

¹ Includes commemorative coins. ² Customers' demand deposits placed with licensed banks. ³ Notes and coins in circulation and customers' demand deposits placed with licensed banks.

Table 3**Settlement media used by banks***(HKD billions, end of period unless otherwise stated)*

	2000	2001	2002	2003	2004
Transferable balances held at the central bank ¹	0.67	0.67	0.53	28.28	15.79
<i>of which:</i>					
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Transferable balances held at other banks	nap	nap	nap	nap	nap
<i>Memo:</i>					
Institutions' borrowing from the central bank: ²					
<i>intraday</i> ³	9,371.25	10,028.67	9,260.32	9,376.80	6,754.25
<i>overnight and longer</i> ⁴	87.20	38.08	20.44	26.33	12.46

¹ Closing balance of the aggregate balance of settlement accounts. ² Total for the year. ³ Intraday repos. ⁴ Discount window activities.

Table 4**Banknotes and coin***(HKD millions, end of year)*

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	104,965	113,018	124,144	140,290	152,904
Total banknotes in circulation	99,265	107,545	118,973	135,257	147,906
<i>of which:</i>					
<i>HKD 1,000</i>	39,828	47,020	57,307	68,823	79,104
<i>HKD 500</i>	31,799	32,995	33,406	36,010	38,250
<i>HKD 100</i>	14,673	14,796	14,779	16,416	16,260
<i>HKD 500</i>	2,657	2,712	2,873	3,228	3,535
<i>HKD 20</i>	5,338	5,202	5,591	5,660	5,833
<i>HKD 10</i>	4,970	4,820	5,017	5,120	4,924
Total coin in circulation	5,700	5,473	5,171	5,033	4,998
<i>of which:</i>					
<i>HKD 10</i>	1,380	1,353	1,200	1,108	1,057
<i>HKD 5</i>	1,394	1,330	1,288	1,290	1,316
<i>HKD 2</i>	1,214	1,144	1,097	1,086	1,095
<i>HKD 1</i>	935	890	859	846	842
<i>HKD 0.5</i>	373	360	343	331	324
<i>HKD 0.2</i>	247	240	230	221	214
<i>HKD 0.1</i>	151	150	148	145	144
<i>HKD 0.05 (demonetised)</i>	5	5	5	5	5
<i>HKD 0.01 (demonetised)</i>	1	1	1	1	1
Banknotes and coin in circulation held by banks	13,674	11,861	11,384	12,898	12,576
Banknotes and coin in circulation outside banks	91,291	101,157	112,760	127,392	140,328
<i>Memo:</i>					
Commemorative coins ¹	470	470	474	475	475

¹ Notes and coin in circulation outside banks as indicated in Table 2 include commemorative coins.

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices ¹	0	0	0	0	0
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
Authorised institutions					
Number of institutions	263	250	224	215	208
Number of branches or offices	1,819	1,766	1,640	1,531	1,512
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<i>of which:</i>					
Licensed banks					
Number of institutions	154	147	133	134	133
Number of branches or offices	1,616	1,558	1,470	1,377	1,361
Value of accounts	nav	nav	nav	nav	nav
Restricted licence banks					
Number of institutions	48	49	46	42	40
Number of branches or offices	71	83	62	56	48
Value of accounts	nav	nav	nav	nav	nav
Deposit-taking companies					
Number of institutions	61	54	45	39	35
Number of branches or offices	132	125	108	98	103
Value of accounts	nav	nav	nav	nav	nav
Branches of foreign banks					
Number of institutions	143	138	125	127	124
Number of branches or offices	590	334	324	315	251
Value of accounts	nav	nav	nav	nav	nav
Institutions offering payment services to non-banks (total)					
Number of institutions	407	389	350	343	333
Number of branches or offices	2,409	2,100	1,964	1,846	1,763
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks	nav	nav	nav	nav	nav

¹ The Hong Kong Monetary Authority has two overseas representative offices (London and New York); they do not offer payment services to non-banks.

Table 6
Payment card functions and accepting devices

Details are not available.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions

Details are not available.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions

Details are not available.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value and retail payment systems					
CHATS¹					
HKD	3.410	3.470	3.418	3.508	3.775
USD ²	0.185	0.691	0.814	0.999	1.273
EUR ³	nap	nap	nap	neg	neg
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
Cheques					
In HKD	138.571	133.518	129.641	124.606	125.389
In USD	neg	0.158	0.361	0.595	0.956
ECG⁴					
In HKD	57.134	58.564	59.621	60.167	63.503
In USD	neg	neg	neg	neg	neg
Concentration ratio in terms of volume	nav	nav	nav	nav	nav

¹ CHATS is the acronym for Clearing House Automated Transfer System. It is the RTGS system designed for HKD interbank payments. ² CHATS for USD was introduced on 21 August 2000; figures for 2000 represent the activities during the period from 21 August to 31 December 2000. ³ CHATS for EUR was introduced on 28 April 2003; figures for 2003 represent the activities during the period from 28 April to 31 December 2003. ⁴ ECG refers to various types of bulk electronic payments to be cleared and settled through the clearing house on a multilateral netting basis.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(HKD billions, total for the year)

	2000	2001	2002	2003	2004
Large-value and retail payment systems					
CHATS¹					
HKD	90,983	86,837	82,171	87,012	102,382
USD ²	1,888	7,258	9,937	9,593	10,559
EUR ³	nap	nap	nap	1,048	1,795
Concentration ratio in terms of value	nav	nav	nav	nav	nav
Cheques					
In HKD	6,092	4,823	4,526	5,222	6,429
In USD	neg	47	94	150	231
ECG⁴					
In HKD	8,608	6,689	5,602	8,788	14,683
In USD	26	4	3	4	4
Concentration ratio in terms of value (%)	48	48	48	48	49

¹ CHATS is the acronym for Clearing House Automated Transfer System. It is the RTGS system designed for HKD interbank payments. ² CHATS for USD was introduced on 21 August 2000; figures for 2000 represent the activities during the period from 21 August to 31 December 2000. ³ CHATS for EUR was introduced on 28 April 2003; figures for 2003 represent the activities during the period from 28 April to 31 December 2003. ⁴ ECG refers to various types of bulk electronic payments to be cleared and settled through the clearing house on a multilateral netting basis.

Table 11a**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions***(thousands, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Hong Kong Stock Exchange	nap	nap	nap	nap	nap
Securities settlement systems					
CCASS	45,170	29,361	24,550	33,772	43,267
CMU	51.694	43.349	37.512	34.424	30.915

Table 11b**Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions***(HKD billions, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Hong Kong Stock Exchange	nap	nap	nap	nap	nap
Securities settlement systems					
CCASS	10,866	7,716	6,304	8,842	13,466
CMU	5,930	5,327	5,652	5,221	4,269

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Hong Kong Stock Exchange	nap	nap	nap	nap	nap
Securities settlement systems					
CCASS	570	527	529	493	487
CMU					
Recognised dealer for EFBN ¹	179	166	157	157	152
Member for private sector debt ²	203	188	176	173	172

¹ EFBN stands for Exchange Fund Bills and Notes. These are debt instruments issued by the Hong Kong Monetary Authority for the account of the Exchange Fund. ² The two types of membership are not mutually exclusive.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Hong Kong Stock Exchange	nap	nap	nap	nap	nap
Securities settlement systems					
CCASS (HKD billions)	1,455.2	1,220.3	1,116.7	1,915.5	2,465.0
CMU					
Value of securities held (HKD billions)	328.3	337.3	342.3	342.9	361.3
Number of securities held	1,112	1,137	1,220	1,366	1,431

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	26	23	21	24	23
<i>of which: live</i>	25	23	21	24	23
Sub-members	158	154	156	152	154
<i>of which: live</i>	154	146	154	151	153
Participants	30	28	25	18	23
<i>of which: live</i>	29	27	22	17	20
Total users	214	205	202	194	200
<i>of which: live</i>	208	196	197	192	196
<i>Memo:</i>					
Total SWIFT users	7,125	7,457	7,465	7,654	7,667
<i>members</i>	2,288	2,265	2,203	2,327	2,280
<i>sub-members</i>	2,978	3,143	3,079	3,083	3,019
<i>participants</i>	1,859	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	34,338	34,342	37,545	39,140	44,558
<i>of which:</i>					
<i>category I</i>	6,457	6,757	8,201	7,790	8,679
<i>category II</i>	7,913	7,188	7,238	7,643	7,899
Total messages received	29,916	30,733	32,170	36,259	41,967
<i>of which:</i>					
<i>category I</i>	5,888	6,021	6,804	7,429	8,489
<i>category II</i>	2,333	2,328	2,597	2,866	3,209
Domestic traffic	4,577	4,463	4,336	4,446	5,250
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	57,762	57,927	58,028	58,132	58,254
GDP (EUR billions)	1,166.5	1,218.5	1,260.6	1,300.9	1,351.3
GDP per capita (EUR)	20,196	21,036	21,724	22,379	23,197
Consumer price inflation (%) ¹	2.59	2.33	2.60	2.82	2.27
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8049

¹ Yearly average.**Table 2**
Settlement media used by non-banks

(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	69.68	57.50	nap	nap	nap
Value of transferable deposits ²	440.13	480.14	522.54	541.93	573.76
Narrow money supply (M1) ¹	489.43	524.62	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	9.58	9.40	9.87	11.14	11.36
Outstanding value on e-money storages	nap	neg	0.01	0.04	0.09
<i>of which:</i>					
<i>on card-based products</i>	neg	neg	0.01	0.04	0.09
<i>on software or network-based products</i>	nap	neg	neg	neg	neg

¹ From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).² Current account deposits held at credit institutions and the Post Office. Transferable deposits held at branches of foreign banks are included.**Table 3**
Settlement media used by banks

(EUR billions, average of last reserve maintenance period)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	12.33	13.09	13.56	14.56	15.15
<i>of which:</i>					
<i>required reserves</i>	12.24	12.97	13.49	14.46	15.09
<i>free reserves</i>	0.06	0.12	0.07	0.10	0.06
Transferable balances held at other banks ¹	97.26	84.19	123.85	106.29	92.10
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	4.84	5.76	5.32	3.23	6.75
<i>overnight and longer</i> ²	20.65	9.74	7.41	7.92	18.15

¹ End of year figures. Data differ from last year due to a change in the methodology used; until 2004, including interbank deposits at a longer maturity. ² Marginal lending facility and other monetary policy operations vis-à-vis the Eurosystem.

Table 4
Banknotes and coin¹

¹ Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices	99	99	99	99	99
Number of accounts (thousands)	0.29	0.30	0.28	0.33	0.35
Value of accounts (EUR billions)	19.43	21.70	21.26	13.34	15.91
Banks					
Number of institutions ¹	841	830	814	788	778
Number of branches or offices	28,177	29,270	29,926	30,502	30,944
Number of accounts (thousands)	32,807	33,571	33,957	33,259	32,848
<i>of which: number of internet/PC-linked accounts (thousands)²</i>	898	2,220	3,722	4,361	5,288
Value of accounts (EUR billions)	411.20	458.06	500.47	527.82	557.75
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	783	770	754	727	718
Number of branches or offices	28,078	29,161	29,820	30,411	30,840
Value of accounts (EUR billions)	408.43	455.78	497.85	524.56	554.95
Branches of foreign banks					
Number of institutions	58	60	60	61	60
Number of branches or offices	99	109	106	91	104
Value of accounts (EUR billions)	2.77	2.28	2.62	3.26	2.80
Other institutions offering payment services to non-banks					
Number of institutions ³	10	13	13	13	12
Number of branches or offices	13,862	13,731	13,802	14,170	13,827
Number of accounts (thousands)	998	1,909	2,786	3,563	4,202
Value of accounts	nav	nav	nav	nav	nav
Institutions offering payment services to non-banks (total)					
Number of institutions	852	844	828	802	791
Number of branches or offices	42,138	43,100	43,827	44,771	44,870
Number of accounts held by non-banks (thousands)	33,805	35,480	36,743	36,822	37,050
<i>of which: number of internet/PC-linked accounts (thousands)</i>	898	2,220	3,722	4,361	5,288
Value of accounts held by non-banks ⁴	430.63	479.76	521.73	541.16	573.66

¹ Banks are included from the effective commencement of the business. ² Estimated. ³ Includes the Post Office and other financial institutions operating in the credit cards market. ⁴ Excluding other institutions offering payment services.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function ^{1,2}	21,217	24,893	28,039	30,606	32,736
Cards with a debit function ¹	21,172	24,863	27,655	29,260	30,515
Cards with a credit function ³	16,969	19,996	21,757	25,645	27,020
Cards with an e-money function ²	nav	nav	74	668	1,432
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card) ^{1,2}	38,186	44,889	49,796	56,251	59,756
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Memo:					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs (number) ⁴	31,720	36,621	39,648	39,059	39,704
<i>of which:</i> ⁵					
<i>ATMs with a cash withdrawal function</i>	<i>14,408</i>	<i>11,210</i>	<i>12,159</i>	<i>10,957</i>	<i>8,282</i>
<i>ATMs with a credit transfer function</i>	<i>17,312</i>	<i>23,139</i>	<i>25,196</i>	<i>25,778</i>	<i>28,485</i>
POS terminals	598,496	774,695	847,537	927,975	1,007,537
<i>of which: EFTPOS terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card terminals ⁶	nav	2,653	29,789	95,553	206,960
<i>of which:</i> ⁷					
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	<i>2,653</i>	<i>5,481</i>	<i>7,754</i>	<i>11,893</i>
<i>e-money card payment terminals</i>	<i>nav</i>	<i>nav</i>	<i>24,308</i>	<i>87,799</i>	<i>143,404</i>

¹ 2000 figures do not include cards issued by the Post Office. ² For 2004, includes cards with an e-money function issued by the Post Office. ³ Includes cards with a delayed debit function. ⁴ 2000 figures do not include ATMs owned by the Post Office.

⁵ ATMs owned by the Post Office are not included. ⁶ For 2004, includes e-money card terminals owned by the Post Office.

⁷ E-money card terminals owned by the Post Office are not included.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions¹
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ²	319.66	1,046.49	989.11	1,018.41	1,048.80
<i>of which:</i>					
<i>paper based²</i>	149.82	872.99	795.53	812.14	815.98
<i>non-paper based</i>	169.84	173.50	193.58	206.28	232.82
Direct debits	326.44	361.87	401.55	414.35	453.22
Card payments with cards issued in the country ²	590.24	747.84	910.39	984.74	1,105.59
<i>of which:</i>					
<i>payments by cards with a debit function²</i>	317.92	433.39	552.04	610.73	671.97
<i>payments by cards with a credit function³</i>	272.32	314.44	358.35	374.01	433.62
E-money payment transactions ⁴	nav	nav	1.03	2.73	14.77
<i>of which:</i>					
<i>by cards with an e-money function</i>	nav	nav	1.03	2.73	nav
<i>through other e-money storages</i>	nav	nav	neg	neg	nav
Cheques ²	565.10	583.92	538.15	505.76	487.19
Other payment instruments ²	262.11	277.49	289.21	306.75	319.24
Total number of transactions with payment instruments ^{2, 4}	2,063.55	3,017.61	3,129.44	3,232.75	3,428.80
<i>of which: cross-border transactions sent⁴</i>	19.38	21.36	18.30	18.84	20.18
<i>Memo:</i>					
Cross-border transactions received ⁵	12.28	13.36	13.23	12.51	12.91
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
<i>of which:</i>					
<i>ATM cash withdrawals⁵</i>	430.24	452.46	460.60	434.55	453.79
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used) ^{2, 6}	317.92	433.39	552.04	610.73	671.97
E-money card loading/unloading transactions ⁴	nav	nav	3.34	3.32	8.98
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ Book entry transactions are not included. ² 2000 figures do not include transactions with payment instruments issued by the Post Office. ³ Includes payments by cards with a delayed debit function. ⁴ For 2004, includes e-money purchase transactions with cards issued by the Post Office. ⁵ Data refer to a sample of more than 60 Italian banks, representing on average more than 80% of current account deposits, that participate in a half-yearly survey on the payment system. ⁶ Transactions with credit cards are not included.

Table 8
Indicators of the use of payment instruments and terminals: value of transactions¹
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ²	4,509.93	4,456.58	4,672.46	4,936.05	5,315.47
<i>of which:</i>					
<i>paper based²</i>	3,803.01	3,658.83	3,648.14	3,998.06	4,202.95
<i>non-paper based</i>	706.92	797.75	1,024.32	937.99	1,112.52
Direct debits	188.58	203.90	213.94	234.61	274.29
Card payments with cards issued in the country ²	48.49	61.96	78.57	85.94	100.06
<i>of which:</i>					
<i>payments by cards with a debit function²</i>	23.12	32.42	44.77	50.88	58.03
<i>payments by cards with a credit function³</i>	25.38	29.54	33.80	35.07	42.03
E-money payment transactions ⁴	nav	nav	0.06	0.18	0.95
<i>of which:</i>					
<i>by cards with an e-money function</i>	nav	nav	0.06	0.18	nav
<i>through other e-money storages</i>	nav	nav	neg	neg	nav
Cheques ²	1,147.03	1,200.63	1,195.78	1,180.09	1,186.82
Other payment instruments ²	508.88	563.28	588.86	616.42	658.88
Total value of transactions with payment instruments^{2,4}					
	6,402.91	6,486.35	6,749.67	7,053.29	7,536.47
<i>of which: cross-border transactions sent⁴</i>	876.85	834.69	767.23	722.52	722.52
Memo:					
Cross-border transactions received ⁵	1,104.69	986.49	871.39	875.60	1,014.53
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions ⁵	71.23	73.92	95.28	72.77	78.16
<i>of which:</i>					
<i>ATM cash withdrawals</i>	71.02	73.25	94.29	71.69	76.97
<i>ATM cash deposits</i>	0.21	0.67	0.99	1.08	1.18
POS payment transactions (irrespective of type of card used) ^{2,6}	23.12	32.42	44.77	50.88	58.03
E-money card loading/unloading transactions ⁴	nav	nav	0.42	1.24	2.07
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ Book entry transactions are not included. ² 2000 figures do not include transactions with payment instruments issued by the Post Office. ³ Includes payments by cards with a delayed debit function. ⁴ For 2004, includes e-money purchase transactions with cards issued by the Post Office. ⁵ Data refer to a sample of more than 60 Italian banks, representing on average more than 80% of current account deposits, that participate in a half-yearly survey on the payment system. ⁶ Transactions with credit cards are not included.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions¹
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
BI-REL					
Credit transfers sent	10.40	10.25	9.61	9.42	9.08
<i>of which:</i>					
<i>credit transfers sent within BI-REL</i>	9.23	8.89	8.04	7.70	7.20
<i>credit transfers sent to another TARGET component</i>	1.17	1.35	1.57	1.72	1.88
<i>Memo:</i>					
Credit transfers received from another TARGET component	1.27	1.54	1.91	2.02	2.20
Concentration ratio in terms of volume (%)	41.7	40.7	45.1	47.3	47.5
Retail payment systems					
BI-COMP					
Total number of transactions	1,113.94	1,375.19	1,733.23	1,808.69	1,867.56
<i>of which:</i>					
<i>credit transfers</i>	192.20	239.73	266.70	290.50	319.22
<i>direct debits</i>	285.22	318.70	400.48	440.17	449.64
<i>card payments²</i>	6.48	189.72	465.19	504.91	542.97
<i>ATM transactions</i>	143.42	155.03	163.03	161.35	156.05
<i>e-money transactions</i>	0.06	0.08	0.05	0.08	0.14
<i>cheques</i>	481.26	466.23	431.94	406.16	393.69
<i>other payment instruments³</i>	5.30	5.69	5.84	5.53	5.85
Concentration ratio in terms of volume (%)	26.2	26.2	34.0	35.5	41.6

¹ The table contains both customer and interbank transactions. ² From July 2001, includes payments in respect of POS transactions carried out with debit cards. ³ Payments between the banking system and the Ministry of Treasury, the Bank of Italy or the Post Office, and bills of exchange, interests and dividends paid on private securities deposited at Monte Titoli.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions¹
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
BI-REL					
Credit transfers sent	27,782.1	27,142.4	25,149.9	24,760.7	28,075.4
<i>of which:</i>					
<i>credit transfers sent within BI-REL</i>	18,474.5	17,179.3	16,355.6	16,303.1	19,733.1
<i>credit transfers sent to another TARGET component</i>	9,307.6	9,963.1	8,794.3	8,457.6	8,342.3
<i>Memo:</i>					
Credit transfers received from another TARGET component	9,305.1	9,991.5	8,778.5	8,457.5	8,351.6
Concentration ratio in terms of value (%)	34.3	38.7	37.7	38.8	44.7
Retail payment systems					
BI-COMP					
Total value of transactions	2,257.8	2,448.7	2,597.7	2,840.8	3,011.5
<i>of which:</i>					
<i>credit transfers</i>	707.6	832.6	920.4	1,092.5	1,288.9
<i>direct debits</i>	471.8	522.7	554.6	657.3	621.3
<i>card payments²</i>	1.3	14.3	32.5	35.1	37.7
<i>ATM transactions</i>	20.7	22.3	23.0	22.9	22.4
<i>e-money transactions</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>
<i>cheques</i>	990.0	988.7	974.2	951.4	956.3
<i>other payment instruments³</i>	66.5	68.1	93.0	81.5	85.0
Concentration ratio in terms of value (%)	24.8	22.5	31.5	33.3	36.6

¹ The table contains both customer and interbank transactions. ² From July 2001, includes payments in respect of POS transactions carried out with debit cards. ³ Payments between the banking system and the Ministry of Treasury, the Bank of Italy or the Post Office, and bills of exchange, interests and dividends paid on private securities deposited at Monte Titoli.

Table 11a

**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions**

(thousands, total for the year)

	2000	2001	2002	2003	2004
Trading platforms	72,555.7	56,732.7	51,440.0	48,100.0	43,180.0
Borsa Italiana¹					
Volume of transactions ²	71,890.4	56,023.7	50,700.0	47,300.0	42,380.0
<i>of which:</i>					
<i>government securities</i>	3,350.9	2,823.8	2,800.0	2,160.0	2,320.0
<i>bonds</i>	739.4	711.3	710.0	860.0	750.0
<i>shares</i>	58,559.8	44,225.2	40,360.0	38,580.0	34,220.0
<i>warrant and covered warrant</i>	8,771.6	7,051.4	6,320.0	4,640.0	4,020.0
<i>other items</i>	468.8	1,212.0	510.0	1,060.0	1,070.0
MTS³					
Volume of transactions ²	445.2	458.0	440.0	440.0	400.0
PCT⁴					
Volume of transactions ²	220.0	251.0	300.0	360.0	400.0
Clearing houses	13,344.7	17,080.0	17,250.0	41,440.0	52,900.0
CCG⁵					
Volume of transactions cleared ²	13,344.7	17,080.0	17,250.0	41,440.0	52,900.0
Securities settlement systems	46,082.9	44,281.0	42,790.0	36,028.7	26,846.0
LDT⁶					
Volume of settlement instructions ⁷	44,210.0	42,350.0	40,920.0	34,208.7	3,376.0
CAT					
Volume of settlement instructions ^{8,9}	466.0	nap	nap	nap	nap
Monte Titoli					
Volume of settlement instructions ⁸	1,400.0	1,834.0	1,770.0	1,630.0	1,600.0
EXPRESS II¹⁰					
Volume of settlement instructions	6.9	97.0	100.0	190.0	21,870.0

¹ Italian stock exchange. ² Number of contracts. ³ Wholesale market for government securities. ⁴ Electronic market for repurchase agreements. ⁵ Clearing and guarantee house. ⁶ Closed in January 2004. The transactions previously channelled through the LDT are now processed by EXPRESS II. ⁷ Bilateral debit balances. ⁸ Free-of-payment (FOP) transfers not including multilateral net balances from LDT and settlement instructions from Express II. ⁹ Since December 2000, the central depository system for government bonds has been managed by Monte Titoli. ¹⁰ On 8 December 2003, EXPRESS II, which offers gross and net functionalities, replaced RTGS EXPRESS.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms	8,714.81	10,244.35	14,026.21	15,489.86	17,333.59
Borsa Italiana¹					
Value of transactions	1,058.68	819.71	815.73	889.86	904.59
<i>of which:</i>					
<i>government securities</i>	141.89	126.02	150.88	183.33	139.34
<i>bonds</i>	13.45	12.60	11.78	14.09	11.80
<i>shares</i>	869.13	658.04	633.66	679.02	732.59
<i>warrant and covered warrant</i>	33.81	21.95	19.00	11.26	17.07
<i>other items</i>	0.40	1.09	0.41	2.16	3.79
MTS²					
Value of transactions	2,017.00	2,339.03	2,208.51	2,136.00	1,948.00
PCT³					
Value of transactions	5,639.13	7,085.61	11,001.97	12,464.00	14,481.00
Clearing houses	1,383.95	1,181.43	944.10	1,502.70	1,484.60
CCG⁴					
Value of transactions cleared	1,383.95	1,181.43	944.10	1,502.70	1,484.60
Securities settlement systems	nav	nav	nav	nav	nav
LDT⁵					
Value of settlement instructions ⁶	26,582.00	29,156.00	33,077.00	34,660.00	2,185.80
CAT					
Value of settlement instructions ^{7, 8, 9}	3,573.00	nav	nav	nav	nav
Monte Titoli					
Value of settlement instructions ⁸	nav	nav	nav	nav	nav
EXPRESS II¹⁰					
Value of settlement instructions	55.98	1,127.58	1,113.95	1,274.59	48,803.34
<i>of which:</i>					
<i>government securities</i>	49.68	1,005.50	977.66	1,080.71	47,064.99
<i>bonds</i>	1.26	18.00	34.85	60.35	195.09
<i>shares</i>	5.05	104.08	101.44	133.53	1,543.26

¹ Italian stock exchange. ² Wholesale market for government securities. ³ Electronic market for repurchase agreements.
⁴ Clearing and guarantee house. ⁵ Closed in January 2004. The transactions previously channelled through the LDT are now processed by EXPRESS II. ⁶ Bilateral debit balances. ⁷ Nominal value. ⁸ Free-of-payment (FOP) transfers not including multilateral net balances from LDT and settlement instructions from Express II. ⁹ Since December 2000, the central depository system for government bonds has been managed by Monte Titoli. ¹⁰ On 8 December 2003, EXPRESS II, which offers gross and net functionalities, replaced RTGS EXPRESS.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading systems					
Borsa Italiana¹					
Banks	87	88	65	65	66
<i>of which:</i>					
<i>domestic</i>	79	76	51	48	49
<i>foreign</i>	8	12	14	17	17
Brokers/dealers	95	87	75	63	62
<i>of which:</i>					
<i>domestic</i>	86	76	59	45	39
<i>foreign</i>	9	11	16	18	23
Total	182	175	140	128	128
MTS^{2, 3}					
Banks	150	149	132	118	111
<i>of which:</i>					
<i>domestic</i>	132	125	107	91	74
<i>foreign</i>	18	24	25	27	37
Brokers/dealers	61	39	21	23	19
<i>of which:</i>					
<i>domestic</i>	50	30	10	11	16
<i>foreign</i>	11	9	11	12	3
Total	211	188	153	141	130
PCT^{3, 4}					
Banks	150	149	134	116	165
<i>of which:</i>					
<i>domestic</i>	132	125	109	92	81
<i>foreign</i>	18	24	25	24	84
Brokers/dealers	61	39	29	30	17
<i>of which:</i>					
<i>domestic</i>	50	30	18	19	14
<i>foreign</i>	11	9	11	11	3
Total	211	188	163	146	182
Clearing houses					
CCG⁵					
Banks	75	66	62	75	72
<i>of which:</i>					
<i>domestic</i>	73	62	55	63	58
<i>foreign</i>	2	4	7	12	14
Brokers/dealers	60	54	58	65	57
<i>of which:</i>					
<i>domestic</i>	49	42	41	37	30
<i>foreign</i>	11	12	17	28	27
Total	135	120	120	140	129

Table 11c (cont)

	2000	2001	2002	2003	2004
Securities settlement systems					
LDT⁶					
Banks	193	188	192	168	nap
<i>of which:</i>					
<i>domestic</i>	170	165	165	148	nap
<i>foreign</i>	23	23	27	20	nap
Brokers/dealers	88	90	71	41	nap
<i>of which:</i>					
<i>domestic</i>	83	82	62	33	nap
<i>foreign</i>	5	8	9	8	nap
Others ⁷	3	3	3	3	nap
Total	284	281	266	212	nap
CAT⁸					
Banks	nap	nap	nap	nap	nap
Brokers/dealers	nap	nap	nap	nap	nap
Others	nap	nap	nap	nap	nap
Total	nap	nap	nap	nap	nap
Monte Titoli					
Banks	344	379	317	253	227
<i>of which:</i>					
<i>domestic</i>	315	349	276	206	202
<i>foreign</i>	29	30	41	47	25
Brokers/dealers	132	113	77	35	27
<i>of which:</i>					
<i>domestic</i>	119	95	70	28	24
<i>foreign</i>	13	18	7	7	3
Issuers	952	1,214	1,346	1,396	1,546
CSDs	10	10	10	10	10
Others	144	151	166	175	157
Total	1,582	1,867	1,916	1,869	1,967
EXPRESS II⁹					
Banks	65	91	104	132	116
<i>of which:</i>					
<i>domestic</i>	50	71	85	116	103
<i>foreign</i>	15	20	19	16	13
Brokers/dealers	5	15	20	18	10
<i>of which:</i>					
<i>domestic</i>	5	8	10	14	7
<i>foreign</i>	0	7	10	4	3
Others ¹⁰	1	1	1	3	5
Total	71	107	125	153	131

¹ Italian stock exchange. ² Wholesale market for government securities. ³ Until 2001, joint participation in MTS and PCT.

⁴ Electronic market for repurchase agreements. ⁵ Clearing and guarantee house. ⁶ Closed in January 2004. The transactions previously channelled through the LDT are now processed by EXPRESS II. ⁷ Bank of Italy, Monte Titoli and CCG. ⁸ Since December 2000, the central depository system for government bonds has been managed by Monte Titoli. ⁹ On 8 December 2003, EXPRESS II, which offers gross and net functionalities, replaced RTGS EXPRESS. ¹⁰ Bank of Italy, Ministry of Treasury, CCG and CSDs.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Borsa Italiana¹					
Number of listed securities	4,116	6,817	4,461	3,450	3,813
<i>of which:</i>					
<i>shares</i>	361	351	346	321	318
<i>warrant and covered warrant</i>	3,130	5,889	3,594	2,620	3,038
<i>bonds</i>	497	460	409	409	361
<i>government securities</i>	128	117	112	100	96
Value of securities listed (EUR billions) ²	1,146	1,187	1,230	1,624	1,677
<i>of which:</i>					
<i>shares</i>	79	80	85	86	88
<i>bonds</i>	91	109	97	475	489
<i>government securities</i>	976	999	1,048	1,063	1,100
MTS³					
Number of listed securities	207	206	126	120	116
Value of securities listed (EUR billions) ⁴	1,044	1,022	1,040	1,048	1,097
Securities settlement systems					
CAT⁵					
Value of securities issued	nap	nap	nap	nap	nap
Number of securities issued	nap	nap	nap	nap	nap
Value of securities registered	nap	nap	nap	nap	nap
Number of securities registered	nap	nap	nap	nap	nap
Monte Titoli					
Value of securities issued	nav	nav	nav	nav	nav
Volume of securities issued	nav	nav	nav	nav	nav
Value of securities registered (EUR billions) ²	1,448	1,542	1,575	1,643	1,740
<i>of which:</i>					
<i>shares</i>	94	98	100	105	108
<i>warrant</i>	42	56	31	27	36
<i>bonds</i>	264	315	373	419	475
<i>government securities</i>	1,044	1,069	1,071	1,092	1,121
<i>other items</i>	4	4	neg	neg	neg
Number of securities registered	22,331	34,729	49,643	40,176	38,401

¹ Italian stock exchange. ² Nominal value. ³ Wholesale market for government securities. ⁴ Nominal value. ⁵ Since December 2000, the central depository system for government bonds has been managed by Monte Titoli.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	150	142	134	131	125
<i>of which: live</i>	150	141	133	130	124
Sub-members	60	78	87	95	92
<i>of which: live</i>	58	73	86	94	91
Participants	42	35	37	36	42
<i>of which: live</i>	40	35	34	35	41
Total users	252	255	258	262	259
<i>of which: live</i>	248	249	253	259	256
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	42,901	50,345	55,017	69,275	94,631
<i>of which:</i>					
<i>category I</i>	11,318	13,418	14,440	17,448	23,663
<i>category II</i>	5,556	5,895	6,052	7,069	10,020
Total messages received	42,205	48,301	53,296	68,559	91,206
<i>of which:</i>					
<i>category I</i>	13,985	16,163	17,214	19,971	25,620
<i>category II</i>	4,010	4,331	4,614	5,638	8,462
Domestic traffic	3,800	5,169	6,161	10,550	19,718
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	126,926	127,291	127,435	127,619	127,687
GDP (JPY billions) ²	501,068.1	496,776.8	489,618.4	490,543.5	496,050.3
GDP per capita (JPY thousands) ²	3,947.7	3,902.7	3,842.1	3,843.8	3,884.9
Consumer price inflation (%) ³	-0.67	-0.73	-0.92	-0.25	-0.01
Exchange rate (JPY/USD):					
<i>end of year</i>	114.90	131.47	119.37	106.97	103.78
<i>average</i>	107.78	121.53	125.31	115.93	108.18

¹ As of 1 October. From 2001, estimated based on the results of the census in 2000. ² Provisional figure for 2004. ³ Yearly average.

Sources: Bank of Japan; Ministry of Internal Affairs and Communications.

Table 2
Settlement media used by non-banks

(JPY billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	61,947.7	66,676.3	71,328.0	72,455.6	73,308.8
Value of transferable deposits ²	185,911.6	215,109.9	276,648.7	291,037.3	304,666.0
Narrow money supply (M1)	247,859.3	281,786.2	347,976.7	363,492.9	377,974.8
<i>Memo:</i>					
Transferable deposits in foreign currencies ³	953.0	1,298.9	2,143.9	3,116.4	3,165.8
Outstanding value on e-money storages	nav	nav	nav	nav	nav

¹ Notes and coin held by private corporations, individuals and local governments ("non-banks"). Includes commemorative coins.

² Demand deposits held by non-banks at domestically licensed banks (city banks, regional banks, regional banks II, trust banks, long-term credit bank, etc), branches of foreign banks, shinkin banks, Shinkin Central Bank, Norinchukin Bank and Shoko Chukin Bank. ³ Settlement deposits in foreign currencies held at domestically licensed banks, branches of foreign banks and shinkin banks.

Source: Bank of Japan.

Table 3**Settlement media used by banks**

(JPY billions, average for December except as noted)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank ¹	4,236.0	10,853.9	18,091.9	24,770.9	27,102.2
<i>of which:</i>					
<i>required reserves</i>	3,931.3	4,160.2	4,283.8	4,356.5	4,515.2
<i>free reserves</i>	304.7	6,693.7	13,808.1	20,414.4	22,587.0
Transferable balances held at other banks ²	4,343.8	6,941.4	8,993.0	9,742.5	9,703.9
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i> ³	<i>nap</i>	13,904.3	11,180.9	14,952.7	20,377.2
<i>overnight and longer</i> ⁴	86,024.1	91,595.7	102,533.9	111,633.9	114,547.1

¹ Balances held by financial institutions subject to the reserve requirement system. ² Demand deposits held at domestically licensed banks and shinkin banks; as of end-September, except for 2000, which is at end-December. ³ Intraday credit facility was introduced in January 2001; monthly average of the daily peak outstanding amounts. ⁴ Includes the liquidity provided through the Bank's money market operations (funds supplying operations less funds absorbing operations) as well as loans and discounting of bills pursuant to Article 33 of the Bank of Japan Law; as of end-December.

Source: Bank of Japan.

Table 4**Banknotes and coin¹**

(JPY billions, end of year)

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	67,619.7	73,298.0	79,838.3	81,332.2	82,448.3
Total banknotes in circulation ²	63,397.2	69,004.2	75,471.8	76,909.6	77,956.4
<i>of which:</i>					
<i>JPY 10,000</i>	57,189.8	62,506.2	68,383.2	69,550.0	70,202.5
<i>JPY 5,000</i>	2,333.6	2,434.8	2,513.5	2,540.3	2,773.5
<i>JPY 2,000</i> ³	277.3	343.6	769.7	973.0	1,009.6
<i>JPY 1,000</i>	3,425.6	3,550.0	3,637.0	3,679.3	3,805.2
Total coin in circulation ⁴	4,222.5	4,293.7	4,366.4	4,422.5	4,491.9
<i>of which:</i>					
<i>JPY 500</i>	1,555.4	1,626.8	1,704.7	1,762.4	1,836.8
<i>JPY 100</i>	1,001.1	1,013.1	1,018.7	1,029.5	1,037.2
<i>JPY 50</i>	229.9	230.0	231.0	230.5	229.6
<i>JPY 10</i>	207.0	207.7	207.7	208.2	208.3
<i>JPY 5</i>	63.0	62.9	62.7	62.4	61.9
<i>JPY 1</i>	40.8	41.0	41.0	40.9	40.8
Banknotes and coin in circulation held by banks ⁵	5,672.0	6,621.7	8,510.3	8,876.6	9,139.5
Banknotes and coin in circulation outside banks ⁵	61,947.7	66,676.3	71,328.0	72,455.6	73,308.8

¹ Includes commemorative coins. ² Includes some types of banknotes, which are no longer printed but are still in circulation.

³ JPY 2,000 notes were introduced in July 2000. ⁴ Includes some types of coins, which are no longer minted but are still in circulation.

⁵ Banks include domestically licensed banks, branches of foreign banks, shinkin banks, Shinkin Central Bank, Norinchukin Bank, Shoko Chukin Bank, Shinkumi Federation Bank, National Federation of Labour Credit Associations, Credit Federations of Agricultural Cooperatives and other cooperatives and associations.

Source: Bank of Japan.

Table 5
Institutions offering payment services to non-banks

(end-March of the following year except as noted)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices	34	34	33	33	33
Number of accounts	neg	neg	neg	neg	neg
Value of accounts (JPY billions) ^{1, 2}	655.8	1,861.5	5,768.6	6,675.8	6,910.3
Banks					
Number of institutions	2,830	2,491	2,206	2,025	1,935
Number of branches or offices	40,028	38,740	36,871	35,531	34,436
Number of accounts (thousands)	417,287.0	418,785.0	418,500.0	417,082.0	413,287.4
<i>of which: number of internet/PC-linked accounts (thousands)³</i>	6,647.7	9,488.4	14,319.9	16,319.7	nav
Value of accounts (JPY billions) ²	185,278.7	236,068.2	274,584.5	286,690.6	301,172.9
<i>of which:</i>					
Domestically licensed banks					
Number of institutions	165	163	157	154	149
Number of branches or offices	13,980	13,592	12,849	12,539	12,290
Number of accounts (thousands)	336,672.0	338,906.0	338,339.0	337,650.0	334,357.2
Value of accounts (JPY billions) ²	162,730.5	208,877.5	242,377.5	252,507.4	265,133.6
Cooperative and rural banks⁴					
Number of institutions	2,586	2,255	1,976	1,799	1,716
Number of branches or offices	25,927	25,036	23,913	22,885	22,041
Number of accounts (thousands) ⁵	80,615.0	79,879.0	80,161.0	79,432.0	78,930.2
Value of accounts (JPY billions) ^{2, 5}	21,334.1	25,554.1	30,296.6	32,001.0	34,092.2
Branches of foreign banks					
Number of institutions	79	73	73	72	70
Number of branches or offices	121	112	109	107	105
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (JPY billions) ²	1,214.1	1,636.6	1,910.4	2,182.2	1,947.1
Post office					
Number of institutions	1	1	1	1	1
Number of branches or offices	24,168	24,176	24,154	24,122	24,149
Number of accounts (thousands) ⁶	115,411.0	117,216.0	118,560.0	119,321.0	119,371.0
Value of accounts (JPY billions) ⁶	42,066.0	49,890.0	55,560.0	58,039.0	60,839.9
Institutions offering payment services to non-banks (total)					
Number of institutions	2,832	2,493	2,208	2,027	1,937
Number of branches or offices	64,230	62,950	61,058	59,686	58,618
Number of accounts held by non-banks (thousands)	532,698.0	536,001.0	537,060.0	536,403.0	532,658.4
<i>of which: number of internet/PC-linked accounts (thousands)</i>	6,647.7	9,488.4	14,319.9	16,319.7	nav
Value of accounts held by non-banks (JPY billions)	228,000.5	287,819.7	335,913.1	351,405.4	368,923.1

¹ Current account deposits of financial institutions that are not subject to the reserve requirement system. ² Average for March.

³ Excludes accounts providing mobile banking services only; based on a survey by the Centre for Financial Industry Information Systems.

⁴ Includes shinkin banks, Shinkin Central Bank, Norinchukin Bank, Shoko Chukin Bank, Shinkumi Federation Bank, National Federation of Labour Credit Associations, credit cooperatives, labour credit associations, agricultural cooperatives and fishery cooperatives. ⁵ Figures for shinkin banks only. ⁶ Includes accounts held by banks.

Sources: Bank of Japan; Japan Post; Centre for Financial Industry Information Systems.

Table 6
Payment card functions and accepting devices

(end-March of the following year except as noted)

	2000	2001	2002	2003	2004
Cards issued in the country (millions)					
Cards with a cash function ¹	402.58	413.73	427.04	437.57	445.17
Cards with a debit function ²	320.00	340.00	360.00	390.00	390.00
Cards with a credit function ³	231.68	244.59	254.00	263.62	nav
Cards with an e-money function	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card)	954.26	998.32	1,041.04	1,091.19	nav
of which: cards with a combined debit and cash function ²	320.00	340.00	360.00	390.00	390.00
Terminals located in the country (thousands)					
ATMs ⁴	142.50	142.71	140.15	137.77	136.51
of which:					
ATMs with a cash withdrawal function	142.50	142.71	140.15	137.77	136.51
ATMs with a credit transfer function	nav	nav	nav	nav	nav
POS terminals ^{5,6}	920.30	987.36	1,063.07	1,148.09	1,242.67
of which:					
credit card terminals ⁷	770.30	817.36	883.07	948.09	1,032.67
debit card terminals ^{2,6}	150.00	170.00	180.00	200.00	210.00
E-money card terminals	nav	nav	nav	nav	nav

¹ Includes cards issued by Japan Post; excludes cards issued by fishery cooperatives. ² As of October, except for 2000, which is at end-December. Cash cards issued by banks participating in the J-Debit scheme function as debit cards. ³ Includes retailer cards. In Japan, the credit granted is usually settled in full at the end of the monthly period, and the use of revolving credit is very limited. ⁴ Includes ATMs of Japan Post. ⁵ Terminals with both credit and debit card functions are counted twice. ⁶ The number of terminals is at least that reported. ⁷ As of end-September of the current year.

Sources: Centre for Financial Industry Information Systems; Japan Debit Card Promotion Association; Japan Consumer Credit Industry Association.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
(millions, total for the year except as noted)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ^{1,2}	1,216.80	1,262.41	1,285.31	1,302.77	1,330.53
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Card payments with cards issued in the country	2,048.78	2,266.45	2,305.34	2,459.49	3,061.18
<i>of which:</i>					
<i>payments by cards with a debit function</i>	3.22	6.16	8.25	9.49	10.95
<i>payments by cards with a credit function</i> ³	2,045.56	2,260.29	2,297.09	2,450.00	3,050.23
E-money payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Bills and cheques cleared ⁴	225.87	208.90	187.09	171.99	159.18
Total number of transactions with payment instruments ⁵	3,491.45	3,737.76	3,777.74	3,934.24	4,550.89
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions ^{1,6}	434.49	438.88	414.58	406.46	411.78
<i>of which:</i>					
<i>ATM cash withdrawals</i>	434.49	438.88	414.58	406.46	411.78
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ Figures for the year ending March of the following year. ² Credit transfers handled by Zengin System and other retail payment networks, and customer credit transfers between financial institutions and Japan Post; excludes intrabank credit transfers.

³ Estimate by the Bank of Japan based on a survey by the Japan Consumer Credit Industry Association; includes retailer cards.

⁴ Transactions handled by bill and cheque clearing systems. ⁵ Sum of available data. ⁶ Interbank cash withdrawals, cash withdrawals at financial institutions' ATMs using cards issued by Japan Post, and cash withdrawals at Japan Post ATMs using cards issued by financial institutions. Cash withdrawals at Japan Post ATMs include transactions using cards issued outside the country.

Sources: Japanese Bankers Association; Japan Debit Card Promotion Association; Japan Consumer Credit Industry Association; Japan Post.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
(JPY trillions, total for the year except as noted)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ^{1,2}	2,381.19	2,417.20	2,241.26	2,266.56	2,311.58
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Card payments with cards issued in the country	21.94	23.58	25.11	27.11	29.87
<i>of which:</i>					
<i>payments by cards with a debit function</i>	<i>0.15</i>	<i>0.31</i>	<i>0.43</i>	<i>0.53</i>	<i>0.71</i>
<i>payments by cards with a credit function</i> ³	<i>21.79</i>	<i>23.27</i>	<i>24.68</i>	<i>26.58</i>	<i>29.16</i>
E-money payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Bills and cheques cleared ⁴	1,052.34	877.30	705.27	632.97	603.44
Total value of transactions with payment instruments ⁵	3,455.47	3,318.08	2,971.65	2,926.65	2,944.90
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions ^{1,6}	24.88	25.26	23.88	23.39	23.64
<i>of which:</i>					
<i>ATM cash withdrawals</i>	<i>24.88</i>	<i>25.26</i>	<i>23.88</i>	<i>23.39</i>	<i>23.64</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ Figures for the year ending March of the following year. ² Credit transfers handled by Zengin System and other retail payment networks, and customer credit transfers between financial institutions and Japan Post; excludes intrabank credit transfers.

³ Based on a survey by the Japan Consumer Credit Industry Association; includes retailer cards. ⁴ Transactions handled by bill and cheque clearing systems. ⁵ Sum of available data. ⁶ Interbank cash withdrawals, cash withdrawals at financial institutions' ATMs using cards issued by Japan Post, and cash withdrawals at Japan Post ATMs using cards issued by financial institutions. Cash withdrawals at Japan Post ATMs include transactions using cards issued outside the country.

Sources: Japanese Bankers Association; Japan Debit Card Promotion Association; Japan Consumer Credit Industry Association; Japan Post.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(thousands, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
BOJ-NET Funds Transfer System	4,715.3	5,045.9	4,788.2	4,924.9	5,178.5
<i>of which:</i>					
<i>interbank funds transfers</i>	3,479.0	3,915.9	3,734.6	3,933.3	4,203.6
<i>of which: third-party transfers¹</i>	60.3	72.1	48.1	41.9	44.8
<i>settlement of clearing systems²</i>	324.0	312.8	322.9	327.2	323.5
<i>others³</i>	912.3	817.2	730.8	664.4	651.3
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
Foreign Exchange Yen Clearing System	9,298.5	9,564.1	9,237.7	8,016.1	7,412.9
<i>of which:</i>					
<i>net settlement mode</i>	9,291.1	9,551.2	9,196.2	7,961.2	7,357.4
<i>gross settlement mode</i>	7.4	12.9	41.5	54.9	55.5
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
Retail payment systems					
Zengin System	1,167,596	1,220,032	1,244,520	1,260,780	1,286,854
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
Bill and check clearing systems ⁴	225,874	208,900	187,085	171,986	159,175
<i>of which: Tokyo Clearing House</i>	78,011	71,559	63,001	57,507	53,156
Concentration ratio in terms of volume	nav	nav	nav	nav	nav

¹ Payment orders sent with customer information. ² Settlement arising from Foreign Exchange Yen Clearing System, Zengin System, bill and check clearing systems and Tokyo International Financial Futures Exchange. ³ Includes money market operations and receipt and delivery of banknotes and coin. ⁴ Total for bill and check clearing houses designated by the Minister of Justice.

Sources: Bank of Japan; Japanese Bankers Association.

Table 10**Payments processed by selected interbank funds transfer systems: value of transactions***(JPY trillions, total for the year)*

	2000	2001	2002	2003	2004
Large-value payment systems					
BOJ-NET Funds Transfer System	35,398.2	19,036.5	18,043.2	18,770.7	20,424.3
<i>of which:</i>					
<i>interbank funds transfers</i>	31,750.4	15,569.5	14,889.5	15,505.9	16,804.1
<i>of which: third-party transfers</i> ¹	1,230.2	857.7	527.6	524.4	517.1
<i>settlement of clearing systems</i> ²	1,503.1	1,483.5	1,413.2	1,569.8	1,765.7
<i>others</i> ³	2,144.8	1,983.5	1,740.5	1,695.0	1,854.5
Concentration ratio in terms of value	nav	nav	nav	nav	nav
Foreign Exchange Yen Clearing System	6,247.0	6,877.0	6,126.0	4,818.9	4,302.8
<i>of which:</i>					
<i>net settlement mode</i>	6,222.1	6,793.1	5,933.4	4,382.4	3,670.8
<i>gross settlement mode</i>	24.8	83.9	192.6	436.5	631.9
Concentration ratio in terms of value	nav	nav	nav	nav	nav
Retail payment systems					
Zengin System	2,240.2	2,444.4	2,231.8	2,192.1	2,252.7
Concentration ratio in terms of value	nav	nav	nav	nav	nav
Bill and check clearing systems ⁴	1,052.3	877.3	705.3	633.0	603.4
<i>of which: Tokyo Clearing House</i>	781.8	637.6	500.2	444.3	427.1
Concentration ratio in terms of value	nav	nav	nav	nav	nav

¹ Payment orders sent with customer information. ² Settlement arising from Foreign Exchange Yen Clearing System, Zengin System, bill and check clearing systems and Tokyo International Financial Futures Exchange. ³ Includes money market operations and receipt and delivery of banknotes and coin. ⁴ Total for bill and check clearing houses designated by the Minister of Justice.

Sources: Bank of Japan; Japanese Bankers Association.

Table 11a**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions***(thousands, total for the year except as noted)*

	2000	2001	2002	2003	2004
Trading platforms					
Tokyo Stock Exchange	nav	nav	nav	nav	nav
Clearing houses					
Japan Securities Clearing Corporation ¹	nap	nap	nap	nav	nav
Japan Securities Depository Centre (JASDEC)					
DVP Clearing Corporation ²	nap	nap	nap	nap	nav
Securities settlement systems					
BOJ-NET JGB Services	2,216.8	2,861.5	2,861.4	2,940.3	3,125.3
<i>of which:</i>					
<i>book-entry JGBs</i>	2,073.5	2,838.4	2,850.5	2,938.7	3,125.0
<i>registered JGBs</i>	143.3	23.1	11.0	1.6	0.3
JASDEC ³	34,710.3	36,256.7	35,548.6	37,586.9	39,384.4
<i>of which:</i>					
<i>stocks</i> ⁴	34,710.3	36,256.7	35,215.8	37,370.0	39,214.9
<i>convertible bonds</i> ⁵	nap	nap	332.8	216.4	164.6
<i>commercial paper</i> ⁶	nap	nap	nap	0.5	4.9

¹ Japan Securities Clearing Corporation started operations in January 2003. ² JASDEC DVP Clearing Corporation started operations in May 2004. ³ Figures for the year ending March of the following year. ⁴ Including stocks, preferred equity securities, investment securities and beneficiary certificates of investment trusts. ⁵ JASDEC started to handle convertible bonds in November 2001. ⁶ JASDEC started to handle commercial paper in March 2003.

Sources: Bank of Japan; JASDEC.

Table 11b**Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions***(JPY trillions, total for the year except as noted)*

	2000	2001	2002	2003	2004
Trading platforms					
Tokyo Stock Exchange	248.7	202.3	193.4	242.4	343.1
Clearing houses					
Japan Securities Clearing Corporation	nap	nap	nap	23.2	31.0
JASDEC DVP Clearing Corporation ¹	nap	nap	nap	nap	25.1
Securities settlement systems					
BOJ-NET JGB Services	10,841.4	10,423.8	11,052.1	11,713.9	14,109.7
<i>of which:</i>					
<i>book-entry JGBs</i>	10,395.6	10,409.0	11,048.4	11,713.4	14,109.6
<i>registered JGBs</i>	445.8	14.8	3.6	0.5	0.1
JASDEC	nav	nav	nav	nav	nav
<i>of which:</i>					
<i>stocks</i>	nav	nav	nav	nav	nav
<i>convertible bonds</i>	nap	nap	nap	nav	nav
<i>commercial paper</i> ¹	nap	nap	nap	2.4	22.9

¹ Figures for the year ending March of the following year.

Sources: Bank of Japan; JASDEC; Japan Securities Clearing Corporation; JASDEC DVP Clearing Corporation; Tokyo Stock Exchange.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year except as noted)

	2000	2001	2002	2003	2004
Trading platforms					
Tokyo Stock Exchange					
Banks	0	0	0	0	0
Brokers/dealers	122	114	109	108	109
Others	0	0	0	0	0
Total	122	114	109	108	109
Clearing houses					
Japan Securities Clearing Corporation					
Banks	nap	nap	nap	0	0
Brokers/dealers	nap	nap	nap	122	118
Others	nap	nap	nap	3	3
Total	nap	nap	nap	125	121
JASDEC DVP Clearing Corporation					
Banks	nap	nap	nap	nap	17
Brokers/dealers	nap	nap	nap	nap	44
Others	nap	nap	nap	nap	1
Total	nap	nap	nap	nap	62
Securities settlement systems					
BOJ-NET JGB Services¹					
<i>Book-entry system</i>					
Banks	225	224	222	216	209
Brokers/dealers	92	86	81	81	78
Others	54	50	45	44	40
Total	371	360	348	341	327
<i>Registration system</i>					
Banks	262	252	250	243	236
Brokers/dealers	105	97	85	83	80
Others	54	49	44	44	41
Total	421	398	379	370	357
JASDEC²					
<i>System for stocks and convertible bonds</i>					
Banks	50	46	42	44	40
Brokers/dealers	223	221	207	208	207
Others	23	23	23	23	25
Total	296	290	272	275	272
<i>System for commercial paper</i>					
Banks	nap	nap	nap	23	29
Brokers/dealers	nap	nap	nap	21	24
Others	nap	nap	nap	3	4
Total	nap	nap	nap	47	57

¹ Number of online participants. ² As of end-March of the following year.

Sources: Bank of Japan; JASDEC; Japan Securities Clearing Corporation; JASDEC DVP Clearing Corporation; Tokyo Stock Exchange.

Table 11d
Outstanding securities
(JPY trillions, end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Tokyo Stock Exchange					
Value of listed stocks	360.6	296.8	247.9	316.5	364.6
Securities settlement systems					
BOJ-NET JGB Services					
Value of Japanese government bonds and bills	397.3	459.4	524.3	601.6	685.5
<i>of which:</i>					
<i>book-entry securities</i>	382.2	456.0	521.6	600.7	684.9
<i>registered securities</i>	15.1	3.4	2.7	1.0	0.5
JASDEC					
Value of stocks	nav	nav	nav	nav	nav
Value of commercial paper	nap	nap	neg	1.4	4.9
Registrar banks					
Value of debt securities ¹	144.6	147.6	146.5	149.4	154.8
<i>of which:</i>					
<i>municipal bonds</i> ²	16.1	17.8	19.5	22.3	26.0
<i>government guaranteed bonds</i>	25.2	28.2	30.8	34.7	38.6
<i>bank debentures</i>	49.7	44.6	37.2	31.0	27.6
<i>corporate straight bonds</i>	53.7	57.1	59.1	61.5	62.7

¹ Debt securities other than JGBs were usually registered at a number of registrar banks, but the values of debt securities also include those of physical certificates. Value of domestic flotation only. ² Public offering only.

Sources: Bank of Japan; Japan Securities Dealers Association.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	128	125	124	128	124
<i>of which: live</i>	128	125	124	128	124
Sub-members	104	101	100	99	99
<i>of which: live</i>	103	100	98	97	97
Participants	36	33	37	32	39
<i>of which: live</i>	35	33	36	31	37
Total users	268	259	261	259	262
<i>of which: live</i>	266	258	258	256	258
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	40,662	44,952	50,550	58,790	72,751
<i>of which:</i>					
<i>category I</i>	6,343	6,553	6,740	7,157	8,189
<i>category II</i>	6,311	6,369	6,164	6,545	6,971
Total messages received	41,482	44,740	46,912	51,817	57,930
<i>of which:</i>					
<i>category I</i>	4,483	4,696	4,957	5,407	6,355
<i>category II</i>	10,036	10,761	10,557	9,404	9,752
Domestic traffic	6,061	6,701	7,135	9,119	11,705
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	15,922	16,043	16,147	16,223	16,273
GDP (EUR billions)	402.3	447.7	465.2	476.3	488.6
GDP per capita (EUR)	25,266	27,908	28,811	29,363	30,028
Consumer price inflation (%) ¹	2.34	5.11	3.87	2.24	1.38
Exchange rate (EUR/USD):					
<i>end of year</i>	1.0747	1.1347	0.9536	0.7918	0.7342
<i>average</i>	1.0859	1.1175	1.0609	0.8858	0.8049

¹ Yearly average.**Table 2**
Settlement media used by non-banks
(EUR billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	16.93	9.14	nap	nap	nap
Value of transferable deposits	131.97	150.98	152.53	156.22	162.19
Narrow money supply (M1) ^{1, 2}	148.64	159.54	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	0.03	0.02	0.06	0.07	0.08
<i>of which:</i>					
<i>on card-based products</i>	0.03	0.02	0.06	0.07	0.08
<i>on software or network-based products</i>	nav	nav	nav	nav	nav

¹ From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).² Currency in circulation excluding government cash + transferable deposits in all currencies.**Table 3**
Settlement media used by banks
(EUR billions, average for December)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank ¹	12.21	nav	13.81	13.72	13.76
<i>of which:</i>					
<i>required reserves</i>	11.71	13.30	13.78	13.55	13.68
<i>free reserves</i>	0.50	nav	0.02	0.17	0.08
Transferable balances held at other banks ²	53.38	30.52	34.54	31.77	39.21
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	10.72	13.03	13.49	13.91	14.85
<i>overnight and longer</i> ³	7.99	4.13	10.29	14.41	15.10
<i>standard facility</i> ⁴	0.01	0.10	0.07	0.32	neg

¹ Average for the last required reserves period of the year. ² Prior to 2003, at end of year. Thereafter, average of last working day in November and December. ³ Other monetary policy operations vis-à-vis the Eurosystem. ⁴ Marginal lending facility.**Table 4**
Banknotes and coin¹¹ Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices	4	4	4	4	4
Number of accounts (thousands)	0.16	0.05	0.05	0.04	0.04
Value of accounts (EUR billions)	0.05	0.03	0.01	0.04	0.04
Banks					
Number of institutions	134	130	122	121	124
Number of branches or offices	6,090	5,476	4,801	4,445	4,034
Number of accounts (thousands)	22,100	22,600	20,800	22,800	22,900
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (EUR billions)	231.33	270.49	289.12	322.86	344.37
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	105	102	94	94	95
Number of branches or offices	6,061	5,448	4,773	4,418	4,005
Value of accounts (EUR billions)	229.22	267.78	286.42	320.33	341.64
Branches of foreign banks					
Number of institutions	29	28	28	27	29
Number of branches or offices	29	28	28	27	29
Value of accounts (EUR billions)	2.11	2.71	2.70	2.53	2.74
Other institutions offering payment services to non-banks¹					
Number of institutions	44	37	26	32	30
Number of branches or offices	172	112	113	80	80
Number of accounts	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Institutions offering payment services to non-banks (total)					
Number of institutions	179	168	149	154	155
Number of branches or offices	6,266	5,592	4,918	4,529	4,118
Number of accounts held by non-banks (thousands)	22,100	22,600	20,800	22,800	22,900
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts held by non-banks (EUR billions)	231.38	270.52	289.13	322.90	344.41
<i>Memo:</i>					
Electronic money institutions					
Number of institutions	<i>nap</i>	<i>nap</i>	<i>nap</i>	1	2
Outstanding value on e-money storages issued by e-money institutions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nav</i>	<i>nav</i>

¹ Money transfer institutions.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function	26,000	27,500	28,000	28,200	28,300
Cards with a debit function	21,000	22,500	22,900	22,500	22,500
Cards with a credit and delayed debit function	5,000	5,000	5,100	5,700	5,800
Cards with an e-money function ¹	20,900	21,000	17,300	17,600	18,000
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card) ¹	26,000	27,500	28,000	28,200	28,300
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>20,900</i>	<i>21,000</i>	<i>17,300</i>	<i>17,600</i>	<i>18,000</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	6,921	7,142	7,530	7,556	7,889
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>6,921</i>	<i>7,142</i>	<i>7,530</i>	<i>7,556</i>	<i>7,889</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	155,620	165,773	177,168	186,272	194,966
<i>of which: EFTPOS terminals</i>	<i>155,620</i>	<i>165,773</i>	<i>177,168</i>	<i>186,272</i>	<i>194,966</i>
E-money card terminals	140,796	152,465	169,686	185,170	197,656
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	<i>7,248</i>	<i>4,258</i>	<i>4,823</i>	<i>5,062</i>	<i>5,401</i>
<i>e-money card payment terminals</i>	<i>133,548</i>	<i>148,207</i>	<i>164,863</i>	<i>180,108</i>	<i>192,255</i>
¹ Excluding e-purse-only cards.					

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	1,170.36	1,226.64	1,260.54	1,271.37	1,264.20
<i>of which:</i>					
<i>paper based</i>	393.90	373.35	339.27	315.77	291.58
<i>non-paper based</i>	776.46	853.29	921.27	955.61	972.63
Direct debits	836.22	876.08	947.04	1,000.75	1,051.31
Card payments with cards issued in the country	848.29	1,001.92	1,114.14	1,201.17	1,295.60
<i>of which:</i>					
<i>payments by cards with a debit function</i>	801.49	954.40	1,068.57	1,157.07	1,247.09
<i>payments by cards with a credit and delayed debit function</i>	46.81	47.51	45.56	44.10	48.51
E-money payment transactions	25.33	30.90	87.02	109.16	127.27
<i>of which:</i>					
<i>by cards with an e-money function</i>	25.33	30.90	87.02	109.16	127.27
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	14.15	5.34	0.07	0	0
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of transactions with payment instruments	2,894.36	3,140.89	3,408.80	3,582.46	3,738.39
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	0.59	0.71	0.82	0.75	0.58
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	470.00	490.00	493.00	494.00	484.00
<i>of which:</i>					
<i>ATM cash withdrawals</i>	470.00	490.00	493.00	494.00	484.00
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	826.82	985.30	1,155.59	1,266.24	1,374.36
E-money card loading/unloading transactions	2.40	2.93	11.93	15.02	17.98
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	12.70	14.30	14.10	15.20	16.30
<i>of which:</i>					
<i>ATM cash withdrawals</i>	12.70	14.30	14.10	15.20	16.30
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

Table 8
Indicators of the use of payment instruments and terminals: value of transactions
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	2,863.64	3,280.11	3,363.68	3,715.90	4,340.04
<i>of which:</i>					
<i>paper based</i>	1,269.46	1,044.78	641.01	497.14	380.07
<i>non-paper based</i>	1,594.18	2,235.34	2,722.68	3,218.76	3,959.96
Direct debits	162.00	175.31	187.58	211.46	219.22
Card payments with cards issued in the country	42.42	49.48	55.85	58.81	61.98
<i>of which:</i>					
<i>payments by cards with a debit function</i>	37.27	44.20	50.58	53.87	56.73
<i>payments by cards with a credit and delayed debit function</i>	5.16	5.28	5.27	4.94	5.26
E-money payment transactions	0.07	0.08	0.24	0.30	0.35
<i>of which:</i>					
<i>by cards with an e-money function</i>	0.07	0.08	0.24	0.30	0.35
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	1.78	0.45	neg	0	0
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total value of transactions with payment instruments	3,069.92	3,505.44	3,607.35	3,986.48	4,621.59
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	0.95	1.59	1.96	2.10	1.86
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	40.72	44.59	52.96	50.91	51.01
<i>of which:</i>					
<i>ATM cash withdrawals</i>	40.72	44.59	52.96	50.91	51.01
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	37.34	44.28	50.81	54.17	57.08
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
TOP (TARGET component)					
Credit transfers sent	3.80	4.12	4.76	4.92	4.98
<i>of which:</i>					
<i>credit transfers sent within TOP</i>	3.31	3.62	4.20	4.30	4.20
<i>credit transfers sent to another TARGET component</i>	0.49	0.51	0.56	0.63	0.79
<i>Memo:</i>					
Credit transfers received from another TARGET component	0.73	0.79	0.94	1.03	1.12
Concentration ratio in terms of volume (%)	74.7	70.4	64.2	62.7	62.0
Retail payment systems					
Interpay					
Total national transactions sent	2,327.86	2,557.57	2,811.53	2,964.19	3,122.91
<i>of which:</i>					
Credit transfers	776.65	803.96	821.18	819.07	833.14
<i>of which:</i>					
<i>paper-based credit transfers</i>	197.84	191.47	182.10	176.70	166.98
<i>non-paper based credit transfers</i>	578.81	612.49	639.09	642.38	666.16
Direct debits	626.61	681.30	771.57	845.42	895.02
Card payments	755.38	894.22	1,038.88	1,121.14	1,212.63
ATM transactions	160.37	174.70	179.82	178.56	182.12
E-money transactions	nav	nav	nav	nav	nav
Cheques	8.84	3.40	0.08	nap	nap
Other payment instruments	nav	nav	nav	nav	nav
Concentration ratio in terms of volume (%)	93.2	93.3	93.4	93.5	93.5

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(EUR billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
TOP (TARGET component)					
Credit transfers sent	21,196.16	24,211.09	24,952.48	26,272.55	29,681.37
<i>of which:</i>					
<i>credit transfers sent within TOP</i>	11,051.14	12,342.89	13,472.57	14,408.40	16,802.53
<i>credit transfers sent to another TARGET component</i>	10,145.02	11,868.20	11,479.91	11,864.14	12,878.85
<i>Memo:</i>					
Credit transfers received from another TARGET component	10,148.17	11,866.36	11,477.84	11,873.87	12,876.23
Concentration ratio in terms of value (%)	70.4	70.8	70.7	69.4	69.1
Retail payment systems					
Interpay					
Total national transactions sent	1,456.89	1,572.50	1,671.35	1,776.35	1,833.64
<i>of which:</i>					
Credit transfers	1,263.74	1,357.39	1,437.15	1,515.49	1,561.84
<i>of which:</i>					
<i>paper-based credit transfers</i>	38.15	37.08	38.99	40.34	39.76
<i>non-paper based credit transfers</i>	1,225.60	1,320.32	1,398.16	1,475.15	1,522.07
Direct debits	143.89	157.85	167.90	191.28	198.90
Card payments	35.43	42.19	49.65	52.79	55.85
ATM transactions	13.07	14.76	16.65	16.79	17.05
E-money transactions	nav	nav	nav	nav	nav
Cheques	0.75	0.31	0.01	nap	nap
Other payment instruments	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	91.8	92.3	92.0	92.2	93.0

Table 11a**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions***(thousands, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Amsterdam Stock Market ¹	12,279	12,257	16,873	19,561	17,994
Euronext Liffe Derivatives Market Amsterdam ²	58,249	66,428	77,664	79,483	83,242
Clearing houses					
LCH.Clearnet (Amsterdam Cash)	12,279	12,257	16,873	19,561	17,994
LCH.Clearnet (Amsterdam Derivatives) ³	55,544	63,084	73,379	74,226	77,567
Securities settlement systems					
Euroclear Netherlands	3,168	3,073	2,995	3,073	2,915
<i>of which:</i>					
<i>stock exchange settlement</i> ⁴	590	499	473	958	940
<i>deliveries against payment</i>	1,432	1,532	1,516	1,558	1,360
<i>free transfers</i>	1,146	1,043	1,006	557	615

¹ Total cash market. ² Number of options and futures contracts. ³ Excludes futures. ⁴ Prior to 2004, clearing.

Table 11b**Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions***(EUR billions, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Amsterdam Stock Market ¹	560.08	526.59	522.40	446.47	480.13
Euronext Liffe Derivatives Market Amsterdam ²	33.00	27.00	31.00	27.37	24.74
Clearing houses					
LCH.Clearnet (Amsterdam Cash)	560.08	526.59	522.40	446.47	480.13
LCH.Clearnet (Amsterdam Derivatives)	33.00	27.00	31.00	27.37	24.74
Securities settlement systems ³					
Euroclear Netherlands	986.16	964.32	732.58	689.86	771.50
<i>of which:</i>					
<i>stock exchange settlement</i> ⁴	61.36	55.40	50.58	41.22	54.43
<i>deliveries against payment</i>	924.80	908.92	682.00	648.64	717.06
<i>free transfers</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ Total cash market. ² Premium turnover options only. ³ Value of the cash leg of the clearing. ⁴ Prior to 2004, clearing.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Amsterdam Stock Market					
Banks	80	45	47	72	62
<i>of which:</i>					
<i>domestic</i>	33	24	24	27	34
<i>foreign</i>	47	21	23	45	28
Brokers/dealers	198	92	101	95	101
<i>of which:</i>					
<i>domestic</i>	172	49	49	45	40
<i>foreign</i>	26	43	52	50	61
Others	12	0	0	0	0
Total	290	137	148	167	163
Euronext Liffe Derivatives Markets Amsterdam					
Banks	52	35	36	47	50
<i>of which:</i>					
<i>domestic</i>	28	24	25	29	34
<i>foreign</i>	24	11	11	18	16
Brokers/dealers	192	190	195	161	188
<i>of which:</i>					
<i>domestic</i>	164	171	171	133	128
<i>foreign</i>	28	19	24	28	60
Others	0	0	0	0	0
Total	244	225	231	208	238
Clearing houses					
LCH.Clearnet (Amsterdam Cash)					
Banks	24	18	17	20	31
<i>of which:</i>					
<i>domestic</i>	19	16	15	14	13
<i>foreign</i>	5	2	2	6	18
Brokers/dealers	1	4	5	11	17
<i>of which:</i>					
<i>domestic</i>	1	3	3	2	3
<i>foreign</i>	0	1	2	9	14
Others	0	0	0	0	0
Total	25	22	22	31	48
LCH.Clearnet (Amsterdam Derivatives)					
Banks	11	9	9	13	19
<i>of which:</i>					
<i>domestic</i>	8	7	7	7	8
<i>foreign</i>	3	2	2	6	11
Brokers/dealers	1	5	5	15	21
<i>of which:</i>					
<i>domestic</i>	1	4	3	1	3
<i>foreign</i>	0	1	2	14	18
Others	0	0	0	1	0
Total	12	14	14	29	40

Table 11c (cont)

	2000	2001	2002	2003	2004
Securities settlement systems					
Euroclear Netherlands					
Banks	45	40	64	61	64
<i>of which:</i>					
<i>domestic</i>	31	24	46	43	44
<i>foreign</i>	14	16	18	18	20
Brokers/dealers	nap	nap	nap	nap	nap
Others	16	16	18	19	15
Total	61	56	82	80	79

Table 11d

Outstanding securities*(end of year)*

	2000	2001	2002	2003	2004
Trading platforms					
Euronext Amsterdam Stock Market					
Value of stocks listed (EUR billions)	782	655	445	452	459
Value of bonds listed (EUR billions)	265	nav	nav	nav	nav
Number of stocks listed ¹	754	766	1,067	779	695
Number of bonds listed	1,080	1,125	1,058	1,026	1,292
Euronext Liffe Derivatives Market Amsterdam					
Value of outstanding contracts (EUR billions)	nav	85	58	71	nav
Number of options listed	56	55	56	75	nav
Securities settlement systems					
Euroclear Netherlands					
Nominal values registered (EUR billions) ²	932	863	665	705	750
Number of securities registered	3,498	3,980	2,826	2,306	2,323

¹ As from 2002, includes warrants and NextTrack. ² Securities valued at market prices and bonds at nominal values.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	25	25	25	25	25
<i>of which: live</i>	25	24	25	25	25
Sub-members	40	47	49	46	46
<i>of which: live</i>	39	45	48	45	45
Participants	25	32	33	29	31
<i>of which: live</i>	24	26	31	28	26
Total users	90	104	107	100	102
<i>of which: live</i>	88	95	104	98	96
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	56,487	71,058	80,970	86,686	87,583
<i>of which:</i>					
<i>category I</i>	11,498	14,065	16,093	16,904	17,956
<i>category II</i>	5,199	9,268	11,208	11,301	11,051
Total messages received	46,795	62,860	75,572	86,026	89,768
<i>of which:</i>					
<i>category I</i>	9,187	11,523	13,146	13,721	13,966
<i>category II</i>	3,469	7,082	9,059	9,031	8,716
Domestic traffic	12,774	23,007	30,314	36,929	34,312
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	4,018	4,131	4,171	4,185	4,240
GDP (SGD millions)	159,596	153,771	158,388	160,924	180,554
GDP per capita (SGD)	39,723	37,222	37,971	38,451	42,581
Consumer price inflation (%) ²	1.35	1.02	-0.39	0.49	1.67
Exchange rate (SGD/USD):					
<i>end of year</i>	1.7315	1.8510	1.7365	1.7008	1.6338
<i>average</i>	1.7239	1.7917	1.7906	1.7422	1.6903

¹ Mid-year estimates. ² Yearly average.

Table 2
Settlement media used by non-banks
(SGD millions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	11,289	11,868	12,360	12,838	13,694
Value of transferable deposits ²	21,973	24,215	23,468	25,884	30,468
Narrow money supply (M1) ³	33,262	36,083	35,828	38,723	44,162
<i>Memo:</i>					
Transferable deposits in foreign currencies ⁴	563	571	744	722	nav
Outstanding value on e-money storages	38	42	98	114	121
<i>of which:</i>					
<i>on card-based products</i>	38	42	98	114	121
<i>on software-based products</i>	nap	nap	nap	nap	nap

¹ Currency in active circulation. ² Demand deposits of private non-bank customers resident in Singapore. ³ Currency in active circulation and demand deposits. ⁴ From March 2004, data are no longer collected.

Table 3
Settlement media used by banks
(SGD millions, average for December)¹

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	5,691	6,971	6,463	6,592	6,775
<i>of which:</i>					
<i>required reserves</i>	5,376	5,974	6,078	6,321	6,271
<i>free reserves</i>	315	997	385	271	504
Transferable balances held at other banks	nav	nav	nav	nav	nav
<i>Memo:</i>					
Institutions' borrowing from the central bank:					
<i>intraday</i>	0	0	0	0	0
<i>overnight and longer</i>	761	3,028	1,057	0	0

¹ For institutions' borrowing from the central bank, Sundays and public holidays are excluded.

Table 4**Banknotes and coin**

(SGD millions, end of year)

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation ¹	12,772	13,096	13,531	14,044	15,093
Total banknotes in circulation ¹	12,078	12,381	12,798	13,293	14,322
of which:					
SGD 10,000	1,140	1,177	1,196	1,174	1,226
SGD 1,000	3,339	3,621	3,940	4,307	4,750
SGD 500	415	371	342	322	307
SGD 100	807	819	823	842	876
SGD 50	4,565	4,572	4,648	4,749	5,119
SGD 25	10	10	10	10	10
SGD 20	127	125	124	122	121
SGD 10	949	945	957	992	1,121
SGD 5	180	184	186	190	197
SGD 2	392	405	421	435	447
SGD 1	154	152	151	150	148
Total coin in circulation ¹	694	715	733	751	771
of which:					
SGD 5	7	6	6	6	6
SGD 1	316	331	344	356	368
SGD 0.50	138	141	143	145	149
SGD 0.20	108	109	111	112	114
SGD 0.10	92	94	95	96	97
SGD 0.05	26	26	27	29	30
SGD 0.01	7	7	7	7	7
Banknotes and coin in circulation held by banks ^{1,2}	1,489	1,234	1,176	1,210	1,401
Banknotes and coin in circulation outside banks ^{1,3}	11,289	11,868	12,360	12,838	13,694
<i>Memo:</i>					
Commemorative and numismatic notes and coin in circulation	201	205	208	213	214

¹ Excludes commemorative and numismatic notes and coin. ² Cash at banks (includes Brunei notes and coin). ³ Currency in active circulation.

Table 5
Institutions offering payment services to non-banks
 (end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices ¹	1	1	1	1	1
Number of accounts ^{2,3}	140	133	120	117	115
Value of accounts (SGD billions)	5.69	6.97	6.46	6.60	6.78
Banks²					
Number of institutions ³	203	191	175	170	166
Number of branches or offices ³	601	543	499	457	449
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (SGD billions)	171.32	182.55	180.14	194.23	206.18
<i>of which:</i>					
Commercial banks²					
Number of institutions ³	140	133	120	117	115
Number of branches or offices ³	538	485	444	404	398
Value of accounts (SGD billions)	171.32	182.6	180.14	194.23	206.18
Merchant banks					
Number of institutions ³	63	58	55	53	51
Number of branches or offices ³	63	58	55	53	51
Value of accounts	nav	nav	nav	nav	nav
Other institutions offering payment services to non-banks					
Finance companies					
Number of institutions ³	14	11	7	5	3
Number of branches or offices ³	101	79	65	59	39
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (SGD billions) ⁴	13.65	10.6	9.86	5.53	5.67
Institutions offering payment services to non-banks (total)					
Number of institutions ³	218	203	183	176	170
Number of branches or offices ³	703	623	565	517	489
Number of accounts held by non-banks ⁵	140	133	120	117	115
Value of accounts held by non-banks (SGD billions)	190.66	200.16	196.46	206.36	218.63
<i>Memo:</i>					
Electronic money institutions					
Number of institutions ³	1	1	2	2	4
Outstanding value on e-money storages issued by e-money institutions (SGD millions)	37.87	41.80	97.89	113.99	121.03

¹ Singapore (main office). The representative offices in New York and London do not offer cashless payment services. ² Includes local and foreign banks. ³ As at end-March of the years shown. ⁴ Non-bank customer deposits. ⁵ Central bank accounts only.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function ¹	2,982	3,078	5,913	5,801	6,200
Cards with a debit function ¹	2,982	3,078	5,913	5,801	6,200
Cards with a delayed debit function	nav	nav	nav	nav	nav
Cards with a credit function ²	2,461	2,816	3,225	3,495	3,933
Cards with an e-money function	4,697	5,639	9,776	11,513	10,673
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card) ³	10,140	11,533	18,914	20,809	20,806
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	1,794	1,797	1,547	1,553	1,609
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>1,794</i>	<i>1,797</i>	<i>1,547</i>	<i>1,553</i>	<i>1,609</i>
<i>ATMs with a credit transfer function</i>	<i>1,794</i>	<i>1,797</i>	<i>1,547</i>	<i>1,553</i>	<i>1,609</i>
POS terminals	19,490	20,932	23,460	27,950	26,802
<i>of which: EFTPOS terminals</i>	<i>19,490</i>	<i>20,932</i>	<i>23,460</i>	<i>27,950</i>	<i>26,802</i>
E-money card terminals	16,270	17,944	42,486	45,870	42,238
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money card payment terminals</i>	<i>16,270</i>	<i>17,944</i>	<i>42,486</i>	<i>45,870</i>	<i>42,238</i>

¹ Based on survey data from selected local and foreign banks. ² Includes main and supplementary cards for credit and charge cards. ³ All cards with a cash function also have a debit function; they are therefore only counted once here.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
 (millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ^{1,2}	14.60	16.76	17.71	19.85	21.84
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits ^{1,3}	17.29	18.95	30.31	44.69	47.54
Card payments with cards issued in the country	85.47	96.50	106.33	112.71	121.48
<i>of which:</i>					
<i>payments by cards with a debit function</i> ⁴	<i>85.47</i>	<i>96.50</i>	<i>106.33</i>	<i>112.71</i>	<i>121.48</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	100.10	102.20	702.11	1,535.90	1,598.15
<i>of which:</i>					
<i>by cards with an e-money function</i>	<i>100.10</i>	<i>102.20</i>	<i>702.11</i>	<i>1,535.90</i>	<i>1,598.15</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ^{1,5}	91.65	92.00	90.73	87.57	86.75
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of transactions with payment instruments	309.11	326.41	947.19	1,800.72	1,875.76
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country					
Cash transactions ⁶	8.54	8.77	9.13	6.86	6.53
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ Interbank transactions only. ² Sum of IBG and MEPS transactions. ³ IBG transactions. ⁴ Sum of shared ATM and EFTPOS transactions. ⁵ Includes both SGD and USD cheques. ⁶ Cash withdrawals only; the figures are provided by the ATM interchange operators.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
(SGD billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ^{1,2}	9,633.94	11,610.92	10,098.92	9,933.29	9,941.13
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits ^{1,3}	18.69	20.91	27.55	32.38	36.56
Card payments with cards issued in the country	17.33	18.48	19.69	20.62	23.28
<i>of which:</i>					
<i>payments by cards with a debit function</i> ⁴	<i>6.79</i>	<i>7.44</i>	<i>7.79</i>	<i>8.20</i>	<i>9.23</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i> ⁵	<i>10.54</i>	<i>11.04</i>	<i>11.90</i>	<i>12.42</i>	<i>14.05</i>
E-money payment transactions	0.17	0.21	0.66	1.24	1.33
<i>of which:</i>					
<i>by cards with an e-money function</i>	<i>0.17</i>	<i>0.21</i>	<i>0.66</i>	<i>1.24</i>	<i>1.33</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques ^{1,6}	474.34	437.41	399.96	392.19	419.74
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total value of transactions with payment instruments	10,144.47	12,087.93	10,546.78	10,379.72	10,422.04
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country					
Cash transactions ⁷	2.04	1.96	1.62	1.16	1.08
POS payment transactions (irrespective of type)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions (irrespective of type of card used)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

¹ Interbank transactions only. ² Sum of IBG and MEPS transactions. ³ IBG transactions. ⁴ Sum of shared ATM and EFTPOS transactions. ⁵ Includes charge cards. ⁶ Includes both SGD and USD cheques; USD cheques converted at end-of-year exchange rates. ⁷ Cash withdrawals only; the figures are provided by the ATM interchange operators.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
MEPS	1.91	2.07	2.04	2.13	2.24
Concentration ratio in terms of volume (%)	52.0	53.0	56.0	61.0	56.0
Retail payment systems					
Singapore dollar cheque clearing system	91.26	91.6	90.28	87.01	86.05
<i>of which:</i>					
<i>credit transfers</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>direct debits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>card payments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>cheques</i>	91.26	91.6	90.28	87.01	86.05
<i>other payment instruments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Concentration ratio in terms of volume (%)	76.1	76.5	85.6	77.6	87.9
US dollar cheque clearing system¹	0.39	0.40	0.44	0.55	0.70
<i>of which:</i>					
<i>credit transfers</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>direct debits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>card payments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>cheques</i>	0.39	0.40	0.44	0.55	0.70
<i>other payment instruments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Concentration ratio in terms of volume (%)	60.3	57.8	63.3	65.2	70.6
IBG clearing system	29.98	33.64	45.98	62.40	67.14
<i>of which:</i>					
<i>credit transfers</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>direct debits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>card payments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>cheques</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other payment instruments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Concentration ratio in terms of volume (%)	74.5	73.1	83.8	88.6	88.7
EFTPOS	76.93	87.73	97.2	105.84	114.81
<i>of which:</i>					
<i>credit transfers</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>direct debits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>card payments</i>	76.93	87.73	97.2	105.84	114.81
<i>ATM transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money transactions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>cheques</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other payment instruments</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Concentration ratio in terms of volume (%)	100.0	100.0	100.0	100.0	100.0

¹ Aggregate figures converted at end-of-year exchange rates.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(SGD billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
MEPS	9,580.50	11,551.10	10,034.70	9,857.90	9,856.10
Concentration ratio in terms of value (%)	nav	nav	nav	nav	52.0
Retail payment systems					
Singapore dollar cheque clearing system	453.20	417.80	380.30	368.50	386.60
<i>of which:</i>					
<i>credit transfers</i>	nav	nav	nav	nav	nav
<i>direct debits</i>	nav	nav	nav	nav	nav
<i>card payments</i>	nav	nav	nav	nav	nav
<i>ATM transactions</i>	nav	nav	nav	nav	nav
<i>e-money transactions</i>	nav	nav	nav	nav	nav
<i>cheques</i>	453.20	417.80	380.30	368.50	386.60
<i>other payment instruments</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	64.3	69.2	81.1	71.7	82.5
US dollar cheque clearing system¹	21.10	19.60	19.70	23.70	33.20
<i>of which:</i>					
<i>credit transfers</i>	nav	nav	nav	nav	nav
<i>direct debits</i>	nav	nav	nav	nav	nav
<i>card payments</i>	nav	nav	nav	nav	nav
<i>ATM transactions</i>	nav	nav	nav	nav	nav
<i>e-money transactions</i>	nav	nav	nav	nav	nav
<i>cheques</i>	21.10	19.60	19.70	23.70	33.20
<i>other payment instruments</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	34.5	59.4	61.0	62.5	64.5
IBG clearing system	72.10	80.70	91.80	107.80	121.60
<i>of which:</i>					
<i>credit transfers</i>	nav	nav	nav	nav	nav
<i>direct debits</i>	nav	nav	nav	nav	nav
<i>card payments</i>	nav	nav	nav	nav	nav
<i>ATM transactions</i>	nav	nav	nav	nav	nav
<i>e-money transactions</i>	nav	nav	nav	nav	nav
<i>cheques</i>	nav	nav	nav	nav	nav
<i>other payment instruments</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	69.2	69.2	74.1	80.3	80.0
EFTPOS	4.70	5.50	6.20	7.00	8.10
<i>of which:</i>					
<i>credit transfers</i>	nav	nav	nav	nav	nav
<i>direct debits</i>	nav	nav	nav	nav	nav
<i>card payments</i>	4.70	5.50	6.20	7.00	8.10
<i>ATM transactions</i>	nav	nav	nav	nav	nav
<i>e-money transactions</i>	nav	nav	nav	nav	nav
<i>cheques</i>	nav	nav	nav	nav	nav
<i>other payment instruments</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	100.0	100.0	100.0	100.0	100.0

¹ Aggregated figures converted at end-of-year exchange rates.

Table 11a

**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions**
(total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
SGX (millions of securities traded)	99,301	93,066	111,837	217,657	178,603
Clearing houses and securities settlement systems					
DCSS	1,666	4,499	5,313	5,083	4,780
CDP (millions of securities)	99,301	93,066	111,837	217,657	178,603
MEPS (millions of government securities)	0.02	0.05	0.05	0.07	0.04

Table 11b

**Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions**
(SGD billions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
SGX	172.03	131.74	118.70	161.95	183.42
Clearing houses and securities settlement systems					
DCSS	4.76	10.46	9.73	8.23	8.07
CDP	172.03	131.74	118.70	161.95	183.42
MEPS	173.49	469.78	742.20	784.20	526.60

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
SGX					
Member companies	32	31	25	23	23
Stockbroking members (Approved Executive Directors)	126	109	105	100	97
Dealers	1,118	960	903	827	884
Remisers	2,530	2,431	2,377	2,321	2,329
Clearing houses and securities settlement systems					
DCSS					
	63	50	52	51	44
CDP¹					
Depositors (in thousands)	1,080	1,111	1,132	1,151	1,262
Depository agents	87	85	76	69	62
MEPS²					
	140	133	120	117	115

¹ As at end-June of the years shown. ² As at end-March of the years shown.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
SGX					
Value of equities issued (SGD billions)	538.33	488.75	435.08	531.95	465.76
Volume of equities issued (billions)	260.07	313.45	293.5	326.99	329.38
Value of equities registered	nav	nav	nav	nav	nav
Volume of equities registered	nav	nav	nav	nav	nav
Value of debt instruments issued (SGD billions)	379.38	465.59	451.79	469.06	458.71
Volume of debt instruments issued	nap	nap	nap	nap	nap
Value of debt instruments registered	nav	nav	nav	nav	nav
Volume of debt instruments registered	nap	nap	nap	nap	nav
Securities settlement systems					
MEPS (Singapore Government Securities – SGS)					
Value of bills issued (SGD billions)	13.38	14.65	16.75	17.20	20.20
Value of bonds issued (SGD billions)	29.86	38.98	41.30	45.85	52.00

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	9	9	6	8	8
<i>of which: live</i>	9	9	6	8	8
Sub-members	155	155	141	135	135
<i>of which: live</i>	153	151	140	135	135
Participants	17	17	16	12	15
<i>of which: live</i>	17	17	16	12	15
Total users	181	181	163	155	158
<i>of which: live</i>	179	177	162	155	158
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	19,960	20,147	20,705	21,894	23,265
<i>of which:</i>					
<i>category I</i>	3,081	3,223	3,394	3,518	3,824
<i>category II</i>	5,057	4,621	4,506	4,611	4,887
Total messages received	17,535	17,735	19,096	20,545	22,602
<i>of which:</i>					
<i>category I</i>	3,022	3,222	3,415	3,696	4,142
<i>category II</i>	1,359	1,457	1,402	1,430	1,593
Domestic traffic	2,774	2,791	2,764	2,840	3,133
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	8,872	8,896	8,925	8,958	8,994
GDP (SEK billions)	2,195.0	2,269.1	2,352.9	2,438.4	2,542.9
GDP per capita (SEK)	247,404	255,070	263,630	272,192	282,733
Consumer price inflation (%) ¹	1.31	2.69	1.96	2.31	1.04
Exchange rate (SEK/USD):					
<i>end of year</i>	9.4909	10.5540	8.7278	7.1892	6.6226
<i>average</i>	9.1713	10.3432	9.7194	8.0838	7.3453

¹ Yearly average.**Table 2**
Settlement media used by non-banks
(SEK billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks	89.30	96.74	95.87	98.48	98.24
Value of transferable deposits	867.92	926.50	965.86	1,001.80	1,051.52
Other ¹	17.29	15.73	24.33	19.01	21.36
Narrow money supply (M1)	745.33	796.40	820.68	864.77	937.54
<i>Memo:</i>					
Transferable deposits in foreign currencies	54.21	57.03	59.35	56.55	59.96
Outstanding value on e-money storages ²	0.49	0.38	0.32	0.30	nap
<i>of which:</i>					
<i>on card-based products</i>	0.49	0.38	0.32	0.30	nap
<i>on software or network-based products</i>	nav	nav	nav	nav	nap

¹ Postal giro accounts and certificates of deposit. ² Terminated in September 2004.

Table 3
Settlement media used by banks
 (SEK billions, end of year)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	0.11	0.05	0.09	0.54	0.61
<i>of which:</i>					
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	0.11	0.05	0.09	0.54	0.61
Transferable balances held at other banks	74.68	120.91	88.21	61.47	79.51
<i>Memo:</i>					
Institutions' borrowing from the central bank	45.78	60.26	23.43	21.42	14.06

Table 4
Banknotes and coin
 (SEK billions, end of year)

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	97.66	107.11	106.98	108.94	108.89
Total banknotes in circulation	93.23	102.37	101.98	103.68	103.45
<i>of which:</i>					
SEK 1,000	46.22	48.36	46.92	45.65	45.56
SEK 500	35.94	40.73	42.05	44.79	45.12
SEK 100	8.22	10.37	10.03	10.09	9.62
SEK 50	1.07	1.10	1.12	1.19	1.21
SEK 20	1.47	1.50	1.56	1.64	1.64
SEK 10	0.23	0.23	0.23	0.23	0.23
SEK 5	0.08	0.08	0.08	0.08	0.08
Total coin in circulation	4.43	4.74	5.01	5.27	5.44
<i>of which:</i>					
SEK 10	1.65	1.81	1.92	2.05	2.15
SEK 5	1.00	1.06	1.11	1.16	1.17
SEK 2	0.01	0.01	0.01	0.01	0.01
SEK 1	0.99	1.05	1.11	1.16	1.20
SEK 0.50	0.23	0.25	0.26	0.28	0.29
Commemorative coin	0.56	0.56	0.59	0.62	0.63
Banknotes and coin in circulation held by banks	8.36	10.37	11.12	10.46	10.65
Banknotes and coin in circulation outside banks	89.30	96.74	95.87	98.48	98.24

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank¹					
Number of branches or offices	1	1	1	1	1
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
Banks					
Number of institutions	122	128	126	124	126
Number of branches or offices	1,934	1,921	1,837	1,841	1,812
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (SEK billions)	1,116.9	1,187.3	1,245.2	1,295.4	1,382.9
<i>of which:</i>					
Commercial banks					
Number of institutions	26	30	30	30	31
Number of branches or offices	1,613	1,617	1,519	1,545	1,525
Value of accounts (SEK billions)	1,011.9	1,062.7	1,118.1	1,156.1	1,235.8
Savings banks					
Number of institutions	77	77	77	76	76
Number of branches or offices	269	239	251	231	225
Value of accounts (SEK billions)	61.0	65.4	71.6	74.4	78.1
Branches of foreign banks					
Number of institutions	19	21	19	18	19
Number of branches or offices	52	65	67	65	62
Value of accounts (SEK billions)	44.0	59.2	55.5	64.8	68.9
Other institutions offering payment services to non-banks (postal institution)					
Number of institutions	1	1	1	1	1
Number of branches or offices	1,372	1,350	1,200	1,020	800
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
Institutions offering payment services to non-banks (total)					
Number of institutions	124	130	128	126	128
Number of branches or offices	3,307	3,272	3,038	2,862	2,613
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (SEK billions)	1,116.9	1,187.3	1,245.2	1,295.4	1,382.9

¹ The central bank does not offer payment services to non-banks.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function	4,892	4,769	4,780	5,181	5,262
Cards with a debit function	4,570	4,818	4,894	5,574	7,469
Cards with a delayed debit function	1,009	1,025	772	839	774
Cards with a credit function	2,802	2,319	2,584	2,827	2,754
Cards with an e-money function ¹	593	557	490	293	nav
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	13,866	13,488	13,520	14,714	16,259
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>4,569</i>	<i>4,818</i>	<i>4,894</i>	<i>5,181</i>	<i>5396</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	2,617	2,567	2,647	2,676	2,829
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>2,617</i>	<i>2,567</i>	<i>2,647</i>	<i>2,676</i>	<i>2,829</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	87,133	88,223	102,021	108,055	123,655
<i>of which: EFTPOS terminals</i>	<i>87,133</i>	<i>88,223</i>	<i>102,021</i>	<i>108,055</i>	<i>123,655</i>
E-money card terminals ²	43,000	47,000	37,909	38,107	nav
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	<i>6,918</i>	<i>7,001</i>	<i>6,564</i>	<i>5,859</i>	<i>nav</i>
<i>e-money card payment terminals</i>	<i>36,082</i>	<i>39,999</i>	<i>31,345</i>	<i>32,248</i>	<i>nav</i>

¹ From September 2004, no longer issued by the three largest banks offering this product. ² From September 2004, no longer available.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	792.9	764.3	435.5	417.6	462.0
<i>of which:</i>					
<i>paper based</i>	153.9	128.4	131.9	82.8	88.0
<i>non-paper based</i>	639.0	635.9	303.7	334.8	374.0
Direct debits	91.0	98.2	119.4	130.1	143.0
Card payments with cards issued in the country	323.2	402.8	589.3	759.3	880.3
<i>of which:</i>					
<i>payments by cards with a debit function</i>	255.9	326.5	509.1	670.3	778.2
<i>payments by cards with a delayed debit function</i>	46.7	49.9	50.7	64.3	71.7
<i>payments by cards with a credit function</i>	20.7	26.4	29.5	24.7	30.4
E-money payment transactions ¹	2.9	1.5	0.7	0.2	nav
<i>of which:</i>					
<i>by cards with an e-money function</i>	2.9	1.5	0.7	0.2	nav
<i>through other e-money storages</i>	nav	nav	nav	nav	nav
Cheques	2.0	1.7	1.5	nav	nav
Other payment instruments	nav	nav	nav	nav	nav
Total number of transactions with payment instruments	1,212.0	1,268.5	1,146.4	1,307.2	1,485.3
<i>of which: cross-border transactions sent</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	321.0	335.0	321.0	328.4	336.9
<i>of which:</i>					
<i>ATM cash withdrawals</i>	321.0	335.0	321.0	328.4	336.9
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	256.0	326.0	454.1	541.8	616.1
E-money card loading/unloading transactions ¹	0.60	0.27	0.13	0.04	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions ¹	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions ¹	nav	nav	nav	nav	nav

¹ From September 2004, no longer issued by the three largest banks offering this product.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
 (SEK billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers	8,910.1	8,530.6	6,201.3	6,354.8	6,903.0
<i>of which:</i>					
<i>paper based</i>	1,330.1	1,189.9	853.7	552.1	472.2
<i>non-paper based</i>	7,580.0	7,340.7	5,347.6	5,802.7	6,430.8
Direct debits	257.4	261.4	249.6	268.2	301.7
Card payments with cards issued in the country	210.7	260.8	365.9	363.9	404.9
<i>of which:</i>					
<i>payments by cards with a debit function</i>	143.0	185.8	297.4	286.9	321.2
<i>payments by cards with a delayed debit function</i>	51.2	52.1	49.7	54.0	58.0
<i>payments by cards with a credit function</i>	16.6	22.9	18.7	23.1	25.6
E-money payment transactions ¹	0.16	0.08	0.04	0.01	nav
<i>of which:</i>					
<i>by cards with an e-money function</i>	0.16	0.08	0.04	0.01	nav
<i>through other e-money storages</i>	nav	nav	nav	nav	nav
Cheques	22.0	15.8	14.0	16.0	nav
Other payment instruments	nav	nav	nav	nav	nav
Total value of transactions with payment instruments	9,400.3	9,068.7	6,830.8	7,002.9	7,609.6
<i>of which: cross-border transactions sent</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	271.0	282.0	268.9	280.2	283.5
<i>of which:</i>					
<i>ATM cash withdrawals</i>	271.0	282.0	268.9	280.2	283.5
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	143.0	185.0	210.9	240.9	268.7
E-money card loading/unloading transactions ¹	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions ¹	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions (irrespective of type of card used)	nav	nav	nav	nav	nav
E-money card loading/unloading transactions ¹	nav	nav	nav	nav	nav

¹ From September 2004, no longer issued by the three largest banks offering this product.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
E-RIX (TARGET component) ¹	0.06	0.07	0.10	0.09	0.11
K-RIX	0.51	0.66	1.10	1.30	1.29
Concentration ratio in terms of volume (%)	66.9	nav	84.5	86.4	86.6
Retail payment systems					
Bankgirot, BGC	351.00	345.20	363.00	382.00	430.00
Dataclearing	78.22	66.91	73.00	109.00	84.00
Concentration ratio in terms of volume	nav	nav	nav	nav	nav

¹Total volume of domestic and cross-border payments sent via TARGET.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(SEK billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
E-RIX (TARGET component) ¹	16,470	14,244	13,442	17,305	17,666
K-RIX	107,210	113,381	114,017	112,358	108,998
Concentration ratio in terms of value (%)	83.3	nav	77.7	78.4	82.2
Retail payment systems					
Bankgirot, BGC	3,733	3,885	4,043	4,229	4,587
Dataclearing	1,348	1,108	1,208	1,852	1,548
Concentration ratio in terms of value	nav	nav	nav	nav	nav

¹Total value of domestic and cross-border payments sent via TARGET.

Table 11a**Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions***(thousands, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Stockholmsbörsen – CLICK and SAXESS	78,666	96,506	98,646	102,937	131,104
Volume of trades – derivatives	64,866	85,906	88,746	93,572	120,627
Volume of trades – Avista	13,800	10,600	9,900	9,365	10,477
Clearing houses					
Stockholmsbörsen Clearing	64,866	85,906	88,746	93,572	120,627
Securities settlement systems					
VPC AB					
Volume of settlement instructions	7,700	6,074	10,858	10,277	11,575
<i>of which:</i>					
<i>government securities</i>	400	425	369	377	375
<i>equities</i>	7,300	5,649	10,489	9,900	11,200

Table 11b**Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions***(SEK billions, total for the year)*

	2000	2001	2002	2003	2004
Trading platforms					
Stockholmsbörsen – CLICK and SAXESS					
Value of trades	4,456	3,994	2,702	2,453	3,391
Clearing houses					
Stockholmsbörsen Clearing					
	nav	nav	nav	nav	nav
Securities settlement systems					
VPC AB					
Value of settlement instructions	75,783	87,833	88,984	87,324	92,474
<i>of which:</i>					
<i>government securities</i>	68,743	81,826	84,631	83,528	87,294
<i>equities</i>	7,040	6,007	4,353	3,796	5,180

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms¹					
Stockholmsbörsen – CLICK and SAXESS					
Banks	8	32	34	33	33
of which:					
domestic	8	nap	nap	nap	nap
foreign	nap	nap	nap	nap	nap
Brokers/dealers	16	nap	nap	nap	nap
of which:					
domestic	16	nap	nap	nap	nap
foreign	nap	nap	nap	nap	nap
Others ²	39	52	49	46	46
Total	63	84	83	79	79
Securities settlement systems					
VPC AB					
Banks	21	18	16	19	nav
of which:					
domestic	11	13	10	17	nav
foreign	10	5	6	2	nav
Brokers/dealers	25	19	16	16	nav
of which:					
domestic	23	18	15	15	nav
foreign	2	1	1	1	nav
Others	9	10	13	9	nav
Total	55	47	45	44	44

¹ From 2001, "banks" includes "brokers/dealers"; a distinction is no longer made between the two categories. ² Including members, banks and brokers, foreign-owned and remote.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms¹					
Stockholmsbörsen – SAXESS					
Value of stocks listed (SEK billions)	3,583	2,856	1,780	2,314	2,699
Value of securities listed	nav	nav	nav	nav	nav
Number of stocks listed	311	305	297	282	277
Number of securities listed	nav	nav	nav	nav	nav

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	7	8	8	7	7
<i>of which: live</i>	7	8	8	7	7
Sub-members	11	10	10	11	12
<i>of which: live</i>	11	10	10	10	11
Participants	13	12	13	12	14
<i>of which: live</i>	12	11	13	12	14
Total users	31	30	31	30	33
<i>of which: live</i>	30	29	31	29	32
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	24,856	27,497	29,402	32,954	36,477
<i>of which:</i>					
<i>category I</i>	6,496	6,927	7,104	7,686	8,369
<i>category II</i>	3,433	3,501	3,562	3,648	3,737
Total messages received	19,007	20,836	23,057	25,062	26,982
<i>of which:</i>					
<i>category I</i>	5,209	5,781	6,164	6,500	6,927
<i>category II</i>	4,076	4,120	4,029	4,114	4,176
Domestic traffic	3,519	3,969	4,098	4,550	4,701
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	7,209	7,285	7,343	7,405	7,454
GDP (CHF billions) ^{2,3}	415.53	422.49	430.53	434.56	445.93
GDP per capita (CHF) ^{2,3}	57,640	57,995	58,631	58,685	59,824
Consumer price inflation (%) ¹	1.54	0.99	0.63	0.64	0.81
Exchange rate (CHF/USD):					
<i>end of year</i>	1.6353	1.6782	1.4410	1.2664	1.1453
<i>average</i>	1.6886	1.6866	1.5556	1.3453	1.2419

¹ Yearly average. ² For 2004, provisional. ³ In 2004, the methodology for the calculation of GDP was revised.

Table 2
Settlement media used by non-banks
(CHF billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks	32.0	36.0	35.4	35.7	36.2
Transferable deposits ¹	97.0	104.7	121.3	162.3	147.6
Other ²	73.7	79.5	83.7	92.5	91.5
Narrow money supply (M1) ³	202.7	220.2	240.4	290.5	275.3
<i>Memo:</i>					
Transferable deposits in foreign currencies	23.9	26.6	25.1	29.5	31.4
Outstanding value on e-money storages	nav	nav	nav	nav	nav
<i>of which:</i>					
<i>on card-based products</i>	nav	nav	nav	nav	nav
<i>on software or network-based products</i>	nap	nap	nap	nap	nap

¹ Sight deposits. ² Transaction accounts also used for payment purposes. ³ Notes and coin in circulation plus sight and other transaction deposits.

Table 3
Settlement media used by banks
 (CHF billions, average for December)¹

	2000	2001	2002	2003	2004
Transferable balances held at the central bank ²	3.4	3.4	3.0	5.5	5.4
of which:					
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Transferable balances held at other banks	50.3	46.0	40.0	66.3	72.1
Memo:					
Institutions' borrowing from the central bank:					
<i>intraday</i>	2.8	2.5	7.5	6.4	6.2
<i>overnight and longer</i>	3.7	4.1	3.7	4.5	4.1
<i>lombard credits</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>

¹ Except for transferable balances held at other banks, which are at end of year. ² Banks have to meet certain liquidity requirements, but the amount concerned has to be held in the form of vault cash, balances at PostFinance or balances at the central bank. Therefore the distinction between required reserves and free reserves is not meaningful.

Table 4
Banknotes and coin
 (CHF millions, end of year)

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	37,780.9	42,169.5	41,939.9	42,927.1	42,139.2
Total banknotes in circulation	35,485.7	39,844.9	39,600.2	40,544.0	39,719.3
of which:					
<i>CHF 1,000</i>	18,942.1	21,471.1	21,547.5	22,337.3	22,217.2
<i>CHF 500</i> ¹	404.8	306.5	236.4	206.2	184.9
<i>CHF 200</i>	5,120.0	6,105.6	6,167.8	6,250.1	5,867.4
<i>CHF 100</i>	7,558.7	8,280.9	8,063.9	8,107.4	7,842.5
<i>CHF 50</i>	1,738.3	1,874.7	1,770.3	1,787.7	1,760.4
<i>CHF 20</i>	1,142.4	1,211.7	1,221.9	1,254.5	1,244.7
<i>CHF 10</i>	579.4	594.4	592.4	600.8	602.2
Total coin in circulation	2,295.2	2,324.6	2,339.7	2,383.1	2,419.9
Banknotes and coin in circulation held by banks and PostFinance	5,791.0	6,226.0	6,505.0	7,230.0	5,992.0
Banknotes and coin in circulation outside banks and PostFinance	31,989.9	35,943.5	35,434.9	35,697.1	36,147.2

¹ The CHF 500 banknotes were recalled as of 1 May 2000 and are thus no longer legal tender. However, they can be exchanged at the Swiss National Bank at full nominal value for 20 years from this recall date, ie until 30 April 2020.

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank¹					
Number of branches or offices ²	8	8	8	8	8
Number of accounts (thousands)	0.5	0.5	0.5	0.5	0.5
Value of accounts (CHF billions) ³	6.4	6.9	5.1	7.7	6.9
Banks					
Number of institutions	335	327	316	301	299
Number of branches or offices	2,849	2,813	2,724	2,676	2,630
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CHF billions) ⁴	71.8	78.7	88.9	127.1	114.6
<i>of which:</i>					
Private banks					
Number of institutions	17	17	15	15	14
Number of branches or offices	27	27	23	23	24
Value of accounts (CHF billions)	4.1	3.7	4.9	5.6	4.1
Branches of foreign banks					
Number of institutions	23	25	25	26	25
Number of branches or offices	27	37	43	45	45
Value of accounts (CHF billions)	0.6	0.4	0.6	0.4	0.4
Other institutions offering payment services to non-banks⁵					
Number of institutions	1	1	1	1	1
Number of branches or offices	3,385	3,177	2,921	2,722	2,585
Number of accounts (thousands)	2,174	2,372	2,577	2,746	2,879
Value of accounts (CHF billions)	19.9	22.2	26.7	32.2	35.7
Institutions offering payment services to non-banks (total)					
Number of institutions	337	329	318	303	301
Number of branches or offices	6,242	5,998	5,653	5,406	5,223
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (CHF billions)	98.1	107.8	120.7	167.0	157.2
<i>Memo:</i>					
Electronic money institutions					
Number of institutions	1	1	1	1	1
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

¹ The Swiss National Bank has two head offices (Berne and Zurich) and six branches (Geneva, Lugano, Basle, Lucerne, Sankt Gallen and Lausanne). Only two of the six branches provide cashier services. ² Offering cashless payment services. ³ Not included in the figure for M1 in Table 2. ⁴ This value is less than that included in the figure for transferable deposits in Table 2 due to differences in the way the figures are compiled. ⁵ PostFinance.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (thousands)					
Cards with a cash function	8,279	8,644	9,056	9,295	9,410
Cards with a debit function ¹	5,227	5,410	5,798	5,940	6,021
Cards with a credit function ^{2, 3}	3,131	3,281	3,333	3,359	3,391
Cards with an e-money function	3,355	3,524	3,692	3,889	3,983
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	8,442	8,814	9,131	9,299	9,412
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>3,355</i>	<i>3,524</i>	<i>3,692</i>	<i>3,889</i>	<i>3,983</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	4,866	5,042	5,187	5,350	5,382
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>4,866</i>	<i>5,042</i>	<i>5,187</i>	<i>5,350</i>	<i>5,382</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	67,541	73,866	80,655	79,997	88,055
<i>of which: EFTPOS terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card terminals	27,215	31,290	33,508	34,467	35,209
<i>of which:</i>					
<i>e-money card loading/unloading terminals</i>	<i>27,215</i>	<i>31,290</i>	<i>33,508</i>	<i>34,467</i>	<i>35,209</i>
<i>e-money card payment terminals</i>	<i>27,215</i>	<i>31,290</i>	<i>33,508</i>	<i>34,467</i>	<i>35,209</i>

¹ EC-Direct/Maestro and Postcard. ² American Express, Diners Club, Eurocard/Mastercard and Visa. ³ Includes delayed debit cards.

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
 (millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ¹	545.2	503.2	537.7	564.2	585.9
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits ²	46.1	47.6	50.0	51.2	51.5
Card payments with cards issued in the country	262.2	299.4	326.3	345.0	362.1
<i>of which:</i>					
<i>payments by cards with a debit function</i>	171.3	201.1	225.6	244.6	259.5
<i>payments by cards with a credit function</i> ³	90.9	98.3	100.7	100.4	102.6
E-money payment transactions	18.0	19.8	20.0	19.3	19.0
<i>of which:</i>					
<i>by cards with an e-money function</i>	18.0	19.8	20.0	19.3	19.0
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques ⁴	11.2	7.2	4.5	3.5	2.7
Total number of transactions with payment instruments	882.7	877.2	938.5	983.2	1,021.2
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	94.4	104.6	110.4	113.2	110.6
<i>of which:</i>					
<i>ATM cash withdrawals</i>	94.4	104.6	110.4	113.2	110.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	225.2	258.7	284.7	302.7	317.7
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	4.5	5.2	5.3	5.2	5.6
<i>of which:</i>					
<i>ATM cash withdrawals</i>	4.5	5.2	5.3	5.2	5.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	21.5	23.5	23.1	24.0	24.3
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	6.8	8.2	8.4	8.6	8.6
<i>of which:</i>					
<i>ATM cash withdrawals</i>	6.8	8.2	8.4	8.6	8.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	37.0	40.7	41.6	42.3	44.4
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ SIC, DTA and EZAG of PostFinance. ² LSV and Debit Direct from PostFinance. ³ Includes delayed debit cards. ⁴ Bank cheques, Swiss banker traveller's cheques and Postcheques.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
 (CHF billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ¹	46,519.6	46,743.4	46,085.9	45,933.4	43,167.7
<i>of which:</i>					
<i>paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits ²	70.8	72.4	72.8	75.7	78.8
Card payments with cards issued in the country	44.0	52.9	57.4	58.9	57.1
<i>of which:</i>					
<i>payments by cards with a debit function</i>	26.0	34.0	38.1	39.9	37.3
<i>payments by cards with a credit function</i> ³	18.0	18.9	19.3	19.0	19.8
E-money payment transactions	0.07	0.07	0.07	0.07	0.07
<i>of which:</i>					
<i>by cards with an e-money function</i>	0.07	0.07	0.07	0.07	0.07
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques ⁴	27.7	18.5	13.1	10.0	7.9
Total value of transactions with payment instruments	46,662.2	46,887.3	46,229.3	46,078.1	43,311.6
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transactions per type of terminal					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	25.5	27.0	27.3	23.7	26.7
<i>of which:</i>					
<i>ATM cash withdrawals</i>	25.5	27.0	27.3	23.7	26.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	36.2	44.7	48.9	50.3	47.9
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	1.3	1.1	1.2	1.2	1.4
<i>of which:</i>					
<i>ATM cash withdrawals</i>	1.3	1.1	1.2	1.2	1.4
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	4.5	4.9	4.6	4.3	4.4
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	2.0	2.2	2.6	2.7	2.6
<i>of which:</i>					
<i>ATM cash withdrawals</i>	2.0	2.2	2.6	2.7	2.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions (irrespective of type of card used)	7.8	8.2	8.5	8.6	9.2
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

¹ SIC, DTA and EZAG of PostFinance. ² LSV and Debit Direct from PostFinance. ³ Includes delayed debit cards. ⁴ Bank cheques, Swiss banker traveller's cheques and Postcheques.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value and retail payment systems					
Swiss Interbank Clearing (SIC)	149.5	161.1	177.0	192.7	209.1
<i>of which:</i>					
<i>payments on data carrier or file transfer</i> ¹	105.9	103.7	103.3	100.1	94.0
<i>cheques</i>	2.4	1.8	1.0	0.7	0.5
Concentration ratio in terms of volume (%)	54.5	54.4	55.1	57.8	60.5

¹ DTA (data media exchange facility) and LSV (direct debit procedure).

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(CHF billions, total for the year)

	2000	2001	2002	2003	2004
Large-value and retail payment systems					
Swiss Interbank Clearing (SIC)	44,621.0	45,378.0	44,750.2	44,666.8	41,929.1
<i>of which:</i>					
<i>payments on data carrier or file transfer</i> ¹	384.4	379.1	356.4	340.1	302.8
<i>cheques</i>	11.6	8.9	6.2	4.2	3.1
Concentration ratio in terms of value (%)	72.9	71.9	70.5	70.0	70.2

¹ DTA (data media exchange facility) and LSV (direct debit procedure).

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems: volume of transactions
(thousands, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
SWX Swiss Exchange ¹	12,500	11,500	13,400	14,200	14,700
Clearing houses					
Eurex	20,400	30,700	44,600	56,200	48,600
x-clear ²	nap	nap	nap	3,400	4,800
Securities settlement systems					
SIS SegalInterSettle	14,527	13,407	15,253	18,833	16,777

¹ Includes virt-x from 2002. ² x-clear started operations in May 2003.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions
(CHF billions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
SWX Swiss Exchange ¹	1,324.5	1,254.9	1,247.3	1,112.0	1,224.0
Clearing houses					
Eurex	56,796.3	76,930.4	82,157.2	108,372.4	115,664.2
x-clear ²	nap	nap	nap	212.3	348.2
Securities settlement systems					
SIS SegalInterSettle	5,759.5	6,447.0	7,467.0	8,644.0	9,451.0

¹ Includes virt-x from 2002. ² x-clear started operations in May 2003.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
SWX Swiss Exchange ¹	102	109	109	95	86
Clearing houses					
Eurex	428	427	424	406	407
x-clear ²	nap	nap	nap	58	56
Securities settlement systems					
SIS SegalInterSettle	383	433	489	462	448

¹ Includes virt-x from 2002. ² x-clear started operations in May 2003.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Securities settlement systems					
SIS SegalInterSettle					
Value of securities held (CHF billions)	2,131	1,981	1,580	1,817	1,956
<i>of which:</i>					
<i>domestic</i>	1,803	1,648	1,334	1,517	1,614
<i>foreign</i>	328	333	246	300	342
Number of securities held	66,440	71,739	71,865	77,563	87,076
<i>of which:</i>					
<i>domestic</i>	15,676	17,011	18,476	20,988	25,827
<i>foreign</i>	50,764	54,728	53,389	56,575	61,249

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	102	101	98	101	97
<i>of which: live</i>	101	100	98	100	97
Sub-members	79	87	84	80	76
<i>of which: live</i>	78	84	83	80	76
Participants	65	66	68	69	75
<i>of which: live</i>	64	64	67	69	73
Total users	246	254	250	250	248
<i>of which: live</i>	243	248	248	249	246
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	54,924	66,141	75,688	89,117	82,542
<i>of which:</i>					
<i>category I</i>	10,396	11,410	11,890	12,391	13,252
<i>category II</i>	8,067	9,311	9,174	9,288	9,484
Total messages received	54,064	60,843	67,805	85,228	86,998
<i>of which:</i>					
<i>category I</i>	7,586	8,406	8,375	8,608	9,203
<i>category II</i>	5,641	5,788	5,657	5,361	5,938
Domestic traffic	10,357	12,590	16,141	20,310	22,060
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	58,643	59,051	59,322	59,554	59,835
GDP (GBP billions)	953.58	996.76	1,048.46	1,105.92	1,164.94
GDP per capita (GBP)	16,261	16,880	17,674	18,570	19,469
Consumer price inflation (%) ¹	0.80	1.22	1.27	1.36	1.34
Exchange rate (GBP/USD):					
<i>end of year</i>	0.6707	0.6905	0.6203	0.5580	0.5176
<i>average</i>	0.6614	0.6947	0.6665	0.6125	0.5460

¹ Yearly average.**Table 2**
Settlement media used by non-banks
(GBP billions, end of year)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks	30.22	32.46	33.97	36.18	38.68
Value of transferable deposits	570.09	619.19	672.58	743.22	808.37
Narrow money supply (M2) ¹	598.26	649.64	704.48	777.25	844.45
<i>Memo:</i>					
Transferable deposits in foreign currencies	79.70	95.70	81.80	89.00	113.30
Outstanding value on e-money storages ²	nav	nav	nav	nav	nav

¹ Does not equal the sum of the two previous items. ² There is no fully operational electronic money scheme currently in place.**Table 3**
Settlement media used by banks

(GBP billions, average of last reserve maintenance period)

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	1.56	1.71	1.85	1.96	2.07
<i>of which:</i>					
<i>required reserves</i> ¹	1.42	1.55	1.68	1.82	2.00
<i>free reserves</i>	0.14	0.15	0.17	0.15	0.07
Transferable balances held at other banks ²	255.87	297.58	361.61	408.02	497.10
<i>Memo:</i>					
Institutions' borrowing from the central bank: ³					
<i>intraday</i>	nav	nav	8.95	9.02	12.16
<i>overnight and longer</i>	11.93	14.39	12.98	17.38	23.13

¹ On 1 June 1998 a statutory scheme came into effect whereby both banks and building societies with average eligible liabilities of GBP 400 million or more are required to hold non-interest-bearing deposits with the Bank of 0.15% of their eligible liabilities in excess of GBP 400 million. ² Includes some time deposits. ³ Banks borrow from the Bank of England mainly through two-week repo transactions in gilts, Treasury bills and eligible euro securities. Funds obtained in this way may be used for payment purposes.

Table 4**Banknotes and coin***(GBP billions, end of year)*

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation ^{1,2}	30.799	32.991	35.295	37.779	39.734
Total banknotes in circulation ²	28.087	30.104	32.286	34.626	36.588
<i>of which:</i>					
<i>GBP 50</i>	4.668	5.114	5.148	5.868	6.180
<i>GBP 20</i>	15.504	14.209	16.187	21.223	23.008
<i>GBP 10</i>	6.803	9.816	9.743	6.407	6.318
<i>GBP 5</i>	1.112	0.965	1.209	1.128	1.082
Total coin in circulation ³	2.712	2.887	3.009	3.153	3.146
<i>of which:</i>					
<i>GBP 2</i>	0.326	0.371	0.410	0.464	0.464
<i>GBP 1</i>	1.251	1.307	1.341	1.380	1.374
<i>GBP 0.50</i>	0.289	0.317	0.333	0.348	0.350
<i>GBP 0.20</i>	0.354	0.374	0.391	0.411	0.409
<i>GBP 0.10</i>	0.138	0.145	0.149	0.152	0.151
<i>GBP 0.05</i>	0.154	0.163	0.168	0.173	0.173
<i>GBP 0.02</i>	0.110	0.115	0.119	0.124	0.124
<i>GBP 0.01</i>	0.090	0.095	0.098	0.101	0.101
Banknotes and coin in circulation held by banks	4.155	4.777	5.467	6.056	5.668
Banknotes and coin in circulation outside banks	30.221	32.460	33.972	36.182	38.683

¹ Average of Wednesdays in December. ² Bank of England banknotes only. ³ Estimated as at 31 December.

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank					
Number of branches or offices ¹	1	1	1	1	1
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (GBP billions)	1.50	0.81	1.22	1.30	1.03
Banks					
Number of institutions	500	480	447	423	405
Number of branches or offices ²	15,059	14,682	14,500	14,280	14,015
Number of accounts (thousands) ^{2,3}	142,942	143,588	143,700	127,995	129,790
<i>of which: number of internet/PC-linked accounts</i>					
<i>(thousands)⁴</i>	6,446	8,760	12,883	16,696	24,142
Value of accounts (GBP billions)	1,947.86	2,151.36	2,569.49	2,804.53	3,128.65
<i>of which:</i>					
Branches of domestic banks					
Number of institutions	255	249	250	237	228
Number of branches or offices	nav	nav	nav	nav	nav
Value of accounts (GBP billions)	774.43	837.24	990.10	1,086.48	1,233.49
Branches of foreign banks					
Number of institutions	245	231	197	186	177
Number of branches or offices	nav	nav	nav	nav	nav
Value of accounts (GBP billions)	1,173.43	1,314.11	1,579.38	1,718.05	1,895.16
Other institutions offering payment services to non-banks⁵					
Number of institutions	1	1	1	1	1
Number of branches or offices	18,393	17,846	17,584	17,239	15,961
Number of accounts	16,200	13,900	13,879	13,907	12,426
Value of accounts (GBP billions)	1.30	1.40	1.36	1.36	0.38
Institutions offering payment services to non-banks (total)					
Number of institutions	747	713	646	611	584
Number of branches or offices ²	33,453	32,529	32,085	31,520	29,977
Number of accounts held by non-banks					
<i>(thousands)²</i>	159,142	157,488	157,579	141,902	142,216
<i>of which: number of internet/PC-linked accounts</i>					
<i>(thousands)</i>	6,446	8,760	12,883	16,696	24,142
Value of accounts held by non-banks					
<i>(GBP billions)</i>	1,950.66	2,153.56	2,572.06	2,807.19	3,130.06

¹ The central bank also has two outlets for note issue and 12 regional agencies for economic intelligence gathering purposes.

² Estimated figures. ³ Includes private sector ordinary share and deposit accounts with UK building societies and shares and deposits below GBP 50,000 from corporate bodies, placed with building societies. ⁴ Number of accounts associated to internet services (credit transfers, payment of bills, etc carried out via the internet). ⁵ Postal institution; National Savings Accounts only.

Table 6
Payment card functions and accepting devices
(thousands, end of year)

	2000	2001	2002	2003	2004
Cards issued in the country					
Cards with a cash function	120,682	132,623	142,092	158,123	165,915
Cards with a debit function	49,730	54,305	59,419	62,854	66,776
Cards with a delayed debit function ¹	3,773	4,426	4,311	4,431	4,423
Cards with a credit function ²	47,080	51,701	58,794	66,825	69,888
Cards with an e-money function	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card) ³	127,294	136,833	147,530	160,588	166,747
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
Terminals located in the country					
ATMs	33.00	36.67	40.83	46.46	54.41
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	<i>33.00</i>	<i>36.67</i>	<i>40.83</i>	<i>46.46</i>	<i>54.41</i>
<i>ATMs with a credit transfer function</i>	<i>11.88</i>	<i>14.67</i>	<i>14.70</i>	<i>13.47</i>	<i>18.50</i>
POS terminals ⁴	735.00	772.00	810.60	861.35	920.02
E-money card terminals ⁵	nav	nav	nav	nav	nav

¹ Includes data for cards with a "credit and charge" facility. ² Mastercard and Visa only. ³ Excludes any stand-alone e-money cards and retailer cards. ⁴ Estimate of total number of POS terminals in the United Kingdom. Most accept both credit and debit cards. ⁵ All major e-money trials in the United Kingdom finished by end-2000.

Table 7

Indicators of the use of payment instruments and terminals by non-banks: volume of transactions¹
 (millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ²	1,845.3	1,932.3	2,009.4	2,211.5	2,600.7
<i>of which:</i>					
<i>paper based</i>	386.3	378.3	368.4	370.5	364.7
<i>non-paper based</i>	1,459.0	1,554.0	1,641.0	1,841.0	2,236.0
Direct debits	2,009.7	2,152.1	2,288.6	2,429.9	2,589.9
Card payments with cards issued in the country	3,788.0	4,257.0	4,681.0	5,185.0	5,639.0
<i>of which:</i>					
<i>payments by cards with a debit function³</i>	2,337.0	2,696.0	2,994.0	3,364.0	3,690.0
<i>payments by cards with a delayed debit function</i>	187.0	220.0	216.0	224.0	222.0
<i>payments by cards with a credit function^{3,4}</i>	1,264.0	1,341.0	1,471.0	1,597.0	1,727.0
E-money payment transactions	nav	nav	nav	nav	nav
Cheques ⁵	2,701.0	2,567.0	2,393.0	2,251.0	2,089.0
Other payment instruments	nav	nav	nav	nav	nav
Total number of transactions with payment instruments	10,344.0	10,908.4	11,372.0	12,077.4	12,918.6
<i>of which: cross-border transactions sent</i>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Cross-border transactions received	nap	nap	nap	nap	nap
Transactions per type of terminal					
a) Transactions at terminals in the country					
Cash transactions ^{6,7}	2,027.0	2,174.0	2,268.0	2,373.0	2,528.0
POS payment transactions (irrespective of type of card used) ⁶	3,984.0	4,336.0	4,755.0	5,224.0	5,762.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions ⁷	2.0	1.0	1.0	3.0	4.0
POS payment transactions (irrespective of type of card used) ⁸	161.0	192.0	211.0	226.0	260.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ This table contains all customer transactions. For a number of instruments, also includes banks' own transactions where these cannot be identified separately (see further footnotes). Includes Northern Ireland (estimated) and Scotland; also includes some data and/or estimates of inter-branch and in-house processed items. ² Includes inter-branch paper credit transfers plus some in-house automated transactions (including some transactions on banks' own accounts). ³ Customer transactions only. ⁴ Does not include data for cards with a "credit and charge" facility. This data is included in the cards with a "delayed debit function" category. ⁵ Includes inter-branch cheques and estimates of in-house processed cheques; also includes some own account items. ⁶ Includes foreign issued cards used in the United Kingdom. ⁷ Includes all ATM transactions; a further breakdown is not available. ⁸ Data is for payment cards only; a further breakdown is not available.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions¹
(GBP billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument					
Credit transfers ²	65,038.49	72,921.50	71,227.81	74,859.83	76,514.24
<i>of which:</i>					
<i>paper based</i>	206.71	202.90	197.09	195.70	187.32
<i>non-paper based</i>	64,831.78	72,718.60	71,030.72	74,664.13	76,326.92
Direct debits	517.22	555.87	616.89	662.19	750.38
Card payments with cards issued in the country	160.90	188.53	210.96	243.87	272.95
<i>of which:</i>					
<i>payments by cards with a debit function³</i>	75.99	94.92	107.85	130.47	150.15
<i>payments by cards with a delayed debit function</i>	18.79	21.98	22.01	22.04	23.36
<i>payments by cards with a credit function^{3,4}</i>	66.12	71.63	81.10	91.37	99.43
E-money payment transactions	nav	nav	nav	nav	nav
Cheques ⁵	1,973.27	1,953.60	1,895.89	1,843.28	1,779.64
Other payment instruments	nap	nap	nap	nap	nap
Total value of transactions with payment instruments	67,689.88	75,619.50	73,951.54	77,609.18	79,317.20
<i>of which: cross-border transactions sent</i>	12.00	14.00	15.91	18.05	19.69
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
Transactions per type of terminal					
a) Transactions at terminals in the country					
Cash transactions ^{6,7}	113.01	127.43	136.36	144.12	161.27
POS payment transactions (irrespective of type of card used) ⁶	172.24	187.03	212.95	242.00	273.30
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions ⁷	0.18	0.10	0.11	0.29	0.32
POS payment transactions (irrespective of type of card used) ⁸	11.98	14.00	15.91	18.05	19.69
E-money card loading/unloading transactions	nav	nav	nav	nav	nav

¹ This table contains all customer transactions. It also, for a number of instruments, includes banks' own account transactions where these cannot be identified separately (see further footnotes). Includes Northern Ireland (estimated) and Scotland; also includes some data and/or estimates of inter-branch and in-house processed items. ² Includes inter-branch paper credit transfers plus some in-house automated transactions (including some transactions on banks' own accounts). ³ Customer transactions only. ⁴ Does not include data for cards with a "credit and charge" facility. This data is included in the cards with a "delayed debit function" category. ⁵ Includes inter-branch cheques and estimates of in-house processed cheques; this will also include some own account items. ⁶ Includes foreign issued cards used in the United Kingdom. ⁷ Includes all ATM transactions; a further breakdown is not available. ⁸ Data is for payment cards only; a further breakdown is not available.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions¹
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
CHAPS Euro (TARGET component)					
Credit transfers sent	2.00	2.58	3.66	4.29	4.69
<i>of which:</i>					
<i>sent within CHAPS Euro</i>	0.75	0.93	1.23	1.39	1.38
<i>sent to another TARGET component</i>	1.25	1.65	2.44	2.91	3.32
<i>of which:</i>					
<i>sent to a euro area TARGET component</i>	nav	nav	2.39	2.86	3.26
<i>sent to a non-euro area TARGET component</i>	nav	nav	0.05	0.05	0.05
Credit transfers received from another TARGET component	nav	1.30	1.52	1.69	1.84
Concentration ratio in terms of volume (%) ²	72	69	69	70	72
CHAPS Sterling					
Credit transfers	21.71	23.96	25.56	27.22	28.32
<i>of which:</i>					
<i>paper-based credit transfers</i>	nav	nav	nav	nav	nav
<i>non-paper based credit transfers</i>	21.71	23.96	25.56	27.22	28.32
Direct debits	nav	nav	nav	nav	nav
Card payments	nav	nav	nav	nav	nav
ATM transactions	nav	nav	nav	nav	nav
E-money transactions	nav	nav	nav	nav	nav
Cheques	nav	nav	nav	nav	nav
Other payment instruments	nav	nav	nav	nav	nav
Total national transactions sent	21.71	23.96	25.56	27.22	28.32
Concentration ratio in terms of volume (%) ²	84	84	83	81	80
Retail payment systems					
Cheque and Credit Clearing³					
Credit transfers	164.65	160.93	153.81	143.93	135.90
<i>of which:</i>					
<i>paper-based credit transfers</i>	164.65	160.93	153.81	143.93	135.90
<i>non-paper based credit transfers</i>	nav	nav	nav	nav	nav
Direct debits	nav	nav	nav	nav	nav
Card payments	nav	nav	nav	nav	nav
ATM transactions	nav	nav	nav	nav	nav
E-money transactions	nav	nav	nav	nav	nav
Cheques	1,868.94	1,778.73	1,664.67	1,560.48	1,462.53
Other payment instruments	nav	nav	nav	nav	nav
Total national transactions sent	2,033.59	1,939.66	1,818.48	1,704.40	1,598.43
Concentration ratio in terms of volume (%) ²	79	78	78	78	79

Table 9 (cont)

	2000	2001	2002	2003	2004
BACS					
Credit transfers	1,306.53	1,375.26	1,446.11	1,630.39	2,012.55
<i>of which:</i>					
<i>paper-based credit transfers</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper based credit transfers</i>	1,306.53	1,375.26	1,446.11	1,630.39	2,012.55
Direct debits	2,009.67	2,152.06	2,288.59	2,429.92	2,589.93
Card payments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
ATM transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total national transactions sent	3,316.20	3,527.32	3,734.70	4,060.30	4,602.49
Concentration ratio in terms of volume (%) ²	76	75	74	74	76

¹ The table contains both customer and banks' own account transactions. Includes both domestic and cross-border (TARGET) payments; excludes inter-branch items and, from 2001, also excludes inward cross-border payments. ² Market share of the five largest participants in each payment system, based on the total volume of transactions. ³ Includes Northern Ireland (estimated) and Scotland.

Table 10

Payments processed by selected interbank funds transfer systems: value of transactions¹
(GBP billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems					
CHAPS Euro (TARGET component)					
Credit transfers sent	14,786.2	18,643.4	17,761.7	21,576.8	22,287.8
<i>of which:</i>					
<i>sent within CHAPS Euro</i>	3,090.7	4,231.5	4,148.6	5,094.8	4,499.5
<i>sent to another TARGET component</i>	11,695.5	14,411.9	13,613.0	16,482.1	17,788.4
<i>of which:</i>					
<i>sent to a euro area TARGET component</i>	<i>nav</i>	<i>nav</i>	13,428.3	16,208.5	17,483.6
<i>sent to a non-euro area TARGET component</i>	<i>nav</i>	<i>nav</i>	184.8	273.6	304.8
Credit transfers received from another TARGET component	<i>nav</i>	12,855.3	12,345.8	15,924.3	17,157.9
Concentration ratio in terms of value (%) ²	82	84	84	83	81
CHAPS Sterling					
Credit transfers	49,145.8	52,912.9	51,896.0	51,613.5	52,347.5
<i>of which:</i>					
<i>paper-based credit transfers</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper based credit transfers</i>	49,145.8	52,912.9	51,896.0	51,613.5	52,347.5
Direct debits	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Card payments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
ATM transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total national transactions sent	49,145.8	52,912.9	51,896.0	51,613.5	52,347.5
Concentration ratio in terms of value (%) ²	80	79	78	77	78

Table 10 (cont)

	2000	2001	2002	2003	2004
Retail payment systems					
Cheque and Credit Clearing³					
Credit transfers	88.1	86.3	82.3	76.0	69.8
<i>of which:</i>					
<i>paper-based credit transfers</i>	88.1	86.3	82.3	76.0	69.8
<i>non-paper based credit transfers</i>	nap	nap	nap	nap	nap
Direct debits	nap	nap	nap	nap	nap
Card payments	nap	nap	nap	nap	nap
ATM transactions	nap	nap	nap	nap	nap
E-money transactions	nap	nap	nap	nap	nap
Cheques	1,365.4	1,353.7	1,318.9	1,277.8	1,245.9
Other payment instruments	nap	nap	nap	nap	nap
Total national transactions sent	1,453.5	1,440.0	1,401.1	1,353.8	1,315.7
Concentration ratio in terms of value (%) ²	81	81	80	80	79
BACS					
Credit transfers	1,404.9	1,609.8	1,763.4	1,910.3	2,131.0
<i>of which:</i>					
<i>paper-based credit transfers</i>	nap	nap	nap	nap	nap
<i>non-paper based credit transfers</i>	1,404.9	1,609.8	1,763.4	1,910.3	2,131.0
Direct debits	517.2	555.9	616.9	662.2	750.4
Card payments	nap	nap	nap	nap	nap
ATM transactions	nap	nap	nap	nap	nap
E-money transactions	nap	nap	nap	nap	nap
Cheques	nap	nap	nap	nap	nap
Other payment instruments	nap	nap	nap	nap	nap
Total national transactions sent	1,922.1	2,165.6	2,380.3	2,572.4	2,881.4
Concentration ratio in terms of value	nav	nav	nav	nav	nav

¹ The table contains both customer and banks' own account transactions. Includes both domestic and cross-border (TARGET) payments; excludes inter-branch items and, from 2001, also excludes inward cross-border payments. ² Market share of the five largest participants in each payment system, based on the total value of transactions. ³ Includes Northern Ireland (estimated) and Scotland.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions
(thousands, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
London Stock Exchange					
Volume of transactions ¹	40,728	49,600	52,700	56,100	66,300
<i>of which:</i>					
<i>United Kingdom</i>	29,427	32,100	37,500	46,200	53,900
<i>other</i>	11,301	17,500	15,200	9,900	12,400
Virt-x²					
Volume of transactions ¹	50	6,190	9,296	10,200	10,200
Clearing houses					
LCH.Clearnet Ltd³					
Volume of trades cleared ⁴	197,304	316,100	368,800	447,100	516,200
<i>of which:</i>					
<i>securities⁵</i>	100,681	225,600	273,100	337,100	383,800
<i>commodities</i>	96,623	90,500	95,700	110,000	132,400
Securities settlement systems⁶					
CREST⁷					
Volume of settlement instructions	59,086	73,400	75,700	63,800	64,200
CMO⁸					
Volume of settlement instructions	201	200	100	100	nap

¹ Number of bargains settled. ² Virt-x was, until June 2001, known as Tradepoint. Figures for June 2001 onwards are for Virt-x and include volumes in Swiss stocks. ³ Formerly the London Clearing House. ⁴ Number of contracts. ⁵ Includes non-commodity futures and options traded on LIFFE (and cleared through LCH). ⁶ Volumes include one side of each transaction. ⁷ Figures are for the United Kingdom and Ireland. CGO was closed in July 2000 and settlement of the relevant instruments taken over by CREST. ⁸ CMO was closed in October 2003 and settlement of the relevant instruments taken over by CREST.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions
(GBP billions, total for the year)

	2000	2001	2002	2003	2004
Trading platforms					
London Stock Exchange					
Value of transactions	5,416.0	5,581.0	4,595.0	3,636.0	4,720.0
of which:					
<i>United Kingdom</i>	1,896.0	1,905.0	1,815.0	1,877.0	2,316.0
<i>other</i>	3,520.0	3,676.0	2,780.0	1,759.0	2,404.0
Virt-x¹					
Value of transactions	13.6	200.0	383.8	353.7	397.0
Clearing houses					
LCH.Clearnet Ltd²					
Value of trades cleared ³	62,535.0	107,707.0	145,052.0	193,000.0	242,000.0
Securities settlement systems⁴					
CREST⁵					
Value of settlement instructions	48,693.0	52,024.0	51,499.0	58,285.0	77,982.0
CMO⁶					
Value of settlement instructions	2,405.0	2,255.0	1,708.0	1,454.0	nap

¹ Virt-x was, until June 2001, known as Tradepoint. Figures for June 2001 onwards are for Virt-x and include values in Swiss stocks. ² Formerly the London Clearing House. ³ Contract values, securities. ⁴ Values include one side of each transaction. ⁵ Figures are for the United Kingdom and Ireland. CGO was closed in July 2000 and settlement of the relevant instruments taken over by CREST. ⁶ CMO was closed in October 2003 and settlement of the relevant instruments taken over by CREST.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
London Stock Exchange	293	293	297	299	337
Banks	nav	nav	nav	nav	nav
Broker/dealer	nav	nav	nav	nav	nav
Other institutions	nav	nav	nav	nav	nav
Virt-x¹	127	111	112	101	112
Banks	36	71	69	68	65
<i>of which:</i>					
<i>domestic</i>	35	5	5	6	7
<i>foreign</i>	1	66	64	62	58
Broker/dealer	58	40	41	33	47
<i>of which:</i>					
<i>domestic</i>	46	28	30	22	31
<i>foreign</i>	12	12	11	11	16
Other institutions	33	0	2	0	0
<i>of which:</i>					
<i>domestic</i>	31	0	2	0	0
<i>foreign</i>	2	0	0	0	0
Clearing houses					
LCH.Clearnet Ltd²	112	116	117	119	119
Banks ³	35	42	41	44	45
<i>of which:</i>					
<i>domestic</i>	8	19	20	18	18
<i>foreign</i>	27	23	21	26	27
Broker/dealer ⁴	69	67	73	66	65
<i>of which:</i>					
<i>domestic</i> ⁵	57	57	59	53	51
<i>foreign</i>	12	10	14	13	14
Other institutions	8	7	3	9	9
<i>of which:</i>					
<i>domestic</i>	nav	6	2	6	6
<i>foreign</i>	nav	1	1	3	3
Securities settlement systems					
CREST⁶	28,489	41,227	52,881	38,054	41,882
Banks, brokers/dealers etc	1,636	2,234	2,017	2,280	2,380
<i>of which:</i>					
<i>domestic</i>	nav	nav	nav	nav	nav
<i>foreign</i>	nav	nav	nav	nav	nav
Others	26,853	38,993	50,864	35,774	39,502
<i>of which:</i>					
<i>private clients</i>	26,853	38,993	50,864	35,774	39,502
CMO⁷	70	64	58	nav	nav
Banks, brokers/dealers etc	nav	nav	nav	nav	nav
Others	nav	nav	nav	nav	nav

¹ Virt-x was, until June 2001, known as Tradepoint. Figures for June 2001 onwards are for Virt-x and include values in Swiss stocks. ² Formerly the London Clearing House. ³ Contract values, securities. ⁴ Values include one side of each transaction. ⁵ Figures are for the United Kingdom and Ireland. ⁶ CGO was closed in July 2000 and settlement of the relevant instruments taken over by CREST. ⁷ CMO was closed in October 2003 and settlement of the relevant instruments taken over by CREST.

Table 11d
Outstanding securities
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
London Stock Exchange					
Value of securities issued (GBP billions) ¹	5,338	4,115	3,060	3,349	3,464
<i>of which:</i>					
<i>United Kingdom</i>	1,812	1,535	1,158	1,374	1,492
<i>other</i>	3,526	2,580	1,902	1,975	1,972
Number of securities issued ¹	2,929	2,891	2,824	2,692	2,837
<i>of which:</i>					
<i>United Kingdom</i>	2,428	2,438	2,405	2,311	2,486
<i>other</i>	501	453	419	381	351
Value of securities registered (GBP billions) ²	5,338	4,115	3,060	3,349	3,464
Number of securities registered ²	2,929	2,891	2,824	2,692	2,837
Virt-x³	nap	nap	nap	nap	nap
Securities settlement systems					
CREST⁴					
Value of securities issued (GBP billions)	1,785	1,617	1,292	1,683	1,888
Volume of securities issued	10,873	15,846	6,351	12,387	13,697
Value of securities registered (GBP billions) ²	1,785	1,617	1,292	1,683	1,888
Number of securities registered ²	10,873	15,846	6,351	12,387	13,697
CMO⁵					
Value of securities issued (GBP billions)	143	151	171	nap	nap
Number of securities issued	58,805	51,109	56,691	nap	nap
Value of securities registered (GBP billions) ²	143	151	171	nap	nap
Number of securities registered ²	58,805	51,109	56,691	nap	nap

¹ Figures show value and number of securities listed on the London Stock Exchange. ² In the United Kingdom, all securities are both listed and registered. ³ Virt-x was, until June 2001, known as Tradepoint. Figures for June 2001 onwards are for Virt-x and include values in Swiss stocks. ⁴ For 2003, includes the dematerialised equivalents to money market instruments, following the closure of CMO. CGO was closed in July 2000 and settlement of the relevant instruments taken over by CREST. ⁵ CMO only settled bearer instruments; it was closed in October 2003 and settlement taken over by CREST.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	60	60	60	87	88
<i>of which: live</i>	58	58	58	83	86
Sub-members	294	293	278	272	267
<i>of which: live</i>	289	292	277	271	262
Participants	119	113	116	79	84
<i>of which: live</i>	115	111	108	75	79
Total users	473	466	454	438	439
<i>of which: live</i>	462	461	443	429	427
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	189,324	243,137	303,586	346,098	395,664
<i>of which:</i>					
<i>category I</i>	22,091	32,597	49,616	55,303	61,988
<i>category II</i>	30,930	37,566	40,779	42,169	47,586
Total messages received	217,026	291,466	370,311	410,490	463,235
<i>of which:</i>					
<i>category I</i>	25,249	35,261	52,103	56,511	62,614
<i>category II</i>	21,643	27,993	31,152	32,283	36,915
Domestic traffic	53,194	79,035	100,879	104,943	126,536
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Table 1
Basic statistical data

	2000	2001	2002	2003	2004
Population (thousands) ¹	282,402	285,329	288,173	291,028	293,907
GDP (USD billions) ²	9,817.0	10,128.0	10,487.0	11,004.0	11,735.0
GDP per capita (USD)	34,762.5	35,495.9	36,391.3	37,810.8	39,927.6
Consumer price inflation (%) ³	3.38	2.83	1.59	2.27	2.68

¹ Data estimated as of 1 July each year. Includes armed forces overseas. ² Annual data reflecting National Income and Product Account revisions as of 31 August 2005. ³ Average annual inflation rate. Data stated for all urban consumers (CPI-U).

Sources: US Department of Commerce (Bureau of the Census and Bureau of Economic Analysis); US Department of Labor (Bureau of Labor Statistics).

Table 2
Settlement media used by non-banks
(USD billions, average for December)

	2000	2001	2002	2003	2004
Notes and coin in circulation outside banks ¹	535.6	585.2	630.3	666.7	702.4
Value of transferable deposits ²	567.8	615.2	607.3	657.8	691.5
Other ³	8.1	7.9	7.7	7.6	7.5
Narrow money supply (M1) ⁴	1,111.6	1,208.3	1,245.2	1,332.2	1,401.4
<i>Memo:</i>					
Transferable deposits in foreign currencies ⁵	1.49	1.35	1.70	2.19	2.26
Outstanding value on e-money storages ⁶	neg	neg	neg	neg	neg

¹ Currency in circulation less amount held by the Treasury, Federal Reserve Banks and depository institutions. ² Transferable deposits consist of demand deposits and other chequable deposits. ³ Non-bank traveller's cheques. ⁴ Composition of M1 = currency and coin + traveller's cheques + demand deposits + other chequable deposits. ⁵ Average for the week beginning on the third Tuesday in December and ending the following Monday. ⁶ E-money products have not been widely adopted in the United States. In this reporting period, values of e-money outstanding are negligible relative to other forms of settlement media.

Source: Federal Reserve.

Table 3**Settlement media used by banks***(USD billions, average of last reserve maintenance period)*

	2000	2001	2002	2003	2004
Transferable balances held at the central bank	13.529	17.793	20.904	22.620	21.453
<i>of which:</i>					
<i>required reserves</i> ¹	11.889	15.935	18.422	21.314	19.593
<i>free reserves</i>	1.640	1.858	2.482	1.306	1.860
Transferable balances held at other banks ²	32.057	34.792	35.701	35.324	28.142
<i>Memo:</i>					
Institutions' borrowing from the central bank: ³					
<i>intraday</i>					
<i>peak</i> ⁴	91.034	86.923	84.204	86.881	108.138
<i>average</i> ⁵	26.764	27.282	29.627	30.056	30.188
<i>overnight and longer</i> ⁶	0.285	0.060	0.057	0.054	0.068

¹ Required reserves less applied vault cash plus weekly average required clearing balances. ² Transaction account deposits of commercial banks and other depository institutions in the United States as of 31 December. These transferable balances do not include other immediately available funds, such as federal funds sold and securities purchased under agreements to resell (RPs), which together amounted to USD 395.7, 442.5, 148.7, 170.8 and 169.2 billion at year-end 2000, 2001, 2002, 2003 and 2004 respectively. ³ The Federal Reserve also enters into repurchase agreements (not shown), but these are not for the purpose of providing funds to banks for settlement. ⁴ Average of peak daylight overdrafts during the reporting period. The peak daylight overdraft for a given day is the greatest value reached by the concurrent sum of daylight overdrafts for all institutions. ⁵ Average of average daylight overdrafts during the reporting period. The average per-minute daylight overdraft for a given day is the sum of the average per-minute daylight overdrafts for all institutions on that day. ⁶ Discount window borrowing from Federal Reserve as indicated in statistical release H.3 "Aggregate Reserves of Depository Institutions and the Monetary Base".

Source: Federal Reserve.

Table 4**Banknotes and coin***(USD billions, end of year)*

	2000	2001	2002	2003	2004
Total banknotes and coin in circulation	593.87	643.33	687.53	724.17	754.86
Total banknotes in circulation	563.95	612.25	654.76	690.24	719.92
<i>of which:</i>					
<i>USD 100</i>	377.69	421.08	458.68	487.77	516.70
<i>USD 50</i>	55.05	57.03	58.46	59.94	60.65
<i>USD 20</i>	98.61	100.93	103.72	107.77	107.64
<i>USD 10</i>	14.54	14.69	14.89	15.14	15.10
<i>USD 5</i>	8.85	9.15	9.40	9.71	9.83
<i>USD 1</i>	7.65	7.79	7.98	8.24	8.29
<i>other</i>	1.55	1.58	1.62	1.66	1.71
Total coin in circulation	29.93	31.07	32.77	33.93	34.93
<i>of which:</i>					
<i>USD 1</i>	2.73	2.91	3.03	3.12	3.19
<i>fractional coins</i>	27.19	28.16	29.74	30.81	31.74
Banknotes and coin in circulation held by banks	58.17	58.13	57.23	57.47	52.46
Banknotes and coin in circulation outside banks	535.70	585.20	630.30	666.70	702.40

Sources: Federal Reserve; US Treasury.

Table 5
Institutions offering payment services to non-banks
(end of year)

	2000	2001	2002	2003	2004
Central bank¹					
Number of branches or offices ²	37	37	37	37	37
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
Banks³					
Number of institutions	20,674	20,018	19,425	18,929	18,354
Number of branches or offices ^{4,5}	78,353	82,951	84,840	104,949	106,360
Number of accounts	nav	nav	nav	nav	nav
Value of transaction accounts (USD billions) ⁶	793.11	872.90	847.03	877.14	913.58
<i>of which:</i>					
Commercial banks					
Number of institutions	8,249	8,012	7,821	7,706	7,559
Number of branches or offices ⁵	64,800	69,489	71,607	71,887	72,822
Value of transaction accounts (USD billions)	678.50	740.38	706.28	725.83	753.43
Savings institutions⁷					
Number of institutions	1,648	1,588	1,521	1,468	1,406
Number of branches or offices ⁵	13,553	13,462	13,233	14,016	14,083
Value of transaction accounts (USD billions)	54.41	68.19	72.50	74.24	75.41
Credit unions					
Number of institutions	10,430	10,092	9,792	9,478	9,120
Number of branches or offices ⁵	nav	nav	nav	19,046	19,455
Value of transaction accounts (USD billions)	51.25	54.51	58.67	66.38	73.69
Branches of foreign banks					
Number of institutions	347	326	291	277	269
Number of branches or offices	nav	nav	nav	nav	nav
Value of transaction accounts (USD billions) ⁸	8.95	9.83	9.59	10.70	11.06

¹ The Federal Reserve Board of Governors is the central bank. The Board of Governors is located in Washington D.C. and there are 12 district banks located in Atlanta, Boston, Chicago, Cleveland, Dallas, Kansas City, Minneapolis, New York, Philadelphia, Richmond, St. Louis and San Francisco. ² Includes 12 Reserve Bank head offices. Some branches no longer provide payment services. A small number of additional regional offices provide check or cash services to depository institutions. ³ Banks in this table include depository institutions which are similar in meaning to deposit-taking institutions. ⁴ Data prior to 2003 does not include the number of credit union branches or offices. ⁵ Does not include head offices. ⁶ Note that this definition differs from the definition of transferable deposits reported in Table 2. ⁷ Includes state and federal savings banks, savings and loan associations and cooperative and industrial banks. ⁸ Includes credit balances as well as total transaction accounts.

Sources: Federal Reserve; Office of Thrift Supervision; US Treasury.

Table 6
Payment card functions and accepting devices
(end of year)

	2000	2001	2002	2003	2004
Cards issued in the country (millions)¹					
Cards with a cash function ²	759.5	824.2	864.5	896.1	928.0
Cards with a debit function	223.2	242.1	249.0	249.0	266.7
Cards with a credit function	1,250.0	1,234.0	1,256.8	1,276.0	1,246.3
<i>of which:</i>					
<i>retailer cards</i> ³	712.0	650.2	639.8	627.4	583.5
Cards with an e-money function ⁴	neg	neg	neg	neg	neg
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	nav
Terminals located in the country (thousands)					
ATMs	273.0	324.0	352.0	371.0	383.0
<i>of which:</i>					
<i>ATMs with a cash withdrawal function</i>	273.0	324.0	352.0	371.0	383.0
<i>ATMs with a credit transfer function</i>	nav	nav	nav	nav	nav
POS terminals	nav	nav	nav	nav	nav
<i>of which:</i>					
<i>pin-based debit terminals</i>	2,800.0	3,100.0	3,500.0	3,890.0	4,900.0
E-money card terminals ⁴	neg	neg	neg	neg	neg

¹ A card with multiple functions may appear in several categories; therefore, it is not meaningful to add the figures. ² Includes credit and debit cards with a cash function. ³ These cards generally can only be used with the retailers' own proprietary networks.

⁴ E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments.

Sources: *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA).

Table 7
Indicators of the use of payment instruments and terminals by non-banks: volume of transactions
 (millions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument¹					
Credit transfers	3,775.2	4,232.0	4,458.5	4,746.7	5,096.2
of which:					
<i>paper based</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>
<i>non-paper based (ACH)²</i>	3,775.2	4,232.0	4,458.5	4,746.7	5,096.2
Direct debits (ACH) ³	2,367.5	2,929.9	3,462.2	4,208.6	5,796.1
Card payments ⁴	24,166.6	27,272.7	30,921.2	34,217.1	38,805.8
of which:					
<i>payments by cards with a debit function⁵</i>	8,313.0	10,524.0	13,390.4	16,197.8	19,680.0
<i>payments by cards with a credit function⁶</i>	15,853.7	16,748.7	17,530.8	18,019.3	19,125.8
of which:					
<i>payments by retailer cards with a credit function</i>	3,567.6	3,575.7	3,598.2	3,210.3	2,940.0
E-money payment transactions ⁷	neg	neg	neg	neg	neg
Cheques ⁸	41,900.0	40,130.0	38,370.0	36,600.0	34,830.0
Memo:					
ATM transactions ⁹	12,840.0	13,584.0	10,598.4	10,827.6	11,030.4
of which:					
<i>ATM cash withdrawals¹⁰</i>	nav	nav	nav	5,874.6	nav

¹ Includes payments by banks for their own account. ² Includes an estimate of the number of on-us payments. A study conducted by the Federal Reserve estimated that the number of on-us ACH credit payments was 635 million in 2003. Other figures are derived from that estimate. ³ Includes an estimate of the number of on-us payments. A study conducted by the Federal Reserve estimated that the number of on-us ACH debit payments was 781 million in 2003. Other figures are derived from that estimate. ⁴ Payments made in the United States using cards issued inside and outside the United States. ⁵ Studies conducted by the Federal Reserve estimated that the number of debit card payments were 8,300 million in 2000 and 15,600 million in 2003. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. ⁶ Excludes cash advances. Total of Visa, MasterCard, Discover, American Express, Diners Club and retailer cards. Studies conducted by the Federal Reserve estimated that the number of credit card payments were 15,600 million in 2000 and 19,000 million in 2003. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. ⁷ E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments. ⁸ Annualised number of paid cheques including commercial cheques, US Treasury cheques and postal money orders. Studies conducted by the Federal Reserve estimated the number of paid cheques in 1995, 2000 and 2003. Other figures are derived from those estimates. ⁹ Annualised projection based on March data for each year. Includes cash withdrawals, deposits, transfers between individuals' own accounts and other types of transactions. ¹⁰ A study conducted by the Federal Reserve estimated the number of ATM cash withdrawals for 2003. About 60% of these were on-us, meaning they involved only one depository institution.

Sources: Federal Reserve; *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA); Clearing House Interbank Payments System; National Automated Clearing House Association.

Table 8
Indicators of the use of payment instruments and terminals by non-banks: value of transactions
(USD billions, total for the year)

	2000	2001	2002	2003	2004
Transactions per type of payment instrument¹					
Credit transfers	8,895.0	9,961.8	11,155.6	12,531.8	13,977.4
<i>of which:</i>					
<i>paper based</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>	<i>neg</i>
<i>non-paper based (ACH)²</i>	8,895.0	9,961.8	11,155.6	12,531.8	13,977.4
Direct debits (ACH) ³	9,384.9	10,006.3	10,621.6	12,110.3	12,181.9
Card payments ⁴	1,551.2	1,679.4	1,820.3	2,053.2	2,859.2
<i>of which:</i>					
<i>payments by cards with a debit function⁵</i>	310.1	386.3	480.0	588.1	728.9
<i>payments by cards with a credit function⁶</i>	1,241.1	1,293.1	1,340.4	1,465.2	1,606.9
<i>of which:</i>					
<i>payments by retailer cards with a credit function</i>	169.4	169.6	170.7	175.3	174.6
E-money payment transactions ⁷	neg	neg	neg	neg	neg
Cheques ⁸	39,846.9	39,688.6	39,406.0	38,979.0	38,417.5
<i>Memo:</i>					
ATM transactions ⁹	nav	nav	nav	nav	nav
<i>of which:</i>					
<i>ATM cash withdrawals¹⁰</i>	nav	nav	nav	496.7	nav

¹ Includes payments by banks for their own account. ² Includes an estimate of the value of on-us payments. A study conducted by the Federal Reserve estimated that the value of on-us ACH credit payments was USD 1,435 billion in 2003. Other figures are derived from that estimate. ³ Includes an estimate of the value of on-us payments. A study conducted by the Federal Reserve estimated that the value of on-us ACH debit payments was USD 1,983 billion in 2003. Other figures are derived from that estimate. ⁴ Payments made in the United States using cards issued inside and outside the United States. ⁵ Studies conducted by the Federal Reserve estimated that the value of debit card payments were USD 300 billion in 2000 and USD 600 billion in 2003. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. ⁶ Excludes cash advances. Total of Visa, MasterCard, Discover, American Express, Diners Club and retailer cards. Studies conducted by the Federal Reserve estimated that the value of credit card payments were USD 1,300 billion in 2000 and USD 1,700 billion in 2003. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. ⁷ E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments. ⁸ Annualised value of paid cheques including commercial cheques, US Treasury cheques and postal money orders. Studies conducted by the Federal Reserve estimated the value of paid cheques in 1995, 2000 and 2003. Other figures are derived from those estimates. ⁹ Annualised projection based on March data for each year. Includes cash withdrawals, deposits, transfers between individuals' own accounts and other types of transactions. ¹⁰ A study conducted by the Federal Reserve estimated the value of ATM cash withdrawals for 2003. About 62% of these were on-us, meaning they involved only one depository institution.

Sources: Federal Reserve; *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA); Clearing House Interbank Payments System; National Automated Clearing House Association.

Table 9
Payments processed by selected interbank funds transfer systems: volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems¹					
CHIPS ²	59.8	60.4	63.3	64.5	68.5
Fedwire ³	108.3	112.5	115.0	123.3	125.1
Cheque clearings⁴					
Private clearing houses and direct exchanges ⁵	13,233.8	12,496.2	12,065.4	12,018.0	12,590.9
Federal Reserve	17,486.0	17,480.0	17,092.0	16,271.0	14,325.0
Automated clearing houses					
Private ⁶	613.5	754.1	1,486.6	1,777.8	2,597.4
Federal Reserve ⁷	4,579.9	5,292.0	5,188.5	5,753.9	6,527.9
<i>Memo:</i>					
On-us cheques ⁴	11,180.2	10,153.8	9,212.6	8,311.1	7,914.1
On-us ACH ^{6,8}	949.4	1,115.8	1,245.6	1,423.7	1,767.1

¹ Number of originations. ² CHIPS, the Clearing House Interbank Payments System, is operated by CHIPCo, which is owned by the Clearing House (formerly known as the New York Clearing House Association). ³ Fedwire is operated by the Federal Reserve. ⁴ Studies conducted by the Federal Reserve estimated the number of cheques paid in 1995, 2000, and 2003. The number of on-us cheques (processed by only one depository institution) for those years were also estimated. Total paid cheques = Federal Reserve + private clearing houses and direct exchanges + on-us. Figures for other years are derived from those estimates. ⁵ Calculated as total cheque volume less Federal Reserve cheque clearings and on-us cheques. ⁶ Number originated using private ACH operators. Includes transfers sent by private ACH operators to the Federal Reserve for transmission to the receiving depository institution. These transfers amounted to 174.5 million in 2000, 174.7 million in 2001, 796.6 million in 2002, 863.8 million in 2003 and 1,007.3 million in 2004. ⁷ Number originated using the Federal Reserve ACH operator. Includes transfers sent by the Federal Reserve ACH operator to private ACH operators for transmission to the receiving depository institution. These transfers amounted to 524.3 million in 2002, 567.8 million in 2003 and 612.8 million in 2004. ⁸ A study conducted by the Federal Reserve estimated that the number of on-us ACH payments (processed by only one depository institution) was 1,416 billion in 2003. Figures for other years are derived from that estimate.

Sources: Clearing House Interbank Payments System; Federal Reserve; National Automated Clearing House Association.

Table 10
Payments processed by selected interbank funds transfer systems: value of transactions
(USD billions, total for the year)

	2000	2001	2002	2003	2004
Large-value payment systems¹					
CHIPS ²	292,147.1	311,706.6	315,708.5	326,560.6	345,793.3
Fedwire ³	379,756.4	423,606.4	405,761.8	436,706.3	469,898.9
Cheque clearings⁴					
Private clearing houses and direct exchanges ⁵	10,055.1	10,005.5	10,664.4	10,926.4	11,915.0
Federal Reserve	14,161.9	15,217.4	15,371.1	15,768.9	14,594.4
Automated clearing houses					
Private ⁶	1,260.4	1,439.1	4,634.8	6,000.1	8,457.7
Federal Reserve ⁷	14,071.8	15,321.9	13,660.0	14,696.7	13,548.7
<i>Memo:</i>					
On-us cheques ⁴	15,629.9	14,465.7	13,370.5	12,283.7	11,908.0
On-us ACH ^{6,8}	2,947.7	3,207.1	3,482.4	3,945.3	4,153.0

¹ Number of originations. ² CHIPS, the Clearing House Interbank Payments System, is operated by CHIPCo, which is owned by the Clearing House (formerly known as the New York Clearing House Association). ³ Fedwire is operated by the Federal Reserve. ⁴ Studies conducted by the Federal Reserve estimated the value of cheques paid in 2000 and 2003. The value of on-us cheques (processed by only one depository institution) for those years were also estimated. Total paid cheques = Federal Reserve + private clearing houses and direct exchanges + on-us. Figures for other years are derived from those estimates. ⁵ Calculated as total cheque value less value of Federal Reserve cheque clearing and value of on-us cheques. ⁶ Value originated using private ACH operators. Includes transfers sent by private ACH operators to the Federal Reserve for transmission to the receiving depository institution. These transfers amounted to USD 2,239.8 billion in 2002, USD 2,119.0 billion in 2003 and USD 2,202.3 billion in 2004. ⁷ Value originated using the Federal Reserve ACH operator. Includes transfers sent by the Federal Reserve ACH operator to private ACH operators for transmission to the receiving depository institution. These transfers amounted to USD 2,088.8 billion in 2002, USD 1,965.2 billion in 2003 and USD 1,408.3 billion in 2004. ⁸ A study conducted by the Federal Reserve estimated that the value of on-us ACH payments (processed by only one depository institution) was USD 24,600.0 billion in 2000 and USD 37,300.0 billion in 2003. Figures for other years are derived from those estimates.

Sources: Clearing House Interbank Payments System; Federal Reserve; National Automated Clearing House Association.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems:
volume of transactions
(millions, total for the year)

	2000	2001	2002	2003	2004
Securities settlement systems					
Federal Reserve					
<i>Government securities</i> ¹	13.6	15.0	17.4	20.4	20.2
Depository Trust Company					
<i>Corporate and municipal securities</i> ²	230.3	220.1	224.3	225.2	243.1

¹ US Treasury and agency securities transfers processed through the Federal Reserve's National Book-Entry System. Data exclude reversals (ie securities sent in error and returned to sender). ² Corporate equity and debt securities, municipal securities and money market instrument deliveries processed by the Depository Trust Company's next day and same day funds settlement systems.

Sources: Federal Reserve; Depository Trust Company.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems:
value of transactions
(billions of USD, total for the year)

	2000	2001	2002	2003	2004
Securities settlement systems					
Federal Reserve					
<i>Government securities</i> ¹	188,130	212,340	228,910	267,640	313,430
Depository Trust Company					
<i>Corporate and municipal securities</i> ²	116,400	120,200	103,600	105,700	118,800

¹ US Treasury and agency securities transfers processed through the Federal Reserve's National Book-Entry System. Data exclude reversals (ie securities sent in error and returned to sender). ² Corporate equity and debt securities, municipal securities and money market instrument deliveries processed by the Depository Trust Company's next day and same day funds settlement systems.

Sources: Federal Reserve; Depository Trust Company.

Table 11c
Number of participants in trading platforms, clearing houses and securities settlement systems
(end of year)

	2000	2001	2002	2003	2004
Securities settlement systems					
Federal Reserve ¹	1,834	1,888	1,793	1,667	1,547
Depository Trust Company	418	475	474	436	362

¹ Number of depository institutions that used the Federal Reserve's Fedwire Securities Service in the respective years. Other Fedwire participants not included in this calculation are: the US Treasury and any entity specifically authorised by federal statute to use the Reserve Banks as fiscal agents or depositories; entities designated by the Secretary of the Treasury; foreign central banks, foreign monetary authorities, foreign governments and certain international organisations.

Sources: Federal Reserve; Depository Trust Company.

Table 11d
Outstanding securities¹
(end of year)

	2000	2001	2002	2003	2004
Trading platforms					
New York Stock Exchange					
Value of securities listed (USD billions)	14,497.1	13,367.2	10,981.6	13,512.7	14,807.9
<i>of which:</i>					
<i>value of stocks listed</i>	12,372.3	11,713.7	9,603.3	12,157.9	13,728.4
<i>value of bonds listed²</i>	2,124.8	1,653.5	1,378.3	1,354.8	1,079.5
Number of securities listed	4,699	4,431	4,282	4,211	4,069
<i>of which:</i>					
<i>number of stocks listed</i>	3,072	2,984	2,959	2,938	3,010
<i>number of bonds listed</i>	1,627	1,447	1,323	1,273	1,059
Nasdaq³					
Value of securities listed (USD billions)	3,597.1	3,615.0	1,997.6	2,988.3	3,272.3
Number of securities listed	5,141.0	4,430.0	3,947.0	3,583.0	3,498.0
American Stock Exchange					
Value of securities listed (USD billions)	124.9	103.1	98.5	176.2	191.0
Number of securities listed ⁴	1,033.0	1,088.0	1,153.0	1,193.0	1,273.0
Securities settlement systems					
Federal debt (USD billions)					
<i>of which:</i>					
<i>Treasury securities</i>	5,674.2	5,807.5	6,228.2	6,783.3	7,379.1
<i>other government agency securities</i>	27.7	27.0	26.9	26.0	24.2

¹ The primary securities exchanges in the United States are the New York Stock Exchange, the Nasdaq Stock Market (Nasdaq), the American Stock Exchange, the Boston Stock Exchange, the Chicago Stock Exchange, the Pacific Stock Exchange and the Philadelphia Stock Exchange. ² Par (face) value of bonds listed. ³ Over-the-counter market. ⁴ Excludes Treasury securities.
Sources: American Stock Exchange, Inc; New York Stock Exchange, Inc; The Nasdaq Stock Market, Inc; US Treasury.

Table 12
Participation in SWIFT by domestic institutions
(end of year)

	2000	2001	2002	2003	2004
Members	99	96	91	114	113
<i>of which: live</i>	97	94	90	113	111
Sub-members	320	327	316	290	278
<i>of which: live</i>	304	304	301	285	273
Participants	219	207	219	193	198
<i>of which: live</i>	212	198	215	183	190
Total users	638	630	626	597	589
<i>of which: live</i>	613	596	606	581	574
<i>Memo:</i>					
Total SWIFT users	7,293	7,457	7,465	7,654	7,667
<i>members</i>	2,307	2,265	2,203	2,327	2,280
<i>sub-members</i>	3,037	3,143	3,079	3,083	3,019
<i>participants</i>	1,949	2,049	2,183	2,244	2,368

Source: SWIFT.

Table 13
SWIFT message flows to/from domestic users
(thousands, total for the year)

	2000	2001	2002	2003	2004
Total messages sent	223,175	253,017	286,457	331,729	383,097
<i>of which:</i>					
<i>category I</i>	40,186	44,183	47,548	52,445	60,446
<i>category II</i>	25,705	23,998	23,952	24,882	27,149
Total messages received	245,542	277,983	312,733	366,198	427,163
<i>of which:</i>					
<i>category I</i>	44,321	47,400	49,755	53,781	62,004
<i>category II</i>	61,891	61,984	62,021	63,455	66,631
Domestic traffic	55,384	67,346	84,877	115,980	145,033
<i>Memo:</i>					
Global SWIFT traffic	1,298,668	1,533,906	1,817,444	2,047,564	2,299,074

Note: SWIFT sent-traffic data has been restated; see also the Statistical methodology for the country tables, page 223.

Source: SWIFT.

Comparative tables

Table 1**Basic statistical data**

	GDP (USD billions) ¹					Population (millions, yearly average)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	232	232	252	310	358	10.2	10.3	10.3	10.4	10.4
Canada	725	715	735	869	992	30.7	31.0	31.4	31.7	32.0
France	1,327	1,340	1,460	1,790	2,048	60.7	61.0	61.4	61.8	62.2
Germany	1,899	1,891	2,022	2,442	2,753	82.2	82.3	82.5	82.5	82.5
Hong Kong SAR	169	167	164	158	166	6.7	6.7	6.8	6.8	6.9
Italy	1,074	1,090	1,188	1,469	1,679	57.8	57.9	58.0	58.1	58.3
Japan	4,649	4,088	3,907	4,231	4,585	126.9	127.3	127.4	127.6	127.7
Netherlands	370	401	439	538	607	15.9	16.0	16.1	16.2	16.3
Singapore	93	86	88	92	107	4.0	4.1	4.2	4.2	4.2
Sweden	239	219	242	302	346	8.9	8.9	8.9	9.0	9.0
Switzerland	246	250	277	323	359	7.2	7.3	7.3	7.4	7.5
United Kingdom	1,442	1,435	1,573	1,806	2,134	58.6	59.1	59.3	59.6	59.8
United States	9,817	10,128	10,487	11,004	11,735	282.4	285.3	288.2	291.0	293.9
CPSS¹	22,283	22,042	22,834	25,333	27,868	752.2	757.4	761.9	766.3	770.6

Table 1 (cont)

	GDP per capita (USD) ¹					CPI inflation (per cent, yearly average)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	22,626	22,533	24,416	29,881	34,356	2.68	2.44	1.55	1.51	1.86
Canada	23,609	23,050	23,433	27,426	31,029	2.73	2.53	2.25	2.77	1.83
France	21,879	21,947	23,763	28,957	32,937	1.83	1.78	1.94	2.17	2.34
Germany	23,110	22,965	24,513	29,597	33,366	1.39	1.90	1.35	1.05	1.79
Hong Kong SAR	25,320	24,764	24,121	23,278	24,081	-3.75	-1.60	-3.04	-2.58	-0.03
Italy	18,598	18,824	20,477	25,264	28,820	2.60	2.65	2.59	2.83	2.24
Japan	36,628	32,113	30,661	33,156	35,911	-0.67	-0.73	-0.92	-0.25	-0.01
Netherlands	23,268	24,974	27,157	33,146	37,233	2.34	5.11	3.87	2.24	1.38
Singapore	23,041	20,776	21,207	22,071	25,193	1.35	1.02	-0.39	0.49	1.67
Sweden	26,976	24,661	27,124	33,671	38,492	1.31	2.69	1.96	2.31	1.04
Switzerland	34,135	34,385	37,691	43,622	48,172	1.54	0.99	0.63	0.64	0.81
United Kingdom	24,585	24,298	26,518	30,318	35,658	0.80	1.22	1.27	1.36	1.34
United States	34,763	35,496	36,391	37,811	39,928	3.38	2.83	1.59	2.27	2.68
CPSS¹	29,622	29,102	29,968	33,060	36,163	2.04	1.98	1.32	1.99	2.48

Table 1 (cont)

	Exchange rate to the USD (yearly average)					Exchange rate to the USD (end of year)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1.0859	1.1175	1.0609	0.8858	0.8049	1.0747	1.1347	0.9536	0.7918	0.7342
Canada	1.4855	1.5489	1.5702	1.4004	1.3012	1.4995	1.5928	1.5776	1.2965	1.2020
France	1.0859	1.1175	1.0609	0.8858	0.8049	1.0747	1.1347	0.9536	0.7918	0.7342
Germany	1.0859	1.1175	1.0609	0.8858	0.8049	1.0747	1.1347	0.9536	0.7918	0.7342
Hong Kong SAR	7.7910	7.7990	7.7990	7.7870	7.7880	7.7960	7.7970	7.7980	7.7630	7.7740
Italy	1.0859	1.1175	1.0609	0.8858	0.8049	1.0747	1.1347	0.9536	0.7918	0.7342
Japan	107.78	121.53	125.31	115.93	108.18	114.90	131.47	119.37	106.97	103.78
Netherlands	1.0859	1.1175	1.0609	0.8858	0.8049	1.0747	1.1347	0.9536	0.7918	0.7342
Singapore	1.7239	1.7917	1.7906	1.7422	1.6903	1.7315	1.8510	1.7365	1.7008	1.6338
Sweden	9.1713	10.3432	9.7194	8.0838	7.3453	9.4909	10.5540	8.7278	7.1892	6.6226
Switzerland	1.6886	1.6866	1.5556	1.3453	1.2419	1.6353	1.6782	1.4410	1.2664	1.1453
United Kingdom	0.6614	0.6947	0.6665	0.6125	0.5460	0.6707	0.6905	0.6203	0.5580	0.5176
United States	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
CPSS	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 2**Banknotes and coin in circulation***(end of year)*

	Total value (USD billions) ¹					Value per inhabitant (USD) ¹				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	13.1	8.5	nap	nap	nap	1,278	827	nap	nap	nap
Canada	27.0	26.8	28.7	35.8	40.4	880	864	914	1,129	1,263
France	45.4	30.1	nap	nap	nap	748	494	nap	nap	nap
Germany	132.3	73.1	nap	nap	nap	1,610	887	nap	nap	nap
Hong Kong SAR	13.5	14.5	15.9	18.1	19.7	2,020	2,155	2,346	2,656	2,858
Italy	71.2	58.5	nap	nap	nap	1,232	1,009	nap	nap	nap
Japan	588.5	557.5	668.8	760.3	794.5	4,637	4,380	5,248	5,958	6,222
Netherlands	17.4	10.0	nap	nap	nap	1,095	626	nap	nap	nap
Singapore	7.4	7.1	7.8	8.3	9.2	1,836	1,713	1,868	1,973	2,179
Sweden	10.3	10.1	12.3	15.2	16.4	1,160	1,141	1,373	1,692	1,828
Switzerland	23.1	25.1	29.1	33.9	36.8	3,205	3,449	3,964	4,578	4,936
United Kingdom	45.9	47.8	56.9	67.7	76.8	783	809	959	1,137	1,283
United States	593.9	643.3	687.5	724.2	754.9	2,103	2,255	2,386	2,488	2,568
Euro area	nap	nap	412.1	569.0	704.6	nap	nap	1,339	1,837	2,261
CPSS excl euro area countries¹	1,309.5	1,332.3	1,507.0	1,663.3	1,748.6	2,492	2,515	2,825	3,096	3,232
CPSS incl Euro area¹	nap	nap	1,919.1	2,232.4	2,453.2	nap	nap	2,281	2,636	2,877

Table 2 (cont)

	Value as a percentage of GDP					Value as a percentage of narrow money				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.6	3.7	nap	nap	nap	19.9	14.0	nap	nap	nap
Canada	3.8	3.9	3.9	3.8	3.8	15.8	14.8	14.7	14.2	13.6
France	3.4	2.3	nap	nap	nap	12.8	8.4	nap	nap	nap
Germany	6.9	3.9	nap	nap	nap	24.7	13.8	nap	nap	nap
Hong Kong SAR	8.0	8.7	9.7	11.4	11.8	51.5	49.2	47.9	39.5	37.1
Italy	6.6	5.4	nap	nap	nap	15.6	12.6	nap	nap	nap
Japan	13.5	14.8	16.3	16.6	16.6	27.3	26.0	22.9	22.4	21.8
Netherlands	4.7	2.5	nap	nap	nap	12.6	7.1	nap	nap	nap
Singapore	8.0	8.5	8.5	8.7	8.4	38.4	36.3	37.8	36.3	34.2
Sweden	4.4	4.7	4.5	4.5	4.3	13.1	13.4	13.0	12.6	11.6
Switzerland	9.1	10.0	9.7	9.9	9.4	18.6	19.2	17.4	14.8	15.3
United Kingdom	3.2	3.3	3.4	3.4	3.4	5.1	5.1	5.0	4.9	4.7
United States	6.0	6.4	6.6	6.6	6.4	53.4	53.2	55.2	54.4	53.9
Euro area	nap	nap	6.1	6.8	7.4	nap	nap	17.5	18.5	19.2
CPSS excl euro area countries¹	7.5	7.8	8.6	8.9	8.6	21.4	21.2	26.0	24.5	23.5
CPSS incl Euro area¹	nap	nap	7.9	8.2	8.2	nap	nap	23.5	22.6	22.1

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at end-of-year exchange rates.CPSS excl euro area countries/incl Euro area: ¹ Sum or average excluding those countries for which data are not available.

Table 3**Transferable deposits held by banks***(average for December or average of last reserve maintenance period)¹*

	Transferable balances held at the central bank									
	Total value (USD billions) ²					Value as a percentage of GDP				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6.83	6.75	7.68	9.59	11.35	2.9	3.0	2.7	2.8	2.9
Canada	0.35	0.32	0.41	0.11	0.08	0.0	0.0	0.1	0.0	0.0
France	19.26	20.36	24.02	29.43	34.05	1.4	1.5	1.5	1.5	1.5
Germany	33.40	34.60	40.64	47.91	51.08	1.7	1.9	1.8	1.8	1.7
Hong Kong SAR ¹	0.09	0.09	0.07	3.64	2.03	0.1	0.1	0.0	2.3	1.2
Italy	11.47	11.54	14.22	18.38	20.64	1.1	1.1	1.1	1.1	1.1
Japan	36.87	82.56	151.56	231.57	261.15	0.8	2.2	3.7	5.0	5.5
Netherlands	11.36	nav	14.48	17.33	18.74	3.0	nav	3.0	2.9	2.8
Singapore	3.29	3.77	3.72	3.88	4.15	3.6	4.5	4.1	4.1	3.8
Sweden ¹	0.01	0.00	0.01	0.08	0.09	0.0	0.0	0.0	0.0	0.0
Switzerland	2.08	2.03	2.08	4.34	4.71	0.8	0.8	0.7	1.3	1.2
United Kingdom	2.33	2.47	2.98	3.52	3.99	0.2	0.2	0.2	0.2	0.2
United States	13.53	17.79	20.90	22.62	21.45	0.1	0.2	0.2	0.2	0.2
CPSS¹	140.86	182.27	282.76	392.39	433.52	0.6	0.8	1.2	1.5	1.6

Table 3 (cont)

	Transferable balances held at other banks									
	Total value (USD billions) ²					Value as a percentage of GDP				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	9.17	10.51	8.15	18.50	23.47	3.9	4.6	2.9	5.3	6.0
Canada	4.46	3.26	3.27	4.73	5.95	0.6	0.5	0.4	0.5	0.6
France ¹	231.65	210.79	235.91	266.90	319.06	17.3	16.0	14.5	13.3	14.2
Germany	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Hong Kong SAR	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Italy ¹	90.50	74.20	129.88	134.25	125.45	8.3	6.9	9.8	8.2	6.8
Japan ¹	37.81	58.19	73.84	88.18	87.49	0.9	1.4	1.8	2.0	2.0
Netherlands ¹	49.67	26.90	36.22	40.13	53.40	13.3	6.8	7.4	6.7	8.0
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden ¹	7.87	11.46	10.11	8.55	12.01	3.4	5.3	3.7	2.5	3.1
Switzerland ¹	30.76	27.41	27.76	52.35	62.95	12.1	10.9	9.3	15.3	16.2
United Kingdom	381.50	430.96	582.95	731.22	960.40	26.8	29.9	34.5	36.9	42.7
United States ¹	32.06	34.79	35.70	35.32	28.14	0.3	0.3	0.3	0.3	0.2
CPSS¹	875.44	888.47	1,143.79	1,380.13	1,678.32	4.4	4.5	5.5	6.0	6.5

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted. ² Converted at end-of-year exchange rates, except as noted.France: ¹ Fourth quarter.Hong Kong: ¹ End of year.Italy: ¹ End of year.Japan: ¹ For 2000, at end-December; thereafter, balances at end-September, converted at end-September exchange rates.Netherlands: ¹ Prior to 2003, at end of year. Thereafter, average of last working day in November and December.Sweden: ¹ End of year.Switzerland: ¹ End of year.United States: ¹ End of year.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 4
Institutions offering payment services to non-banks
 (end of year)¹

	Number of institutions									
	Total number					Number per 1 million inhabitants				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	120	114	113	110	106	11.7	11.1	10.9	10.6	10.2
Canada	1,918	1,700	1,517	1,405	1,295	62.5	54.8	48.4	44.4	40.5
France	1,102	1,053	992	941	899	18.2	17.2	16.1	15.2	14.5
Germany	2,742	2,527	2,364	2,226	2,149	33.4	30.7	28.7	27.0	26.0
Hong Kong SAR	407	389	350	343	333	61.1	57.8	51.6	50.4	48.4
Italy	852	844	828	802	791	14.8	14.6	14.3	13.8	13.6
Japan ¹	2,832	2,493	2,208	2,027	1,937	22.3	19.6	17.3	15.9	15.2
Netherlands	179	168	149	154	155	11.2	10.5	9.2	9.5	9.5
Singapore	218	203	183	176	170	54.3	49.1	43.9	42.1	40.1
Sweden	124	130	128	126	128	14.0	14.6	14.3	14.1	14.2
Switzerland	337	329	318	303	301	46.7	45.2	43.3	40.9	40.4
United Kingdom	747	713	646	611	584	12.7	12.1	10.9	10.3	9.8
United States	20,674	20,018	19,425	18,929	18,354	73.2	70.2	67.4	65.0	62.4
CPSS¹	32,252	30,681	29,221	28,153	27,202	42.9	40.5	38.4	36.7	35.3

Table 4 (cont)

	Number of branches or offices									
	Total number					Number per 1 million inhabitants				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	8,092	7,639	7,052	6,536	6,160	789.8	743.0	682.7	630.0	591.3
Canada	13,699	14,314	14,249	14,424	14,199	446.2	461.2	454.2	455.5	444.3
France	46,361	41,487	37,465	39,562	40,003	764.2	679.6	609.9	640.2	643.4
Germany	59,828	56,833	53,392	49,630	47,648	727.9	690.2	647.3	601.4	577.5
Hong Kong SAR	2,409	2,100	1,964	1,846	1,763	361.4	312.3	289.4	271.3	256.2
Italy	42,138	43,100	43,827	44,771	44,870	729.5	744.0	755.3	770.2	770.2
Japan ¹	64,230	62,950	61,058	59,686	58,618	506.0	494.5	479.1	467.7	459.1
Netherlands	6,266	5,592	4,918	4,529	4,118	393.5	348.6	304.6	279.2	252.6
Singapore	703	623	565	517	489	175.0	150.8	135.5	123.5	115.3
Sweden	3,307	3,272	3,038	2,862	2,613	372.7	367.8	340.4	319.5	290.5
Switzerland	6,242	5,998	5,653	5,406	5,223	865.9	823.3	769.8	730.0	700.7
United Kingdom	33,453	32,529	32,085	31,520	29,977	570.4	550.9	540.9	529.3	501.0
United States	78,353	82,951	84,840	104,949	106,360	277.5	290.7	294.4	360.6	361.9
CPSS¹	365,081	359,388	350,106	366,238	362,041	485.3	474.5	459.5	477.9	469.8

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted.

Japan: ¹ End-March of the following year.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 5
Transferable deposits held by non-banks
*(end of year)*¹

	Number of deposit accounts									
	Total number of accounts (<i>thousands</i>)					Number of accounts per inhabitant				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	12,230	12,536	12,697	12,983	12,679	1.19	1.22	1.23	1.25	1.22
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	66,745	68,090	68,294	68,752	69,749	1.10	1.12	1.11	1.11	1.12
Germany	88,533	88,925	87,906	84,356	85,163	1.08	1.08	1.07	1.02	1.03
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ¹	32,807	34,482	35,745	35,824	36,052	0.57	0.60	0.62	0.62	0.62
Japan ¹	532,698	536,001	537,060	536,403	532,658	4.20	4.21	4.21	4.20	4.17
Netherlands	22,100	22,600	20,800	22,800	22,900	1.39	1.41	1.29	1.41	1.40
Singapore	140	133	120	117	115	0.03	0.03	0.03	0.03	0.03
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	159,142	157,488	157,579	141,902	142,216	2.71	2.67	2.66	2.38	2.38
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	914,395	920,256	920,201	903,138	901,532	2.20	2.20	2.19	2.15	2.14

Table 5 (cont)

	Value of deposit accounts									
	Total value (<i>USD billions</i>) ²					Value per inhabitant (<i>USD</i>) ²				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	65	68	81	110	128	6,301	6,598	7,844	10,587	12,294
Canada	148	158	170	220	260	4,827	5,098	5,424	6,933	8,146
France	316	334	397	488	557	5,214	5,468	6,470	7,898	8,959
Germany	446	495	639	829	931	5,428	6,009	7,752	10,052	11,291
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ¹	401	423	547	683	781	6,937	7,299	9,429	11,757	13,413
Japan ¹	1,882	2,194	2,833	3,235	3,503	14,831	17,234	22,231	25,350	27,436
Netherlands	215	238	303	408	469	13,522	14,861	18,778	25,137	28,771
Singapore	110	108	113	121	134	27,405	26,177	27,124	28,992	31,561
Sweden	118	113	143	180	209	13,265	12,646	15,986	20,113	23,216
Switzerland	60	64	84	132	137	8,321	8,818	11,407	17,808	18,414
United Kingdom	2,908	3,119	4,146	5,031	6,047	49,595	52,816	69,898	84,475	101,065
United States	793	873	847	877	914	2,808	3,059	2,939	3,014	3,108
CPSS¹	7,463	8,186	10,305	12,315	14,071	10,010	10,906	13,646	16,215	18,424

Table 5 (cont)

	Value of deposit accounts as a percentage of GDP				
	2000	2001	2002	2003	2004
Belgium	27.6	29.7	28.9	31.7	32.6
Canada	20.6	22.7	23.3	23.4	24.3
France	23.6	25.3	24.5	24.4	24.8
Germany	23.2	26.6	28.4	30.4	30.9
Hong Kong SAR	nav	nav	nav	nav	nav
Italy ¹	36.9	39.4	41.4	41.6	42.5
Japan ¹	45.5	57.9	68.6	71.6	74.4
Netherlands	57.5	60.4	62.2	67.8	70.5
Singapore	119.5	130.2	124.0	128.2	121.1
Sweden	50.9	52.3	52.9	53.1	54.4
Switzerland	23.6	25.5	28.0	38.4	35.3
United Kingdom	204.6	216.1	245.3	253.8	268.7
United States	8.1	8.6	8.1	8.0	7.8
CPSS¹	33.7	37.4	45.5	48.9	50.8

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted. ² Converted at end-of-year exchange rates, except as noted.

Italy: ¹ Only deposits held at banks.

Japan: ¹ March of the following year. Values are converted at March (following year) exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 6
Payment transactions by non-banks: Total number of transactions
(total for the year)

	Total number of transactions (millions)					Increase in the number of transactions (%)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1,391	1,543	1,704	1,659	1,787	0.8	10.9	10.4	-2.7	7.7
Canada	5,899	6,269	6,585	6,961	7,342	8.5	6.3	5.0	5.7	5.5
France	11,980	12,366	13,347	13,692	14,071	5.9	3.2	7.9	2.6	2.8
Germany	12,209	12,521	12,157	13,568	14,786	5.8	2.6	-2.9	11.6	9.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	2,064	3,018	3,129	3,233	3,429	10.4	46.2	3.7	3.3	6.1
Japan ¹	3,491	3,738	3,778	3,934	4,551	17.8	7.1	1.1	4.1	15.7
Netherlands	2,894	3,141	3,409	3,582	3,738	7.9	8.5	8.5	5.1	4.4
Singapore	309	326	947	1,801	1,876	11.7	5.6	190.2	90.1	4.2
Sweden	1,212	1,269	1,146	1,307	1,485	5.9	4.7	-9.6	14.0	13.6
Switzerland	883	877	939	983	1,021	nav	-0.6	7.0	4.8	3.9
United Kingdom	10,344	10,908	11,372	12,077	12,919	4.3	5.5	4.3	6.2	7.0
United States	72,209	74,565	77,212	79,772	84,528	3.7	3.3	3.6	3.3	6.0
CPSS¹	124,886	130,540	135,726	142,570	151,533	5.7	4.5	4.0	5.0	6.3

Table 6 (cont)

	Number per inhabitant					Number per deposit account held by non-banks				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	136	150	165	160	172	114	123	134	128	141
Canada	192	202	210	220	230	nav	nav	nav	nav	nav
France	197	203	217	222	226	179	182	195	199	202
Germany	149	152	147	164	179	138	141	138	161	174
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	36	52	54	56	59	63	88	88	90	95
Japan	28	29	30	31	36	7	7	7	7	9
Netherlands	182	196	211	221	229	131	139	164	157	163
Singapore	77	79	227	430	442	2,208	2,454	7,893	15,391	16,311
Sweden	137	143	128	146	165	nav	nav	nav	nav	nav
Switzerland	122	120	128	133	137	nav	nav	nav	nav	nav
United Kingdom	176	185	192	203	216	65	69	72	85	91
United States	256	261	268	274	288	nav	nav	nav	nav	nav
CPSS¹	168	174	180	188	198	49	52	54	59	63

Note: Please refer to the individual country tables for a detailed explanation.

Japan: ¹ For credit transfers, total transactions during the fiscal year ending March of the following year.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7**Use of payment instruments by non-banks: Number of transactions per payment instrument***(millions, total for the year)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	510.9	578.7	662.5	636.5	692.7	166.2	176.9	168.8	192.4	211.4
Canada	565.3	634.8	652.9	723.1	793.5	444.4	488.5	520.4	560.6	590.0
France	2,093.6	2,175.5	2,564.2	2,587.5	2,599.2	1,968.6	2,063.5	2,183.8	2,353.2	2,542.7
Germany	5,585.0	5,688.5	5,552.5	5,839.0	6,241.7	4,766.2	4,834.4	4,554.3	5,541.7	6,156.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	319.7	1,046.5	989.1	1,018.4	1,048.8	326.4	361.9	401.5	414.4	453.2
Japan ¹	1,216.8	1,262.4	1,285.3	1,302.8	1,330.5	nav	nav	nav	nav	nav
Netherlands	1,170.4	1,226.6	1,260.5	1,271.4	1,264.2	836.2	876.1	947.0	1,000.8	1,051.3
Singapore	14.6	16.8	17.7	19.9	21.8	17.3	19.0	30.3	44.7	47.5
Sweden	792.9	764.3	435.5	417.6	462.0	91.0	98.2	119.4	130.1	143.0
Switzerland	545.2	503.2	537.7	564.2	585.9	46.1	47.6	50.0	51.2	51.5
United Kingdom	1,845.3	1,932.3	2,009.4	2,211.5	2,600.7	2,009.7	2,152.1	2,288.6	2,429.9	2,589.9
United States	3,775.2	4,232.0	4,458.5	4,746.7	5,096.2	2,367.5	2,929.9	3,462.2	4,208.6	5,796.1
CPSS¹	18,434.9	20,061.6	20,426.0	21,338.5	22,737.4	13,039.6	14,048.0	14,726.4	16,927.5	19,633.3

Table 7 (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	70.7	60.1	28.9	23.7	19.1	51.3	60.5	120.8	107.1	106.9
Canada	1,658.2	1,589.0	1,515.0	1,449.8	1,377.6	nav	nav	nav	nav	nav
France	4,493.7	4,338.6	4,349.5	4,261.5	4,133.8	nav	2.8	18.4	18.1	16.0
Germany	393.3	319.8	149.7	133.3	112.7	26.6	29.4	35.9	37.4	38.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	565.1	583.9	538.2	505.8	487.2	nav	nav	1.0	2.7	14.8
Japan	225.9	208.9	187.1	172.0	159.2	nav	nav	nav	nav	nav
Netherlands	14.2	5.3	0.1	0.0	0.0	25.3	30.9	87.0	109.2	127.3
Singapore	91.7	92.0	90.7	87.6	86.8	100.1	102.2	702.1	1,535.9	1,598.2
Sweden	2.0	1.7	1.5	nav	nav	2.9	1.5	0.7	0.2	nav
Switzerland	11.2	7.2	4.5	3.5	2.7	18.0	19.8	20.0	19.3	19.0
United Kingdom	2,701.0	2,567.0	2,393.0	2,251.0	2,089.0	nav	nav	nav	nav	nav
United States	41,900.0	40,130.0	38,370.0	36,600.0	34,830.0	neg	neg	neg	neg	neg
CPSS¹	52,126.9	49,903.5	47,628.1	45,488.1	43,298.1	224.2	247.0	985.9	1,829.8	1,920.4

Note: Please refer to the individual country tables for a detailed explanation.

Japan: ¹ For credit transfers, total transactions during the fiscal year ending March of the following year.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	445.6	502.2	577.3	614.5	671.3	379.9	432.8	506.8	544.1	597.3
Canada	3,230.9	3,556.6	3,897.0	4,228.0	4,581.0	1,960.1	2,236.6	2,404.0	2,590.0	2,819.2
France ¹	3,292.4	3,670.7	4,095.6	4,341.5	4,650.0	nav	nav	nav	nav	nav
Germany	1,437.9	1,649.0	1,864.3	2,016.5	2,236.4	1,133.9	1,334.1	1,535.8	1,670.3	1,869.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	590.2	747.8	910.4	984.7	1,105.6	317.9	433.4	552.0	610.7	672.0
Japan	2,048.8	2,266.4	2,305.3	2,459.5	3,061.2	3.2	6.2	8.3	9.5	10.9
Netherlands	848.3	1,001.9	1,114.1	1,201.2	1,295.6	801.5	954.4	1,068.6	1,157.1	1,247.1
Singapore	85.5	96.5	106.3	112.7	121.5	85.5	96.5	106.3	112.7	121.5
Sweden	323.2	402.8	589.3	759.3	880.3	255.9	326.5	509.1	670.3	778.2
Switzerland	262.2	299.4	326.3	345.0	362.1	171.3	201.1	225.6	244.6	259.5
United Kingdom	3,788.0	4,257.0	4,681.0	5,185.0	5,639.0	2,337.0	2,696.0	2,994.0	3,364.0	3,690.0
United States	24,166.6	27,272.7	30,921.2	34,217.1	38,805.8	8,313.0	10,524.0	13,390.4	16,197.8	19,680.0
CPSS¹	40,519.7	45,723.2	51,388.2	56,464.9	63,409.8	15,759.1	19,241.6	23,300.8	27,171.0	31,744.8

Table 7 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	65.7	69.4	70.5	70.4	74.0	nav	nav	nav	nav	nav
Canada ¹	nav	nav	nav	nav	nav	1,270.8	1,320.0	1,493.0	1,638.0	1,761.8
France ¹	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany ¹	304.0	314.8	328.6	346.2	367.3	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ¹	nav	nav	nav	nav	nav	272.3	314.4	358.4	374.0	433.6
Japan ¹	nav	nav	nav	nav	nav	2,046	2,260	2,297	2,450	3,050
Netherlands ¹	46.8	47.5	45.6	44.1	48.5	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	46.7	49.9	50.7	64.3	71.7	20.7	26.4	29.5	24.7	30.4
Switzerland ¹	nav	nav	nav	nav	nav	90.9	98.3	100.7	100.4	102.6
United Kingdom	187.0	220.0	216.0	224.0	222.0	1,264.0	1,341.0	1,471.0	1,597.0	1,727.0
United States	nav	nav	nav	nav	nav	15,853.7	16,748.7	17,530.8	18,019.3	19,125.8
CPSS¹	650.2	701.7	711.3	749.0	783.6	20,817.9	22,109.2	23,280.5	24,203.4	26,231.4

Note: Please refer to the individual country tables for a detailed explanation.

Canada: ¹ For cards with a credit function, includes charge cards.

France: ¹ A breakdown by types of function is not available.

Germany: ¹ For cards with a delayed debit function, includes cards with a credit function.

Italy: ¹ For cards with a credit function, includes cards with a delayed debit function.

Japan: ¹ For cards with a credit function, includes cards with a delayed debit function.

Netherlands: ¹ For cards with a delayed debit function, includes cards with a credit function.

Switzerland: ¹ For cards with a credit function, includes cards with a delayed debit function.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7a**Use of payment instruments by non-banks: Relative importance of payment instruments, in number of transactions***(% of total number of transactions)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	41.0	42.0	42.5	40.4	40.7	13.4	12.8	10.8	12.2	12.4
Canada	9.6	10.1	9.9	10.4	10.8	7.5	7.8	7.9	8.1	8.0
France	17.7	17.8	19.4	19.1	18.6	16.6	16.8	16.5	17.4	18.2
Germany	45.7	45.4	45.7	43.0	42.2	39.0	38.6	37.5	40.8	41.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	17.7	38.2	34.8	34.8	33.7	18.1	13.2	14.1	14.2	14.6
Japan	34.9	33.8	34.0	33.1	29.2	nav	nav	nav	nav	nav
Netherlands	40.4	39.1	37.0	35.5	33.8	28.9	27.9	27.8	27.9	28.1
Singapore	4.7	5.1	1.9	1.1	1.2	5.6	5.8	3.2	2.5	2.5
Sweden	65.4	60.3	38.0	31.9	31.1	7.5	7.7	10.4	10.0	9.6
Switzerland	61.8	57.4	57.3	57.4	57.4	5.2	5.4	5.3	5.2	5.0
United Kingdom	17.8	17.7	17.7	18.3	20.1	19.4	19.7	20.1	20.1	20.0
United States	5.2	5.7	5.8	6.0	6.0	3.3	3.9	4.5	5.3	6.9
CPSS¹	14.8	15.4	15.1	15.0	15.1	10.5	10.8	10.9	11.9	13.0

Table 7a (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.7	4.4	1.9	1.5	1.1	4.1	4.4	7.8	6.8	6.3
Canada	28.1	25.3	23.0	20.8	18.8	nav	nav	nav	nav	nav
France	37.9	35.4	32.9	31.4	29.7	nav	nav	0.1	0.1	0.1
Germany	3.2	2.6	1.2	1.0	0.8	0.2	0.2	0.3	0.3	0.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	31.4	21.3	18.9	17.3	15.7	nav	nav	0.0	0.1	0.5
Japan	6.5	5.6	5.0	4.4	3.5	nav	nav	nav	nav	nav
Netherlands	0.5	0.2	0.0	0.0	0.0	0.9	1.0	2.6	3.0	3.4
Singapore	29.6	28.2	9.6	4.9	4.6	32.4	31.3	74.1	85.3	85.2
Sweden	0.2	0.1	0.1	nav	nav	0.2	0.1	0.1	0.0	nav
Switzerland	1.3	0.8	0.5	0.4	0.3	2.0	2.3	2.1	2.0	1.9
United Kingdom	26.1	23.5	21.0	18.6	16.2	nav	nav	nav	nav	nav
United States	58.0	53.8	49.7	45.9	41.2	neg	neg	neg	neg	neg
CPSS¹	41.9	38.4	35.2	32.0	28.7	0.2	0.2	0.7	1.3	1.3

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	35.8	36.4	37.0	39.0	39.5	30.5	31.4	32.5	34.6	35.1
Canada	54.8	56.7	59.2	60.7	62.4	33.2	35.7	36.5	37.2	38.4
France	27.8	30.0	31.0	32.0	33.4	nav	nav	nav	nav	nav
Germany	11.8	13.2	15.3	14.9	15.1	9.3	10.7	12.6	12.3	12.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	32.8	27.3	32.1	33.7	35.6	17.6	15.8	19.4	20.9	21.6
Japan	58.7	60.6	61.0	62.5	67.3	0.1	0.2	0.2	0.2	0.2
Netherlands	29.3	31.9	32.7	33.5	34.7	27.7	30.4	31.3	32.3	33.4
Singapore	27.7	29.6	11.2	6.3	6.5	27.7	29.6	11.2	6.3	6.5
Sweden	26.7	31.8	51.4	58.1	59.3	21.1	25.7	44.4	51.3	52.4
Switzerland	29.7	34.1	34.8	35.1	35.5	19.4	22.9	24.0	24.9	25.4
United Kingdom	36.6	39.0	41.2	42.9	43.7	22.6	24.7	26.3	27.9	28.6
United States	33.5	36.6	40.0	42.9	45.9	11.5	14.1	17.3	20.3	23.3
CPSS¹	32.6	35.2	38.0	39.8	42.0	12.7	14.8	17.2	19.1	21.0

Table 7a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.3	5.0	4.5	4.5	4.4	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	21.5	21.1	22.7	23.5	24.0
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	2.5	2.5	2.7	2.6	2.5	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	15.1	11.5	12.6	12.8	13.9
Japan	nav	nav	nav	nav	nav	58.6	60.5	60.8	62.3	67.0
Netherlands	1.6	1.5	1.3	1.2	1.3	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.9	3.9	4.4	4.9	4.8	1.7	2.1	2.6	1.9	2.0
Switzerland	nav	nav	nav	nav	nav	10.3	11.2	10.7	10.2	10.0
United Kingdom	1.8	2.0	1.9	1.9	1.7	12.2	12.3	12.9	13.2	13.4
United States	nav	nav	nav	nav	nav	22.0	22.5	22.7	22.6	22.6
CPSS¹	0.5	0.5	0.5	0.5	0.5	16.7	17.0	17.2	17.0	17.4

Note: Please refer to the individual country tables and the country footnotes on page 162 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7b**Use of payment instruments by non-banks: Increase in the number of transactions***(% change on previous year)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	-10.9	13.3	14.5	-3.9	8.8	16.8	6.5	-4.6	14.0	9.9
Canada	12.0	12.3	2.9	10.7	9.7	9.6	9.9	6.5	7.7	5.3
France	2.1	3.9	17.9	0.9	0.5	13.8	4.8	5.8	7.8	8.1
Germany	3.2	1.9	-2.4	5.2	6.9	7.0	1.4	-5.8	21.7	11.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	9.1	227.4	-5.5	3.0	3.0	18.0	10.9	11.0	3.2	9.4
Japan	4.5	3.7	1.8	1.4	2.1	nav	nav	nav	nav	nav
Netherlands	5.9	4.8	2.8	0.9	-0.6	6.5	4.8	8.1	5.7	5.1
Singapore	5.1	14.8	5.7	12.1	10.0	-0.4	9.6	59.9	47.4	6.4
Sweden	-0.5	-3.6	-43.0	-4.1	10.6	7.1	7.9	21.6	9.0	9.9
Switzerland	-7.0	-7.7	6.9	4.9	3.8	51.6	3.3	5.0	2.4	0.6
United Kingdom	2.7	4.7	4.0	10.1	17.6	7.9	7.1	6.3	6.2	6.6
United States	8.7	12.1	5.4	6.5	7.4	14.8	23.8	18.2	21.6	37.7
CPSS¹	3.7	8.8	1.8	4.5	6.6	10.0	7.7	4.8	14.9	16.0

Table 7b (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	-11.8	-15.1	-51.9	-18.0	-19.3	12.8	17.9	99.9	-11.4	-0.1
Canada	-3.4	-4.2	-4.7	-4.3	-5.0	nav	nav	nav	nav	nav
France	0.3	-3.5	0.3	-2.0	-3.0	0.0	nav	557.1	-1.6	-11.6
Germany	-7.2	-18.7	-53.2	-11.0	-15.4	28.8	10.2	22.1	4.2	2.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	-2.5	3.3	-7.8	-6.0	-3.7	nav	nav	nav	nav	nav
Japan	-5.6	-7.5	-10.4	-8.1	-7.4	nav	nav	nav	nav	nav
Netherlands	-47.0	-62.2	-98.6	-100.0	nav	16.1	22.0	181.6	25.5	16.6
Singapore	-1.0	0.4	-1.4	-3.5	-0.9	30.1	2.1	587.0	118.8	4.1
Sweden	-42.9	-15.0	-13.4	nav	nav	-31.0	-48.3	-53.3	-71.4	nav
Switzerland	67.2	-35.7	-37.5	-22.2	-22.9	68.2	10.0	1.0	-3.5	-1.6
United Kingdom	-5.4	-5.0	-6.8	-5.9	-7.2	nav	nav	nav	nav	nav
United States	-3.5	-4.2	-4.4	-4.6	-4.8	nav	nav	nav	nav	nav
CPSS¹	-3.3	-4.3	-4.6	-4.5	-4.8	24.7	10.2	299.1	85.6	4.9

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7b (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	14.6	12.7	14.9	6.4	9.3	16.2	13.9	17.1	7.4	9.8
Canada	15.0	10.1	9.6	8.5	8.3	18.0	14.1	7.5	7.7	8.8
France	13.1	11.5	11.6	6.0	7.1	nav	nav	nav	nav	nav
Germany	17.2	14.7	13.1	8.2	10.9	18.9	17.7	15.1	8.8	11.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	23.7	26.7	21.7	8.2	12.3	28.1	36.3	27.4	10.6	10.0
Japan	31.4	10.6	1.7	6.7	24.5	714.7	91.1	34.0	15.0	15.4
Netherlands	14.0	18.1	11.2	7.8	7.9	14.5	19.1	12.0	8.3	7.8
Singapore	12.7	12.9	10.2	6.0	7.8	12.7	12.9	10.2	6.0	7.8
Sweden	26.9	24.6	46.3	28.8	15.9	29.2	27.6	55.9	31.7	16.1
Switzerland	nav	14.2	9.0	5.7	5.0	nav	17.4	12.2	8.4	6.1
United Kingdom	11.2	12.4	10.0	10.8	8.8	13.3	15.4	11.1	12.4	9.7
United States	16.9	12.9	13.4	10.7	13.4	30.4	26.6	27.2	21.0	21.5
CPSS¹	17.4	12.8	12.4	9.9	12.3	25.1	22.1	21.1	16.6	16.8

Table 7b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.9	5.7	1.5	-0.1	5.2	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	10.7	3.9	13.1	9.7	7.6
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	11.1	3.6	4.4	5.4	6.1	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	18.8	15.5	14.0	4.4	15.9
Japan	nav	nav	nav	nav	nav	31.2	10.5	1.6	6.7	24.5
Netherlands	6.2	1.5	-4.1	-3.2	10.0	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	16.3	6.8	1.7	26.7	11.6	24.4	27.7	11.8	-16.3	22.8
Switzerland	nav	nav	nav	nav	nav	nav	8.1	2.4	-0.3	2.2
United Kingdom	6.9	17.6	-1.8	3.7	-0.9	8.0	6.1	9.7	8.6	8.1
United States	nav	nav	nav	nav	nav	10.9	5.6	4.7	2.8	6.1
CPSS¹	9.3	7.9	1.4	5.3	4.6	13.0	6.2	5.3	4.0	8.4

Note: Please refer to the individual country tables and the country footnotes on page 162 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7c**Use of payment instruments by non-banks: Number of transactions per inhabitant***(total for the year)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	49.9	56.3	64.1	61.4	66.5	16.2	17.2	16.3	18.5	20.3
Canada	18.4	20.5	20.8	22.8	24.8	14.5	15.7	16.6	17.7	18.5
France	34.5	35.6	41.7	41.9	41.8	32.4	33.8	35.6	38.1	40.9
Germany	68.0	69.1	67.3	70.8	75.7	58.0	58.7	55.2	67.2	74.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	5.5	18.1	17.0	17.5	18.0	5.7	6.2	6.9	7.1	7.8
Japan ¹	9.6	9.9	10.1	10.2	10.4	nav	nav	nav	nav	nav
Netherlands	73.5	76.5	78.1	78.4	77.5	52.5	54.6	58.7	61.7	64.5
Singapore	3.6	4.1	4.2	4.7	5.2	4.3	4.6	7.3	10.7	11.2
Sweden	89.4	85.9	48.8	46.6	51.4	10.3	11.0	13.4	14.5	15.9
Switzerland	75.6	69.1	73.2	76.2	78.6	6.4	6.5	6.8	6.9	6.9
United Kingdom	31.5	32.7	33.9	37.1	43.5	34.3	36.4	38.6	40.8	43.3
United States	13.4	14.8	15.5	16.3	17.3	8.4	10.3	12.0	14.5	19.7
CPSS¹	24.5	26.5	26.8	27.8	29.5	17.3	18.5	19.3	22.1	25.5

Table 7c (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6.9	5.8	2.8	2.3	1.8	5.0	5.9	11.7	10.3	10.3
Canada	54.0	51.2	48.3	45.8	43.1	nav	nav	nav	nav	nav
France	74.1	71.1	70.8	69.0	66.5	nav	0.0	0.3	0.3	0.3
Germany	4.8	3.9	1.8	1.6	1.4	0.3	0.4	0.4	0.5	0.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	9.8	10.1	9.3	8.7	8.4	nav	nav	0.0	0.0	0.3
Japan	1.8	1.6	1.5	1.3	1.2	nav	nav	nav	nav	nav
Netherlands	0.9	0.3	0.0	0.0	0.0	1.6	1.9	5.4	6.7	7.8
Singapore	22.8	22.3	21.8	20.9	20.5	24.9	24.7	168.3	367.0	376.9
Sweden	0.2	0.2	0.2	nav	nav	0.3	0.2	0.1	0.0	nav
Switzerland	1.6	1.0	0.6	0.5	0.4	2.5	2.7	2.7	2.6	2.5
United Kingdom	46.1	43.5	40.3	37.8	34.9	nav	nav	nav	nav	nav
United States	148.4	140.6	133.1	125.8	118.5	neg	neg	neg	neg	neg
CPSS¹	69.3	65.9	62.5	59.4	56.2	0.3	0.3	1.3	2.4	2.5

Note: Please refer to the individual country tables for a detailed explanation.

Japan: ¹ For credit transfers, total transactions during the fiscal year ending March of the following year.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 7c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	43.5	48.8	55.9	59.2	64.4	37.1	42.1	49.1	52.4	57.3
Canada	105.2	114.6	124.2	133.5	143.3	63.8	72.1	76.6	81.8	88.2
France	54.3	60.1	66.7	70.3	74.8	nav	nav	nav	nav	nav
Germany	17.5	20.0	22.6	24.4	27.1	13.8	16.2	18.6	20.2	22.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	10.2	12.9	15.7	16.9	19.0	5.5	7.5	9.5	10.5	11.5
Japan	16.1	17.8	18.1	19.3	24.0	0.0	0.0	0.1	0.1	0.1
Netherlands	53.3	62.5	69.0	74.0	79.5	50.3	59.5	66.2	71.3	76.5
Singapore	21.3	23.4	25.5	26.9	28.7	21.3	23.4	25.5	26.9	28.7
Sweden	36.4	45.3	66.0	84.8	97.9	28.8	36.7	57.0	74.8	86.5
Switzerland	36.4	41.1	44.4	46.6	48.6	23.8	27.6	30.7	33.0	34.8
United Kingdom	64.6	72.1	78.9	87.1	94.2	39.9	45.7	50.5	56.5	61.7
United States	85.6	95.6	107.3	117.6	132.0	29.4	36.9	46.5	55.7	67.0
CPSS¹	53.9	60.4	67.4	73.7	82.3	21.0	25.4	30.6	35.5	41.2

Table 7c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6.4	6.8	6.8	6.8	7.1	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	41.4	42.5	47.6	51.7	55.1
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	3.7	3.8	4.0	4.2	4.5	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	4.7	5.4	6.2	6.4	7.4
Japan	nav	nav	nav	nav	nav	16.1	17.8	18.0	19.2	23.9
Netherlands	2.9	3.0	2.8	2.7	3.0	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	5.3	5.6	5.7	7.2	8.0	2.3	3.0	3.3	2.8	3.4
Switzerland	nav	nav	nav	nav	nav	12.6	13.5	13.7	13.6	13.8
United Kingdom	3.2	3.7	3.6	3.8	3.7	21.6	22.7	24.8	26.8	28.9
United States	nav	nav	nav	nav	nav	56.1	58.7	60.8	61.9	65.1
CPSS¹	0.9	0.9	0.9	1.0	1.0	27.7	29.2	30.6	31.6	34.0

Note: Please refer to the individual country tables and the country footnotes on page 162 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 8
Payment transactions by non-banks: Total value of transactions
(total for the year)

	Total value of transactions (USD billions) ¹					Increase in the real value of transactions (in %) ²				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	15,007	15,694	12,575	15,857	18,587	3.4	5.1	-25.1	3.7	4.6
Canada	4,379	4,067	3,908	3,732	3,975	-24.3	-5.6	-4.7	-17.1	-2.8
France	74,186	86,305	94,304	115,168	138,092	-3.3	17.6	1.8	-0.2	6.5
Germany	28,249	29,389	31,189	37,316	41,559	7.0	5.1	-0.6	-1.1	-0.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	5,896	5,804	6,362	7,963	9,363	14.0	-1.3	1.4	1.6	4.5
Japan ¹	31,265	26,518	24,377	25,893	27,398	2.4	-3.3	-9.6	-1.3	0.6
Netherlands	2,827	3,137	3,400	4,500	5,742	17.7	8.6	-0.9	8.1	14.4
Singapore	5,885	6,747	5,890	5,958	6,166	1.9	18.0	-12.4	-2.1	-1.2
Sweden	1,025	877	703	866	1,036	2.5	-6.1	-26.1	0.2	7.5
Switzerland	27,634	27,800	29,718	34,251	34,875	nav	-0.5	-2.0	-1.0	-6.8
United Kingdom	102,343	108,852	110,955	126,709	145,270	9.2	10.4	-3.4	3.5	0.8
United States	59,678	61,336	63,003	65,674	67,436	-2.8	-0.1	1.1	1.9	0.0
CPSS¹	358,375	376,525	386,385	443,887	499,498	12.1	3.0	1.3	12.6	9.8

Table 8 (cont)

	Average value per transaction (USD) ¹					Average value per inhabitant (USD thousands) ¹				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	10,786	10,170	7,378	9,561	10,403	1,465	1,527	1,217	1,529	1,784
Canada	742	649	593	536	541	143	131	125	118	124
France	6,193	6,979	7,065	8,411	9,814	1,223	1,414	1,535	1,864	2,221
Germany	2,314	2,347	2,566	2,750	2,811	344	357	378	452	504
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	2,857	1,923	2,033	2,463	2,731	102	100	110	137	161
Japan ¹	8,955	7,095	6,453	6,581	6,020	246	208	191	203	215
Netherlands	977	999	997	1,256	1,536	178	196	211	277	352
Singapore	19,037	20,669	6,218	3,309	3,287	1,465	1,633	1,412	1,424	1,454
Sweden	846	691	613	663	697	116	99	79	97	115
Switzerland	31,306	31,692	31,665	34,836	34,151	3,833	3,816	4,047	4,625	4,679
United Kingdom	9,894	9,979	9,757	10,491	11,245	1,745	1,843	1,870	2,128	2,428
United States	826	823	816	823	798	211	215	219	226	229
CPSS¹	2,870	2,884	2,847	3,113	3,296	481	502	512	584	654

Table 8 (cont)

	Value as a ratio to GDP					Value as a ratio to deposits held by non-banks ³				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	64.7	67.7	49.9	51.2	51.9	234.9	227.9	172.7	161.5	159.1
Canada	6.0	5.7	5.3	4.3	4.0	29.3	25.0	22.9	18.4	16.5
France	55.9	64.4	64.6	64.4	67.4	237.0	254.6	264.0	264.0	271.8
Germany	14.9	15.5	15.4	15.3	15.1	64.0	58.5	54.3	50.3	48.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	5.5	5.3	5.4	5.4	5.6	14.9	13.3	12.3	11.8	11.2
Japan ¹	6.9	6.7	6.1	6.0	5.9	15.2	11.5	8.8	8.3	8.0
Netherlands	7.6	7.8	7.8	8.4	9.5	13.3	13.0	12.5	12.3	13.4
Singapore	63.6	78.6	66.6	64.5	57.7	53.2	60.4	53.7	50.3	47.7
Sweden	4.3	4.0	2.9	2.9	3.0	8.4	7.6	5.5	5.4	5.5
Switzerland	112.3	111.0	107.4	106.0	97.1	475.7	434.9	383.0	275.9	275.5
United Kingdom	71.0	75.9	70.5	70.2	68.1	34.7	35.1	28.8	27.6	25.3
United States	6.1	6.1	6.0	6.0	5.7	75.2	70.3	74.4	74.9	73.8
CPSS¹	16.2	17.2	17.0	17.6	18.0	48.0	46.0	37.5	36.0	35.5

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates, except as noted. ² Total value of transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms. ³ For Italy, as a ratio to deposits held only at banks.

Japan: ¹ For the most part, data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table 8). As a consequence, they are converted at average fiscal-year exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9**Use of payment instruments by non-banks: Value of transactions per payment instrument***(USD billions, total for the year)¹*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	14,776	15,472	12,354	15,632	18,339	47	48	44	55	60
Canada	414	437	477	632	770	140	168	196	251	298
France	70,790	83,139	90,660	110,742	133,624	606	629	708	853	972
Germany	24,195	24,909	26,648	32,619	36,389	3,045	3,563	3,687	3,777	4,278
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	4,153	3,988	4,404	5,572	6,604	174	182	202	265	341
Japan ¹	21,545	19,318	18,386	20,053	21,506	nav	nav	nav	nav	nav
Netherlands	2,637	2,935	3,171	4,195	5,392	149	157	177	239	272
Singapore	5,588	6,480	5,640	5,702	5,881	11	12	15	19	22
Sweden	972	825	638	786	940	28	25	26	33	41
Switzerland	27,549	27,715	29,626	34,144	34,759	42	43	47	56	63
United Kingdom	98,335	104,968	106,868	122,220	140,136	782	800	926	1,081	1,374
United States	8,895	9,962	11,156	12,532	13,977	9,385	10,006	10,622	12,110	12,182
CPSS¹	279,848	300,149	310,027	364,829	418,317	14,408	15,635	16,648	18,740	19,903

Table 9 (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	80	89	94	98	101	0.184	0.242	0.632	0.621	0.658
Canada	3,683	3,321	3,070	2,648	2,672	nav	nav	nav	nav	nav
France	2,098	1,979	2,239	2,747	2,589	0.000	0.009	0.066	0.079	0.066
Germany	908	807	729	762	705	0.067	0.061	0.073	0.087	0.103
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	1,056	1,074	1,127	1,332	1,474	nav	nav	0.057	0.207	1.180
Japan	9,764	7,219	5,628	5,460	5,578	nav	nav	nav	nav	nav
Netherlands	2	0	0	0	0	0.067	0.076	0.223	0.336	0.435
Singapore	275	244	223	225	248	0.099	0.117	0.369	0.712	0.787
Sweden	2	2	1	2	nav	0.017	0.007	0.005	0.001	nav
Switzerland	16	11	8	7	6	0.041	0.042	0.045	0.052	0.056
United Kingdom	2,983	2,812	2,845	3,009	3,259	nav	nav	nav	nav	nav
United States	39,847	39,689	39,406	38,979	38,417	neg	neg	neg	neg	neg
CPSS¹	60,715	57,247	55,370	55,269	55,052	0.476	0.553	1.468	2.095	3.285

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates, except as noted.Japan: ¹ For credit transfers, total transactions during the fiscal year ending March of the following year, converted at average fiscal-year exchange rates.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	23.8	25.7	30.6	39.0	45.6	17.8	19.4	23.7	30.7	37.1
Canada	142.0	139.8	164.3	200.7	235.0	57.4	61.3	66.9	82.8	95.6
France	140.9	152.1	179.1	230.3	272.8	nav	nav	nav	nav	nav
Germany	101.0	108.6	125.5	158.5	186.4	76.4	83.1	97.2	123.4	143.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	44.7	55.4	74.1	97.0	124.3	21.3	29.0	42.2	57.4	72.1
Japan	203.6	194.0	200.4	233.9	276.1	1.4	2.5	3.5	4.6	6.6
Netherlands	39.1	44.3	52.6	66.4	77.0	34.3	39.6	47.7	60.8	70.5
Singapore	10.1	10.3	11.0	11.8	13.8	3.9	4.2	4.4	4.7	5.5
Sweden	23.0	25.2	37.6	45.0	55.1	15.6	18.0	30.6	35.5	43.7
Switzerland	26.1	31.4	36.9	43.8	46.0	15.4	20.2	24.5	29.7	30.0
United Kingdom	243.3	271.4	316.5	398.2	499.9	114.9	136.6	161.8	213.0	275.0
United States	1,551.2	1,679.4	1,820.3	2,053.2	2,859.2	310.1	386.3	480.0	588.1	728.9
CPSS¹	2,548.5	2,737.6	3,048.9	3,577.7	4,691.2	668.4	800.0	982.3	1,230.7	1,508.6

Table 9 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6.0	6.2	6.9	8.3	8.4	nav	nav	nav	nav	nav
Canada ¹	nav	nav	nav	nav	nav	84.6	78.5	97.4	117.8	139.4
France ¹	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany ¹	24.6	25.5	28.2	35.1	42.7	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ¹	nav	nav	nav	nav	nav	23.4	26.4	31.9	39.6	52.2
Japan ¹	nav	nav	nav	nav	nav	202.2	191.5	196.9	229.3	269.6
Netherlands ¹	4.7	4.7	5.0	5.6	6.5	nav	nav	nav	nav	nav
Singapore ¹	nav	nav	nav	nav	nav	6.1	6.2	6.6	7.1	8.3
Sweden	5.6	5.0	5.1	6.7	7.9	1.8	2.2	1.9	2.9	3.5
Switzerland ¹	nav	nav	nav	nav	nav	10.7	11.2	12.4	14.1	15.9
United Kingdom	28.4	31.6	33.0	36.0	42.8	100.0	103.1	121.7	149.2	182.1
United States	nav	nav	nav	nav	nav	1,241.1	1,293.1	1,340.4	1,465.2	1,606.9
CPSS¹	69.4	73.2	78.2	91.6	108.4	1,669.8	1,712.3	1,809.3	2,025.1	2,277.9

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates.

Canada: ¹ For cards with a credit function, includes charge cards.

France: ¹ A breakdown by types of function is not available.

Germany: ¹ For cards with a delayed debit function, includes cards with a credit function.

Italy: ¹ For cards with a credit function, includes cards with a delayed debit function.

Japan: ¹ For cards with a credit function, includes cards with a delayed debit function.

Netherlands: ¹ For cards with a delayed debit function, includes cards with a credit function.

Singapore: ¹ For cards with a credit function, includes charge cards.

Switzerland: ¹ For cards with a credit function, includes cards with a delayed debit function.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9a**Use of payment instruments by non-banks: Relative importance of payment instruments, in value of transactions***(% of total value of transactions)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	99.0	99.0	98.7	98.8	98.9	0.3	0.3	0.3	0.3	0.3
Canada	9.5	10.7	12.2	16.9	19.4	3.2	4.1	5.0	6.7	7.5
France	96.1	96.8	96.7	96.7	97.2	0.8	0.7	0.8	0.7	0.7
Germany	85.6	84.8	85.4	87.4	87.6	10.8	12.1	11.8	10.1	10.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	76.5	75.2	75.8	76.7	77.3	3.2	3.4	3.5	3.6	4.0
Japan	68.9	72.8	75.4	77.4	78.5	nav	nav	nav	nav	nav
Netherlands	93.3	93.6	93.2	93.2	93.9	5.3	5.0	5.2	5.3	4.7
Singapore	95.0	96.1	95.8	95.7	95.4	0.2	0.2	0.3	0.3	0.4
Sweden	94.8	94.1	90.8	90.7	90.7	2.7	2.9	3.7	3.8	4.0
Switzerland	99.7	99.7	99.7	99.7	99.7	0.2	0.2	0.2	0.2	0.2
United Kingdom	96.1	96.4	96.3	96.5	96.5	0.8	0.7	0.8	0.9	0.9
United States	14.9	16.2	17.7	19.1	20.7	15.7	16.3	16.9	18.4	18.1
CPSS¹	78.3	79.9	80.5	82.5	84.0	4.0	4.2	4.3	4.2	4.0

Table 9a (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.5	0.6	0.7	0.6	0.5	0.0	0.0	0.0	0.0	0.0
Canada	84.1	81.7	78.6	70.9	67.2	nav	nav	nav	nav	nav
France	2.8	2.3	2.4	2.4	1.9	0.0	0.0	0.0	0.0	0.0
Germany	3.2	2.7	2.3	2.0	1.7	0.0	0.0	0.0	0.0	0.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	19.5	20.3	19.4	18.3	17.3	nav	nav	0.0	0.0	0.0
Japan	30.5	26.4	23.7	21.6	20.5	nav	nav	nav	nav	nav
Netherlands	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Singapore	4.7	3.6	3.8	3.8	4.0	0.0	0.0	0.0	0.0	0.0
Sweden	0.2	0.2	0.2	0.2	nav	0.0	0.0	0.0	0.0	nav
Switzerland	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Kingdom	2.9	2.6	2.6	2.4	2.2	nav	nav	nav	nav	nav
United States	66.8	64.7	62.5	59.4	57.0	neg	neg	neg	neg	neg
CPSS¹	17.0	15.2	14.4	12.5	11.1	0.0	0.0	0.0	0.0	0.0

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Canada	3.2	3.4	4.2	5.4	5.9	1.3	1.5	1.7	2.2	2.4
France	0.2	0.2	0.2	0.2	0.2	nav	nav	nav	nav	nav
Germany	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	0.8	1.0	1.3	1.3	1.5	0.4	0.5	0.7	0.8	0.8
Japan	0.6	0.7	0.8	0.9	1.0	0.0	0.0	0.0	0.0	0.0
Netherlands	1.4	1.4	1.5	1.5	1.3	1.2	1.3	1.4	1.4	1.2
Singapore	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Sweden	2.2	2.9	5.4	5.2	5.3	1.5	2.0	4.4	4.1	4.2
Switzerland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
United Kingdom	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.1	0.2	0.2
United States	2.6	2.7	2.9	3.1	4.2	0.5	0.6	0.8	0.9	1.1
CPSS¹	0.7	0.7	0.8	0.8	0.9	0.2	0.2	0.3	0.3	0.3

Table 9a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.0	0.0	0.1	0.1	0.0	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	1.9	1.9	2.5	3.2	3.5
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	0.1	0.1	0.1	0.1	0.1	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	0.4	0.5	0.5	0.5	0.6
Japan	nav	nav	nav	nav	nav	0.6	0.7	0.8	0.9	1.0
Netherlands	0.2	0.2	0.1	0.1	0.1	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	0.1	0.1	0.1	0.1	0.1
Sweden	0.5	0.6	0.7	0.8	0.8	0.2	0.3	0.3	0.3	0.3
Switzerland	nav	nav	nav	nav	nav	0.0	0.0	0.0	0.0	0.0
United Kingdom	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
United States	nav	nav	nav	nav	nav	2.1	2.1	2.1	2.2	2.4
CPSS¹	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9b**Use of payment instruments by non-banks: Increase in the real value of transactions**(% change on previous year, adjusted by CPI inflation)¹

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	3.5	5.2	-25.4	4.1	4.7	21.3	3.7	-16.0	3.9	-3.1
Canada	21.3	7.4	8.3	15.0	11.0	19.4	22.6	15.5	11.1	8.2
France	-3.3	18.7	1.6	-0.2	7.1	3.6	5.0	4.8	-1.5	1.1
Germany	10.3	4.0	0.2	1.1	-0.4	-9.8	18.2	-3.1	-15.3	1.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	18.2	-3.7	2.2	2.7	5.3	5.0	5.3	2.3	6.6	14.4
Japan	7.1	2.3	-6.4	1.4	2.0	nav	nav	nav	nav	nav
Netherlands	18.1	9.0	-1.3	8.1	15.2	12.3	3.0	3.0	10.3	2.3
Singapore	2.3	19.3	-12.7	-2.1	-1.6	22.3	10.7	32.3	17.0	11.1
Sweden	2.0	-6.8	-28.7	0.2	7.5	12.2	-1.1	-6.4	5.0	11.3
Switzerland	1.8	-0.5	-2.0	-1.0	-6.8	15.2	1.3	-0.1	3.3	3.3
United Kingdom	9.6	10.8	-3.5	3.7	0.9	5.8	6.2	9.6	5.9	11.8
United States	1.4	8.9	10.2	9.8	8.6	-8.6	3.7	4.5	11.5	-2.0
CPSS¹	-5.7	5.2	1.9	15.4	11.9	-10.7	6.4	5.1	10.4	3.6

Table 9b (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	-14.0	11.4	-1.3	-14.3	-7.8	14.6	31.8	144.4	-19.1	-5.4
Canada	-29.2	-8.3	-8.4	-25.2	-7.9	nav	nav	nav	nav	nav
France	-5.1	-4.6	5.4	0.3	-16.3	nav	nav	586.7	-2.1	-26.2
Germany	-9.1	-10.3	-15.5	-13.6	-17.3	-2.5	-8.2	11.6	-1.5	5.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	2.8	2.0	-2.9	-4.0	-1.6	nav	nav	nav	192.1	406.9
Japan	-6.9	-16.0	-18.9	-10.0	-4.7	nav	nav	nav	nav	nav
Netherlands	-16.5	-75.8	-100.0	nav	nav	4.2	11.1	168.3	23.4	15.9
Singapore	-7.2	-8.7	-8.2	-2.4	5.3	86.4	22.3	215.5	87.0	5.5
Sweden	-28.3	-30.1	-13.1	11.7	nav	-34.5	-53.7	-43.2	-75.6	nav
Switzerland	83.1	-33.9	-29.6	-24.1	-21.6	nav	-1.0	-0.6	-0.6	-0.8
United Kingdom	-1.5	-2.2	-4.2	-4.1	-4.7	nav	nav	nav	nav	nav
United States	-2.8	-3.1	-2.3	-3.3	-4.0	nav	nav	nav	nav	nav
CPSS¹	-5.8	-7.5	-4.5	-2.1	-2.8	12.6	14.1	161.9	39.9	53.0

Note: Please refer to the individual country tables for a detailed explanation.

¹ Value of transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9b (cont)

	Card payments (except e-money)					of which by cards with a: debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	11.5	8.4	11.3	4.9	4.3	13.4	10.0	13.9	6.6	7.9
Canada	14.5	0.1	16.5	6.0	6.8	15.0	8.6	8.2	7.5	5.3
France	11.3	9.2	9.6	5.1	5.2	nav	nav	nav	nav	nav
Germany	15.1	8.6	8.2	4.4	5.0	15.1	9.9	9.6	4.8	4.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	17.3	24.5	23.6	6.4	13.9	18.0	36.6	34.6	10.5	11.6
Japan	9.5	8.3	7.5	8.2	10.2	1,234.2	108.9	43.7	22.4	33.5
Netherlands	13.3	11.0	8.7	3.0	4.0	13.0	12.8	10.2	4.2	3.9
Singapore	10.7	5.6	7.0	4.2	11.1	3.1	8.5	5.1	4.7	10.8
Sweden	19.5	20.5	37.6	-2.8	10.1	18.6	26.6	57.0	-5.7	10.8
Switzerland	nav	19.0	7.8	2.0	-3.8	nav	29.5	11.4	4.1	-7.3
United Kingdom	13.8	15.8	10.5	14.1	10.4	16.6	23.4	12.2	19.4	13.6
United States	14.2	5.3	6.7	10.3	35.6	31.4	21.1	22.3	19.8	20.7
CPSS¹	12.6	5.3	9.9	15.1	27.9	19.6	17.4	21.2	22.8	19.6

Table 9b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6.1	3.9	3.1	-0.9	-9.0	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	14.1	-5.6	23.1	4.9	7.9
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	15.1	4.7	3.6	2.7	8.6	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	16.7	13.4	11.5	0.9	17.2
Japan	nav	nav	nav	nav	nav	8.9	7.6	7.0	8.0	9.7
Netherlands	15.1	-2.5	-3.9	-8.3	4.8	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	16.3	3.7	8.2	3.9	11.3
Sweden	20.2	-0.9	-6.4	6.2	6.4	25.8	34.7	-19.7	20.3	10.0
Switzerland	nav	nav	nav	nav	nav	nav	4.0	1.5	-2.2	3.4
United Kingdom	17.6	15.5	-1.1	-1.2	4.6	9.7	7.0	11.8	11.1	7.4
United States	nav	nav	nav	nav	nav	10.6	1.3	2.0	6.9	6.8
CPSS¹	2.8	3.4	5.5	14.9	15.4	12.1	0.6	4.3	9.7	9.8

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

¹ Value of transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9c**Use of payment instruments by non-banks: Average value per transaction***(USD, total for the year)¹*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	28,921	26,736	18,648	24,560	26,474	282	274	258	286	283
Canada	732	688	731	875	970	314	345	377	448	505
France	33,812	38,217	35,356	42,798	51,409	308	305	324	363	382
Germany	4,332	4,379	4,799	5,586	5,830	639	737	810	682	695
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	12,993	3,811	4,453	5,472	6,297	532	504	502	639	752
Japan ¹	17,706	15,303	14,304	15,393	16,163	nav	nav	nav	nav	nav
Netherlands	2,253	2,393	2,515	3,300	4,265	178	179	187	239	259
Singapore	382,771	386,658	318,462	287,233	269,289	627	616	508	416	455
Sweden	1,225	1,079	1,465	1,882	2,034	308	257	215	255	287
Switzerland	50,530	55,077	55,097	60,517	59,327	910	902	936	1,099	1,232
United Kingdom	53,289	54,323	53,184	55,266	53,884	389	372	404	445	531
United States	2,356	2,354	2,502	2,640	2,743	3,964	3,415	3,068	2,878	2,102
CPSS¹	15,180	14,961	15,178	17,097	18,398	1,105	1,113	1,131	1,107	1,014

Table 9c (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1,130	1,476	3,238	4,112	5,266	3.6	4.0	5.2	5.8	6.2
Canada	2,221	2,090	2,026	1,826	1,940	nav	nav	nav	nav	nav
France	467	456	515	645	626	nav	3.2	3.6	4.4	4.1
Germany	2,310	2,525	4,866	5,713	6,257	2.5	2.1	2.0	2.3	2.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	1,869	1,840	2,094	2,634	3,027	nav	nav	56.1	75.7	79.9
Japan	43,227	34,556	30,084	31,746	35,044	nav	nav	nav	nav	nav
Netherlands	116	76	0	nav	nav	2.6	2.5	2.6	3.1	3.4
Singapore	3,002	2,654	2,462	2,571	2,863	1.0	1.1	0.5	0.5	0.5
Sweden	1,199	899	978	nav	nav	6.0	4.9	6.5	6.8	nav
Switzerland	1,465	1,523	1,871	2,124	2,356	2.3	2.1	2.2	2.7	3.0
United Kingdom	1,105	1,096	1,189	1,337	1,560	nav	nav	nav	nav	nav
United States	951	989	1,027	1,065	1,103	neg	neg	neg	neg	neg
CPSS¹	1,165	1,147	1,163	1,215	1,271	2.1	2.2	1.5	1.1	1.7

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates, except as noted.Japan: ¹ For credit transfers, total for the fiscal year ending March of the following year, converted at average fiscal-year exchange rates.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	53.4	51.1	52.9	63.4	67.9	46.7	44.9	46.7	56.4	62.2
Canada	43.9	39.3	42.2	47.5	51.3	29.3	27.4	27.8	32.0	33.9
France	42.8	41.4	43.7	53.0	58.7	nav	nav	nav	nav	nav
Germany	70.2	65.9	67.3	78.6	83.4	67.3	62.3	63.3	73.9	76.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	75.7	74.1	81.3	98.5	112.4	67.0	66.9	76.4	94.0	107.3
Japan	99.4	85.6	86.9	95.1	90.2	424.2	408.2	420.4	482.6	598.4
Netherlands	46.1	44.2	47.3	55.3	59.4	42.8	41.4	44.6	52.6	56.5
Singapore	117.6	106.9	103.4	105.0	113.4	46.1	43.0	40.9	41.7	45.0
Sweden	71.1	62.6	63.9	59.3	62.6	60.9	55.0	60.1	52.9	56.2
Switzerland	99.4	104.8	113.1	126.9	127.0	89.9	100.2	108.6	121.3	115.7
United Kingdom	64.2	63.7	67.6	76.8	88.7	49.2	50.7	54.0	63.3	74.5
United States	64.2	61.6	58.9	60.0	73.7	37.3	36.7	35.8	36.3	37.0
CPSS¹	62.9	59.9	59.3	63.4	74.0	42.4	41.6	42.2	45.3	47.5

Table 9c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	91.8	89.8	97.6	117.7	114.1	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	66.6	59.5	65.3	71.9	79.1
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	81.0	81.1	86.0	101.4	116.3	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	85.8	84.1	88.9	105.8	120.4
Japan	nav	nav	nav	nav	nav	98.8	84.7	85.7	93.6	88.4
Netherlands	101.5	99.5	109.1	126.6	134.6	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	119.5	100.9	100.8	103.9	110.2	87.3	83.8	65.3	115.4	115.0
Switzerland	nav	nav	nav	nav	nav	117.3	114.0	123.2	140.7	155.4
United Kingdom	151.9	143.8	152.9	160.6	192.7	79.1	76.9	82.7	93.4	105.4
United States	nav	nav	nav	nav	nav	78.3	77.2	76.5	81.3	84.0
CPSS¹	106.7	104.3	110.0	122.4	138.3	80.2	77.4	77.7	83.7	86.8

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

¹ Converted at yearly average exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9d**Use of payment instruments by non-banks: Value of transactions per inhabitant***(USD, total for the year)¹*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1,442,103	1,504,939	1,195,891	1,506,835	1,760,295	4,580	4,713	4,213	5,299	5,734
Canada	13,483	14,080	15,216	19,972	24,082	4,550	5,428	6,252	7,933	9,321
France	1,166,850	1,361,937	1,475,930	1,791,959	2,149,084	9,985	10,305	11,530	13,810	15,635
Germany	294,380	302,518	323,079	395,281	441,076	37,054	43,277	44,701	45,776	51,852
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	71,901	68,845	75,899	95,858	113,363	3,006	3,150	3,475	4,556	5,850
Japan ¹	169,745	151,764	144,274	157,131	168,424	nav	nav	nav	nav	nav
Netherlands	165,627	182,960	196,358	258,565	330,695	9,369	9,779	10,950	14,714	16,703
Singapore	1,390,855	1,568,723	1,352,185	1,362,384	1,387,095	2,698	2,825	3,689	4,441	5,101
Sweden	109,504	92,711	71,488	87,752	104,491	3,163	2,841	2,877	3,704	4,567
Switzerland	3,821,503	3,804,334	4,034,564	4,610,886	4,663,188	5,816	5,892	6,373	7,599	8,512
United Kingdom	1,676,828	1,777,588	1,801,497	2,052,257	2,342,040	13,335	13,550	15,602	18,154	22,969
United States	31,498	34,913	38,711	43,060	47,557	33,232	35,069	36,858	41,612	41,448
CPSS¹	372,029	396,300	406,891	476,110	542,837	19,154	20,644	21,850	24,456	25,828

Table 9d (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	7,800	8,623	9,062	9,402	9,675	18.0	23.5	61.1	59.9	63.2
Canada	119,970	107,024	97,850	83,613	83,621	nav	nav	nav	nav	nav
France	34,581	32,418	36,453	44,456	41,645	0.0	0.1	1.1	1.3	1.1
Germany	11,053	9,804	8,833	9,228	8,550	0.8	0.7	0.9	1.0	1.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	18,287	18,547	19,424	22,917	25,311	nav	nav	1.0	3.6	20.3
Japan	76,925	56,711	44,166	42,783	43,686	nav	nav	nav	nav	nav
Netherlands	103	25	0	0	0	4.2	4.7	13.8	20.7	26.7
Singapore	68,480	59,097	53,552	53,790	58,567	24.5	28.4	88.4	170.1	185.6
Sweden	270	172	161	221	nav	2.0	0.8	0.5	0.2	nav
Switzerland	2,276	1,506	1,147	1,004	853	5.8	5.7	6.1	7.0	7.6
United Kingdom	50,875	47,622	47,951	50,533	54,473	nav	nav	nav	nav	nav
United States	141,100	139,098	136,744	133,936	130,713	neg	neg	neg	neg	neg
CPSS¹	80,715	75,586	72,670	72,128	71,439	0.6	0.7	1.9	2.7	4.3

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates, except as noted.Japan: ¹ For credit transfers, total for the fiscal year ending March of the following year, converted at average fiscal-year exchange rates.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9d (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	2,322	2,497	2,958	3,758	4,375	1,733	1,891	2,292	2,959	3,565
Canada	4,624	4,504	5,237	6,336	7,352	1,868	1,974	2,131	2,616	2,992
France	2,322	2,492	2,916	3,727	4,388	nav	nav	nav	nav	nav
Germany	1,229	1,319	1,521	1,921	2,260	929	1,009	1,179	1,495	1,742
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	773	957	1,276	1,669	2,134	369	501	727	988	1,238
Japan	1,604	1,524	1,573	1,833	2,162	11	20	27	36	51
Netherlands	2,454	2,760	3,260	4,092	4,723	2,155	2,465	2,952	3,748	4,322
Singapore	2,502	2,497	2,636	2,828	3,249	980	1,005	1,043	1,124	1,289
Sweden	2,589	2,834	4,218	5,025	6,128	1,757	2,019	3,429	3,961	4,862
Switzerland	3,615	4,305	5,025	5,912	6,168	2,136	2,767	3,335	4,005	4,029
United Kingdom	4,148	4,596	5,335	6,686	8,355	1,959	2,314	2,728	3,577	4,596
United States	5,493	5,886	6,317	7,055	9,728	1,098	1,354	1,665	2,021	2,480
CPSS¹	3,388	3,615	4,001	4,669	6,088	889	1,056	1,289	1,606	1,958

Table 9d (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	589	607	666	799	811	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	2,756	2,530	3,106	3,721	4,361
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	300	310	342	426	518	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	405	456	549	681	896
Japan	nav	nav	nav	nav	nav	1,593	1,504	1,545	1,797	2,111
Netherlands	298	295	308	344	400	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	1,522	1,492	1,593	1,703	1,960
Sweden	629	566	573	745	879	204	249	216	319	388
Switzerland	nav	nav	nav	nav	nav	1,479	1,538	1,690	1,907	2,139
United Kingdom	485	536	557	604	715	1,705	1,746	2,051	2,505	3,044
United States	nav	nav	nav	nav	nav	4,395	4,532	4,651	5,034	5,467
CPSS¹	92	97	103	120	141	2,220	2,261	2,375	2,643	2,956

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

¹ Converted at yearly average exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9e**Use of payment instruments by non-banks: Value of transactions as a ratio to GDP***(in %, total for the year)*

	Credit transfers					Direct debits				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	6,374	6,679	4,898	5,043	5,124	20.2	20.9	17.3	17.7	16.7
Canada	57	61	65	73	78	19.3	23.5	26.7	28.9	30.0
France	5,333	6,205	6,211	6,188	6,525	45.6	47.0	48.5	47.7	47.5
Germany	1,274	1,317	1,318	1,336	1,322	160.3	188.4	182.4	154.7	155.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	387	366	371	379	393	16.2	16.7	17.0	18.0	20.3
Japan	475	487	458	462	466	nav	nav	nav	nav	nav
Netherlands	712	733	723	780	888	40.3	39.2	40.3	44.4	44.9
Singapore	6,036	7,551	6,376	6,173	5,506	11.7	13.6	17.4	20.1	20.2
Sweden	406	376	264	261	271	11.7	11.5	10.6	11.0	11.9
Switzerland	11,195	11,064	10,704	10,570	9,680	17.0	17.1	16.9	17.4	17.7
United Kingdom	6,820	7,316	6,794	6,769	6,568	54.2	55.8	58.8	59.9	64.4
United States	91	98	106	114	119	95.6	98.8	101.3	110.1	103.8
CPSS¹	1,256	1,362	1,358	1,440	1,501	64.7	70.9	72.9	74.0	71.4

Table 9e (cont)

	Cheques					E-money payment transactions				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	34.5	38.3	37.1	31.5	28.2	0.08	0.10	0.25	0.20	0.18
Canada	508.2	464.3	417.6	304.9	269.5	nav	nav	nav	nav	nav
France	158.1	147.7	153.4	153.5	126.4	0.00	0.00	0.00	0.00	0.00
Germany	47.8	42.7	36.0	31.2	25.6	0.00	0.00	0.00	0.00	0.00
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	98.3	98.5	94.9	90.7	87.8	nav	nav	0.00	0.01	0.07
Japan	210.0	176.6	144.0	129.0	121.6	nav	nav	nav	nav	nav
Netherlands	0.4	0.1	0.0	0.0	0.0	0.02	0.02	0.05	0.06	0.07
Singapore	297.2	284.5	252.5	243.7	232.5	0.11	0.14	0.42	0.77	0.74
Sweden	1.0	0.7	0.6	0.7	nav	0.01	0.00	0.00	0.00	nav
Switzerland	6.7	4.4	3.0	2.3	1.8	0.02	0.02	0.02	0.02	0.02
United Kingdom	206.9	196.0	180.8	166.7	152.8	nav	nav	nav	nav	nav
United States	405.9	391.9	375.8	354.2	327.4	neg	neg	neg	neg	neg
CPSS¹	272.5	259.7	242.5	218.2	197.5	0.00	0.00	0.01	0.01	0.01

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 9e (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	10.3	11.1	12.1	12.6	12.7	7.7	8.4	9.4	9.9	10.4
Canada	19.6	19.5	22.3	23.1	23.7	7.9	8.6	9.1	9.5	9.6
France	10.6	11.4	12.3	12.9	13.3	nav	nav	nav	nav	nav
Germany	5.3	5.7	6.2	6.5	6.8	4.0	4.4	4.8	5.1	5.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	4.2	5.1	6.2	6.6	7.4	2.0	2.7	3.6	3.9	4.3
Japan	4.4	4.7	5.1	5.5	6.0	0.0	0.1	0.1	0.1	0.1
Netherlands	10.5	11.1	12.0	12.3	12.7	9.3	9.9	10.9	11.3	11.6
Singapore	10.9	12.0	12.4	12.8	12.9	4.3	4.8	4.9	5.1	5.1
Sweden	9.6	11.5	15.5	14.9	15.9	6.5	8.2	12.6	11.8	12.6
Switzerland	10.6	12.5	13.3	13.6	12.8	6.3	8.0	8.8	9.2	8.4
United Kingdom	16.9	18.9	20.1	22.1	23.4	8.0	9.5	10.3	11.8	12.9
United States	15.8	16.6	17.4	18.7	24.4	3.2	3.8	4.6	5.3	6.2
CPSS¹	11.4	12.4	13.4	14.1	16.8	3.0	3.6	4.3	4.9	5.4

Table 9e (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	2.6	2.7	2.7	2.7	2.4	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	11.7	11.0	13.3	13.6	14.1
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	1.3	1.4	1.4	1.4	1.6	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	2.2	2.4	2.7	2.7	3.1
Japan	nav	nav	nav	nav	nav	4.3	4.7	5.0	5.4	5.9
Netherlands	1.3	1.2	1.1	1.0	1.1	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	6.6	7.2	7.5	7.7	7.8
Sweden	2.3	2.3	2.1	2.2	2.3	0.8	1.0	0.8	0.9	1.0
Switzerland	nav	nav	nav	nav	nav	4.3	4.5	4.5	4.4	4.4
United Kingdom	2.0	2.2	2.1	2.0	2.0	6.9	7.2	7.7	8.3	8.5
United States	nav	nav	nav	nav	nav	12.6	12.8	12.8	13.3	13.7
CPSS¹	0.3	0.3	0.3	0.4	0.4	7.5	7.8	7.9	8.0	8.2

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 10
Cards issued in the country: Number of cards
 (thousands, end of year)¹

	Cards with a cash function					Cards with an e-money function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	13,930	13,987	14,902	15,619	15,727	7,931	7,998	8,271	8,803	8,979
Canada	65,000	nav	nav	nav	nav	87	74	77	nav	nav
France	40,945	43,315	45,404	47,646	49,112	0	319	838	1,272	1,160
Germany	109,450	125,508	119,392	116,950	115,623	60,700	67,333	62,597	62,817	63,912
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	21,217	24,893	28,039	30,606	32,736	nav	nav	74	668	1,432
Japan ¹	402,580	413,730	427,040	437,570	445,170	nav	nav	nav	nav	nav
Netherlands	26,000	27,500	28,000	28,200	28,300	20,900	21,000	17,300	17,600	18,000
Singapore	2,982	3,078	5,913	5,801	6,200	4,697	5,639	9,776	11,513	10,673
Sweden	4,892	4,769	4,780	5,181	5,262	593	557	490	293	nav
Switzerland	8,279	8,644	9,056	9,295	9,410	3,355	3,524	3,692	3,889	3,983
United Kingdom	120,682	132,623	142,092	158,123	165,915	47,080	51,701	58,794	66,825	69,888
United States	759,500	824,200	864,500	896,100	928,000	neg	neg	neg	neg	neg
CPSS¹	1,575,457	1,622,247	1,689,118	1,751,090	1,801,455	145,343	158,145	161,909	173,680	178,027

Table 10 (cont)

	Cards with a payment function					of which: cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	13,930	13,987	14,902	15,619	15,727	10,960	10,942	11,863	12,522	12,551
Canada	78,000	nav	nav	nav	nav	36,000	nav	nav	nav	nav
France	36,908	39,733	41,852	44,383	45,985	nav	nav	nav	nav	nav
Germany	109,450	123,900	113,351	110,719	109,586	92,810	105,931	93,658	90,516	89,154
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	38,141	44,859	49,412	54,905	57,535	21,172	24,863	27,655	29,260	30,515
Japan ¹	551,680	584,590	614,000	653,620	nav	320,000	340,000	360,000	390,000	390,000
Netherlands	26,000	27,500	28,000	28,200	28,300	21,000	22,500	22,900	22,500	22,500
Singapore	5,443	5,894	9,138	9,296	10,133	2,982	3,078	5,913	5,801	6,200
Sweden	8,381	8,162	8,250	9,240	10,997	4,570	4,818	4,894	5,574	7,469
Switzerland	8,358	8,691	9,131	9,299	9,412	5,227	5,410	5,798	5,940	6,021
United Kingdom	100,583	110,432	122,524	134,110	141,087	49,730	54,305	59,419	62,854	66,776
United States	1,473,240	1,476,110	1,505,800	1,525,000	1,513,000	223,200	242,100	249,000	249,000	266,700
CPSS¹	2,450,114	2,443,858	2,516,360	2,594,392	1,941,762	787,651	813,947	841,099	873,968	897,886

Table 10 (cont)

	cards with a delayed debit function					cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	2,970	3,045	3,039	3,097	3,176	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	42,000	47,000	52,000	53,000	56,536
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	16,640	17,969	19,694	20,203	20,432	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	16,969	19,996	21,757	25,645	27,020
Japan ¹	nav	nav	nav	nav	nav	231,680	244,590	254,000	263,620	nav
Netherlands	5,000	5,000	5,100	5,700	5,800	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	2,461	2,816	3,225	3,495	3,933
Sweden	1,009	1,025	772	839	774	2,802	2,319	2,584	2,827	2,754
Switzerland	nav	nav	nav	nav	nav	3,131	3,281	3,333	3,359	3,391
United Kingdom	3,773	4,426	4,311	4,431	4,423	47,080	51,701	58,794	66,825	69,888
United States	nav	nav	nav	nav	nav	1,250,040	1,234,010	1,256,800	1,276,000	1,246,300
CPSS¹	29,392	31,465	32,916	34,270	34,605	1,596,163	1,605,713	1,652,493	1,694,771	1,409,822

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

¹ Except as noted.

Japan: ¹ For cards with a cash function and cards with a credit function, at end-March of the following year; for cards with a debit function, from 2001, October.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 10a**Cards issued in the country: Increase in the number of cards**

(% change on previous year)

	Cards with a cash function					Cards with an e-money function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	4.1	0.4	6.5	4.8	0.7	0.4	0.8	3.4	6.4	2.0
Canada	4.8	nav	nav	nav	nav	50.0	-14.9	4.1	nav	nav
France	9.0	5.8	4.8	4.9	3.1	nav	nav	162.7	51.8	-8.8
Germany	10.3	14.7	-4.9	-2.0	-1.1	0.0	10.9	-7.0	0.4	1.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	1.8	17.3	12.6	9.2	7.0	nav	nav	nav	802.7	114.4
Japan	3.7	2.8	3.2	2.5	1.7	nav	nav	nav	nav	nav
Netherlands	4.8	5.8	1.8	0.7	0.4	4.0	0.5	-17.6	1.7	2.3
Singapore	-6.1	3.2	92.1	-1.9	6.9	35.6	20.1	73.4	17.8	-7.3
Sweden	6.1	-2.5	0.2	8.4	1.6	9.8	-6.1	-12.0	-40.2	nav
Switzerland	4.4	4.4	4.8	2.6	1.2	6.9	5.0	4.8	5.3	2.4
United Kingdom	7.1	9.9	7.1	11.3	4.9	13.7	9.8	13.7	13.7	4.6
United States	4.6	8.5	4.9	3.7	3.6	nav	nav	nav	nav	nav
CPSS¹	5.0	7.4	4.1	3.7	2.9	5.8	8.8	2.4	7.3	2.5

Table 10a (cont)

	Cards with a payment function					of which: cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	4.1	0.4	6.5	4.8	0.7	4.5	-0.2	8.4	5.6	0.2
Canada	2.6	nav	nav	nav	nav	0.0	nav	nav	nav	nav
France	10.2	7.7	5.3	6.0	3.6	nav	nav	nav	nav	nav
Germany	10.3	13.2	-8.5	-2.3	-1.0	10.6	14.1	-11.6	-3.4	-1.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	5.3	17.6	10.1	11.1	4.8	1.8	17.4	11.2	5.8	4.3
Japan	65.5	6.0	5.0	6.5	nav	190.9	6.3	5.9	8.3	0.0
Netherlands	4.8	5.8	1.8	0.7	0.4	3.4	7.1	1.8	-1.7	0.0
Singapore	0.6	8.3	55.0	1.7	9.0	-6.1	3.2	92.1	-1.9	6.9
Sweden	16.0	-2.6	1.1	12.0	19.0	9.4	5.4	1.6	13.9	34.0
Switzerland	2.2	4.0	5.1	1.8	1.2	1.8	3.5	7.2	2.4	1.4
United Kingdom	10.6	9.8	10.9	9.5	5.2	7.9	9.2	9.4	5.8	6.2
United States	2.6	0.2	2.0	1.3	-0.8	3.0	8.5	2.9	0.0	7.1
CPSS¹	13.2	3.0	3.0	3.1	0.1	41.5	8.3	3.3	3.9	2.7

Table 10a (cont)

	cards with a delayed debit function					cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	3.0	2.5	-0.2	1.9	2.6	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	5.0	11.9	10.6	1.9	6.7
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	8.7	8.0	9.6	2.6	1.1	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	10.0	17.8	8.8	17.9	5.4
Japan	nav	nav	nav	nav	nav	3.8	5.6	3.8	3.8	nav
Netherlands	11.1	0.0	2.0	11.8	1.8	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	10.3	14.4	14.5	8.4	12.5
Sweden	28.2	1.6	-24.7	8.7	-7.7	24.1	-17.2	11.4	9.4	-2.6
Switzerland	nav	nav	nav	nav	nav	3.0	4.8	1.6	0.8	1.0
United Kingdom	9.5	17.3	-2.6	2.8	-0.2	13.7	9.8	13.7	13.7	4.6
United States	nav	nav	nav	nav	nav	2.5	-1.3	1.8	1.5	-2.3
CPSS¹	9.2	7.1	4.6	4.1	1.0	3.2	0.6	2.9	2.6	-1.5

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 10b
Cards issued in the country: Number of cards per inhabitant
 (end of year)¹

	Cards with a cash function					Cards with an e-money function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1.36	1.36	1.44	1.51	1.51	0.77	0.78	0.80	0.85	0.86
Canada	2.12	nav	nav	nav	nav	0.00	0.00	0.00	nav	nav
France	0.67	0.71	0.74	0.77	0.79	0.00	0.01	0.01	0.02	0.02
Germany	1.33	1.52	1.45	1.42	1.40	0.74	0.82	0.76	0.76	0.77
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	0.37	0.43	0.48	0.53	0.56	nav	nav	0.00	0.01	0.02
Japan ¹	3.17	3.25	3.35	3.43	3.49	nav	nav	nav	nav	nav
Netherlands	1.63	1.71	1.73	1.74	1.74	1.31	1.31	1.07	1.08	1.10
Singapore	0.74	0.75	1.42	1.39	1.46	1.17	1.37	2.34	2.75	2.52
Sweden	0.55	0.54	0.54	0.58	0.59	0.07	0.06	0.05	0.03	nav
Switzerland	1.15	1.19	1.23	1.26	1.26	0.47	0.48	0.50	0.53	0.53
United Kingdom	2.06	2.25	2.40	2.66	2.77	0.80	0.88	0.99	1.12	1.17
United States	2.69	2.89	3.00	3.08	3.16	neg	neg	neg	neg	neg
CPSS¹	2.11	2.25	2.33	2.41	2.46	0.19	0.21	0.21	0.23	0.23

Table 10b (cont)

	Cards with a payment function					of which: cards with a debit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1.36	1.36	1.44	1.51	1.51	1.07	1.06	1.15	1.21	1.20
Canada	2.54	nav	nav	nav	nav	1.17	nav	nav	nav	nav
France	0.61	0.65	0.68	0.72	0.74	nav	nav	nav	nav	nav
Germany	1.33	1.50	1.37	1.34	1.33	1.13	1.29	1.14	1.10	1.08
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	0.66	0.77	0.85	0.94	0.99	0.37	0.43	0.48	0.50	0.52
Japan ¹	4.35	4.59	4.82	5.12	nav	2.52	2.67	2.82	3.06	3.05
Netherlands	1.63	1.71	1.73	1.74	1.74	1.32	1.40	1.42	1.39	1.38
Singapore	1.35	1.43	2.19	2.22	2.39	0.74	0.75	1.42	1.39	1.46
Sweden	0.94	0.92	0.92	1.03	1.22	0.52	0.54	0.55	0.62	0.83
Switzerland	1.16	1.19	1.24	1.26	1.26	0.73	0.74	0.79	0.80	0.81
United Kingdom	1.72	1.87	2.07	2.25	2.36	0.85	0.92	1.00	1.06	1.12
United States	5.22	5.17	5.23	5.24	5.15	0.79	0.85	0.86	0.86	0.91
CPSS¹	3.29	3.40	3.48	3.56	3.21	1.06	1.13	1.16	1.20	1.23

Table 10b (cont)

	cards with a delayed debit function					cards with a credit function				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.29	0.30	0.29	0.30	0.30	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	1.37	1.51	1.66	1.67	1.77
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	0.20	0.22	0.24	0.24	0.25	nav	nav	nav	nav	nav
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	0.29	0.35	0.37	0.44	0.46
Japan ¹	nav	nav	nav	nav	nav	1.83	1.92	1.99	2.07	nav
Netherlands	0.31	0.31	0.32	0.35	0.36	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	0.61	0.68	0.77	0.84	0.93
Sweden	0.11	0.12	0.09	0.09	0.09	0.32	0.26	0.29	0.32	0.31
Switzerland	nav	nav	nav	nav	nav	0.43	0.45	0.45	0.45	0.45
United Kingdom	0.06	0.07	0.07	0.07	0.07	0.80	0.88	0.99	1.12	1.17
United States	nav	nav	nav	nav	nav	4.43	4.32	4.36	4.38	4.24
CPSS¹	0.17	0.18	0.19	0.19	0.19	2.77	2.76	2.83	2.88	3.03

Note: Please refer to the individual country tables and the country footnotes on page 171 for a detailed explanation.

¹ Except as noted.

Japan: ¹ For cards with a cash function and cards with a credit function, at end-March of the following year; for cards with a debit function, from 2001, October.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 11**Terminals located in the country: Number of terminals***(thousands, end of year)¹*

	ATMs					POS terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	10.9	11.4	11.7	12.5	13.2	116.4	144.4	135.7	113.1	108.3
Canada	31.9	35.6	40.0	44.2	48.5	438.2	463.2	494.9	520.6	546.0
France	35.2	36.9	39.0	42.0	43.7	839.0	904.3	956.4	1,000.0	1,060.0
Germany	47.7	49.6	50.5	51.1	52.6	591.3	435.7	460.6	495.8	520.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	31.7	36.6	39.6	39.1	39.7	598.5	774.7	847.5	928.0	1,007.5
Japan ¹	142.5	142.7	140.2	137.8	136.5	920.3	987.4	1,063.1	1,148.1	1,242.7
Netherlands	6.9	7.1	7.5	7.6	7.9	155.6	165.8	177.2	186.3	195.0
Singapore	1.8	1.8	1.5	1.6	1.6	19.5	20.9	23.5	28.0	26.8
Sweden	2.6	2.6	2.6	2.7	2.8	87.1	88.2	102.0	108.1	123.7
Switzerland	4.9	5.0	5.2	5.4	5.4	67.5	73.9	80.7	80.0	88.1
United Kingdom	33.0	36.7	40.8	46.5	54.4	735.0	772.0	810.6	861.3	920.0
United States ¹	273.0	324.0	352.0	371.0	383.0	2,800.0	3,100.0	3,500.0	3,890.0	4,900.0
CPSS¹	622.1	690.1	730.7	761.2	789.3	7,368.5	7,930.5	8,652.2	9,359.1	10,738.0

Table 11 (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	122.9	182.8	208.2	213.2	213.6	67.8	88.8	104.5	108.0	114.8
Canada	1.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
France	nav	2.1	15.9	23.1	23.0	nav	13.6	69.2	105.8	77.8
Germany	24.5	36.0	35.8	32.4	30.0	66.9	80.2	98.5	120.9	142.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	2.7	5.5	7.8	11.9	nav	nav	24.3	87.8	143.4
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	7.2	4.3	4.8	5.1	5.4	133.5	148.2	164.9	180.1	192.3
Singapore	nav	nav	nav	nav	nav	16.3	17.9	42.5	45.9	42.2
Sweden	6.9	7.0	6.6	5.9	nav	36.1	40.0	31.3	32.2	nav
Switzerland	27.2	31.3	33.5	34.5	35.2	27.2	31.3	33.5	34.5	35.2
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
CPSS¹	190.0	266.6	310.6	321.8	319.1	347.9	420.1	568.7	715.2	748.0

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted.Japan: ¹ For ATMs, at end-March of the following year. For POS terminals, see Japan, Table 6.United States: ¹ For POS terminals, includes PIN-based debit terminals only.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 11a**Terminals located in the country: Increase in the number of terminals***(% change on previous year)*

	ATMs					POS terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	9.8	4.6	2.5	7.0	5.6	16.9	24.0	-6.0	-16.7	-4.2
Canada	19.4	11.6	12.2	10.5	9.7	7.9	5.7	6.8	5.2	4.9
France	8.4	5.0	5.6	7.7	4.1	4.9	7.8	5.8	4.6	6.0
Germany	3.1	4.1	1.7	1.3	2.9	25.0	-26.3	5.7	7.6	4.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	5.0	15.5	8.3	-1.5	1.7	35.4	29.4	9.4	9.5	8.6
Japan	-1.6	0.1	-1.8	-1.7	-0.9	28.7	7.3	7.7	8.0	8.2
Netherlands	3.7	3.2	5.4	0.3	4.4	6.9	6.5	6.9	5.1	4.7
Singapore	-3.3	0.2	-13.9	0.4	3.6	9.5	7.4	12.1	19.1	-4.1
Sweden	1.4	-1.9	3.1	1.1	5.7	7.4	1.3	15.6	5.9	14.4
Switzerland	3.7	3.6	2.9	3.1	0.6	9.6	9.4	9.2	-0.8	10.1
United Kingdom	22.2	11.1	11.3	13.8	17.1	5.0	5.0	5.0	6.3	6.8
United States	20.3	18.7	8.6	5.4	3.2	19.1	10.7	12.9	11.1	26.0
CPSS¹	11.1	10.9	5.9	4.2	3.7	17.1	7.6	9.1	8.2	14.7

Table 11a (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	70.5	48.7	13.9	2.4	0.2	6.0	31.0	17.7	3.3	6.3
Canada	nav	-60.6	-32.0	-100.0	nav	nav	nav	nav	nav	nav
France	nav	nav	657.3	45.0	-0.2	nav	nav	407.0	53.0	-26.5
Germany	9.1	47.1	-0.7	-9.5	-7.4	12.1	19.8	22.8	22.8	17.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	106.6	41.5	53.4	nav	nav	nav	261.2	63.3
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	2.3	-41.3	13.3	5.0	6.7	6.2	11.0	11.2	9.2	6.7
Singapore	nav	nav	nav	nav	nav	14.6	10.3	136.8	8.0	-7.9
Sweden	8.5	1.2	-6.2	-10.7	nav	-3.9	10.9	-21.6	2.9	nav
Switzerland	18.6	15.0	7.1	2.9	2.2	18.6	15.0	7.1	2.9	2.2
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	45.1	37.8	16.5	3.6	1.0	7.3	16.8	29.6	25.8	9.5

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 11b**Terminals located in the country: Number of terminals per 1 million inhabitants***(end of year)*¹

	ATMs					POS terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1,064	1,108	1,130	1,204	1,267	11,364	14,047	13,141	10,900	10,394
Canada	1,040	1,148	1,275	1,395	1,517	14,273	14,927	15,775	16,438	17,086
France	580	605	635	679	703	13,830	14,813	15,571	16,181	17,048
Germany	580	603	612	620	638	7,194	5,291	5,584	6,008	6,303
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	549	632	683	672	682	10,361	13,374	14,606	15,963	17,295
Japan ¹	1,123	1,121	1,100	1,080	1,069	7,251	7,757	8,342	8,996	9,732
Netherlands	435	445	466	466	484	9,774	10,333	10,972	11,481	11,957
Singapore	446	435	371	371	379	4,851	5,067	5,625	6,679	6,321
Sweden	295	289	297	299	315	9,821	9,917	11,431	12,062	13,749
Switzerland	675	692	706	722	722	9,369	10,139	10,984	10,803	11,813
United Kingdom	563	621	688	780	909	12,533	13,073	13,664	14,463	15,376
United States	967	1,136	1,221	1,275	1,303	9,915	10,865	12,145	13,366	16,672
CPSS¹	834	919	968	1,002	1,034	9,883	10,565	11,458	12,323	14,060

Table 11b (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	11,996	17,777	20,150	20,556	20,504	6,621	8,642	10,120	10,410	11,016
Canada	41	16	11	0	0	0	0	0	0	0
France	nav	34	259	373	370	nav	224	1,126	1,712	1,251
Germany	298	438	434	393	364	815	974	1,194	1,465	1,725
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	46	94	133	204	nav	nav	419	1,510	2,462
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	455	265	299	312	331	8,388	9,238	10,210	11,101	11,791
Singapore	nav	nav	nav	nav	nav	4,049	4,344	10,186	10,961	9,962
Sweden	780	787	735	654	nav	4,067	4,496	3,512	3,600	nav
Switzerland	3,775	4,295	4,563	4,655	4,724	3,775	4,295	4,563	4,655	4,724
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
CPSS¹	1,225	970	1,125	1,162	1,186	2,186	1,901	2,029	2,543	2,737

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted.Japan: ¹ For ATMs, at end-March of the following year. For POS terminals, see Japan, Table 6.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 12**Transactions at terminals: Number of cash withdrawals and loading transactions***(millions, total for the year)¹*

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	3.82	4.02	3.77	6.92	6.78	198.59	217.05	239.89	256.89	244.38
Canada	nav	nav	nav	nav	nav	1,232.46	1,232.72	1,219.50	1,145.08	1,114.86
France	nav	nav	nav	nav	nav	1,082.29	1,165.04	1,212.99	1,244.88	1,260.00
Germany	nav	nav	nav	nav	nav	1,724.05	1,648.40	1,668.31	2,036.37	2,398.67
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	430.24	452.46	460.60	434.55	453.79
Japan ¹	nav	nav	nav	nav	nav	434.49	438.88	414.58	406.46	411.78
Netherlands	nav	nav	nav	nav	nav	470.00	490.00	493.00	494.00	484.00
Singapore	nav	nav	nav	nav	nav	8.54	8.77	9.13	6.86	6.53
Sweden	nav	nav	nav	nav	nav	321.00	335.00	321.00	328.37	336.91
Switzerland	4.50	5.20	5.30	5.20	5.60	94.40	104.60	110.40	113.20	110.60
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	5,874.60	nav
CPSS¹	nap	nap	nap	nap	nap	5,996.05	6,092.91	6,149.40	6,466.65	6,821.52

Table 12 (cont)

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.95	7.43	7.73	8.38	8.69	7.76	10.78	18.15	16.71	16.99
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.00	0.60	2.60	2.79	2.00
Germany	nav	nav	nav	nav	nav	3.71	3.71	4.42	4.16	4.17
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	3.34	3.32	8.98
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	12.70	14.30	14.10	15.20	16.30	2.40	2.93	11.93	15.02	17.98
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	0.60	0.27	0.13	0.04	nav
Switzerland	6.80	8.20	8.40	8.60	8.60	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	neg	neg	neg	neg	neg
CPSS	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav

Note: Please refer to the individual country tables for a detailed explanation.

¹ Except as noted.Japan: ¹ For cash withdrawals at ATMs located in the country with cards issued in the country, total for the fiscal year ending March of the following year.CPSS: ¹ Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 is available.

Table 12a**Transactions at terminals: Increase in the number of cash withdrawals and loading transactions***(% change on previous year)*

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	-1.3	5.2	-6.2	83.6	-2.0	14.4	9.3	10.5	7.1	-4.9
Canada	nav	nav	nav	nav	nav	7.8	0.0	-1.1	-6.1	-2.6
France	nav	nav	nav	nav	nav	5.5	7.6	4.1	2.6	1.2
Germany	nav	nav	nav	nav	nav	10.8	-4.4	1.2	22.1	17.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	10.7	5.2	1.8	-5.7	4.4
Japan	nav	nav	nav	nav	nav	6.7	1.0	-5.5	-2.0	1.3
Netherlands	nav	nav	nav	nav	nav	4.4	4.3	0.6	0.2	-2.0
Singapore	nav	nav	nav	nav	nav	-15.4	2.7	4.1	-24.9	-4.8
Sweden	nav	nav	nav	nav	nav	3.5	4.4	-4.2	2.3	2.6
Switzerland	nav	15.6	1.9	-1.9	7.7	nav	10.8	5.5	2.5	-2.3
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	9.7	1.6	0.9	5.2	5.5

Table 12a (cont)

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	13.5	24.9	4.0	8.4	3.7	13.1	38.9	68.4	-7.9	1.7
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.0	nav	333.3	7.3	-28.3
Germany	nav	nav	nav	nav	nav	20.4	0.1	19.0	-5.8	0.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	-0.6	170.5
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	6.7	12.6	-1.4	7.8	7.2	14.0	22.4	306.8	25.9	19.7
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	-40.0	-54.5	-51.6	-66.7	nav
Switzerland	nav	20.6	2.4	2.4	0.0	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 13**Transactions at terminals: Value of cash withdrawals and loading transactions***(USD billions, total for the year)¹*

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.43	0.45	0.55	1.15	1.17	19.29	20.07	23.44	30.63	34.18
Canada	nav	nav	nav	nav	nav	67.14	66.99	68.92	75.45	82.15
France	nav	nav	nav	nav	nav	60.78	63.53	71.64	91.44	105.85
Germany	nav	nav	nav	nav	nav	233.79	233.14	249.82	342.70	422.70
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	65.40	65.55	88.88	80.93	95.63
Japan ¹	nav	nav	nav	nav	nav	225.09	201.84	195.91	206.93	219.93
Netherlands	nav	nav	nav	nav	nav	37.50	39.90	49.92	57.47	63.38
Singapore	nav	nav	nav	nav	nav	1.18	1.09	0.90	0.67	0.64
Sweden	nav	nav	nav	nav	nav	29.55	27.26	27.67	34.66	38.60
Switzerland	0.77	0.65	0.77	0.89	1.13	15.10	16.01	17.55	17.62	21.50
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	496.68	nav
CPSS¹	nap	nap	nap	nap	nap	754.83	735.39	794.65	938.49	1,084.56

Table 13 (cont)

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	0.68	0.82	1.00	1.29	1.44	0.19	0.30	0.63	0.63	0.67
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.00	0.02	0.08	0.09	0.07
Germany	nav	nav	nav	nav	nav	0.11	0.09	0.11	0.12	0.13
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	0.40	1.40	2.57
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	1.18	1.30	1.67	2.01	2.09	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	neg	neg	neg	neg	neg
CPSS	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates, except as noted.Japan: ¹ For cash withdrawals at ATMs located in the country with cards issued in the country, total for the fiscal year ending March of the following year, converted at average exchange rates for the fiscal year ending March.CPSS: ¹ Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 is available.

Table 13a**Transactions at terminals: Increase in the real value of cash withdrawals and loading transactions**(% change on previous year, adjusted by CPI inflation)¹

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	-2.6	3.8	14.2	73.2	-9.5	12.8	4.5	9.2	7.5	-0.5
Canada	nav	nav	nav	nav	nav	9.5	1.5	2.0	-5.0	-0.6
France	nav	nav	nav	nav	nav	2.9	5.7	5.0	4.3	2.8
Germany	nav	nav	nav	nav	nav	9.0	0.7	0.4	13.3	10.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	8.2	0.5	25.5	-26.1	5.0
Japan	nav	nav	nav	nav	nav	8.1	2.3	-4.6	-1.8	1.1
Netherlands	nav	nav	nav	nav	nav	0.5	4.2	14.3	-6.0	-1.2
Singapore	nav	nav	nav	nav	nav	-16.1	-4.9	-17.0	-28.7	-8.4
Sweden	nav	nav	nav	nav	nav	4.2	1.3	-6.5	1.8	0.2
Switzerland	nav	-16.2	8.4	-0.6	15.7	nav	4.8	0.5	-13.7	11.8
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	0.4	-4.5	6.7	15.8	12.8

Table 13a (cont)

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	14.4	21.4	13.5	5.9	-0.1	13.6	53.4	99.9	-17.7	-5.3
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.0	nav	292.4	-2.1	-26.7
Germany	nav	nav	nav	nav	nav	-6.6	-11.9	13.6	-13.5	-1.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	187.1	63.3
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	nav	8.9	17.4	3.2	-4.5	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav

Note: Please refer to the individual country tables for a detailed explanation.

¹ Value of cash withdrawals and loading transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 14
Transactions at terminals: Number of payment transactions
(millions, total for the year)

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	17.32	23.63	18.08	31.65	25.41	416.20	469.24	544.34	579.83	632.24
Canada	nav	nav	nav	nav	nav	3,230.90	3,556.60	3,897.00	4,228.00	4,580.99
France	nav	nav	nav	nav	nav	3,292.45	3,670.72	4,095.59	4,341.46	4,650.00
Germany	nav	nav	nav	nav	nav	1,464.51	1,678.33	1,900.19	2,053.89	2,274.69
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	317.92	433.39	552.04	610.73	671.97
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	826.82	985.30	1,155.59	1,266.24	1,374.36
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	256.00	326.00	454.08	541.84	616.14
Switzerland	21.50	23.50	23.10	24.00	24.30	225.20	258.70	284.70	302.70	317.70
United Kingdom	161.00	192.00	211.00	226.00	260.00	3,984.00	4,336.00	4,755.00	5,224.00	5,762.00
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	14,014.00	15,714.29	17,638.53	19,148.69	20,880.08

Table 14 (cont)

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	29.43	32.98	32.94	34.64	39.10	51.27	60.46	120.83	107.06	106.90
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.00	2.80	18.40	18.10	16.00
Germany	nav	nav	nav	nav	nav	26.63	29.35	35.85	37.37	38.31
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	1.03	2.73	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	25.33	30.90	87.02	109.16	127.27
Singapore	nav	nav	nav	nav	nav	100.10	102.20	702.11	1,535.90	1,598.15
Sweden	nav	nav	nav	nav	nav	2.90	1.50	0.70	0.20	nav
Switzerland	37.00	40.70	41.60	42.30	44.40	18.00	19.80	20.00	19.30	19.00
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	neg	neg	neg	neg	neg
CPSS¹	nap	nap	nap	nap	nap	224.23	247.01	985.94	1,829.83	1,905.63

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 14a**Transactions at terminals: Increase in the number of payment transactions***(% change on previous year)*

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	14.6	36.4	-23.5	75.1	-19.7	15.4	12.7	16.0	6.5	9.0
Canada	nav	nav	nav	nav	nav	15.0	10.1	9.6	8.5	8.3
France	nav	nav	nav	nav	nav	13.1	11.5	11.6	6.0	7.1
Germany	nav	nav	nav	nav	nav	17.4	14.6	13.2	8.1	10.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	28.1	36.3	27.4	10.6	10.0
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	14.5	19.2	17.3	9.6	8.5
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	13.0	27.3	39.3	19.3	13.7
Switzerland	nav	9.3	-1.7	3.9	1.3	nav	14.9	10.1	6.3	5.0
United Kingdom	20.1	19.3	9.9	7.1	15.0	14.7	8.8	9.7	9.9	10.3
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	16.8	12.1	12.2	8.6	9.0

Table 14a (cont)

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	4.0	12.1	-0.1	5.2	12.9	12.8	17.9	99.9	-11.4	-0.1
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.0	nav	557.1	-1.6	-11.6
Germany	nav	nav	nav	nav	nav	28.8	10.2	22.1	4.2	2.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	16.1	22.0	181.6	25.5	16.6
Singapore	nav	nav	nav	nav	nav	30.1	2.1	587.0	118.8	4.1
Sweden	nav	nav	nav	nav	nav	-31.0	-48.3	-53.3	-71.4	nav
Switzerland	nav	10.0	2.2	1.7	5.0	68.2	10.0	1.0	-3.5	-1.6
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nav	nav	nav	nav	nav	24.7	10.2	299.1	85.6	4.1

Note: Please refer to the individual country tables for a detailed explanation.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 15
Transactions at terminals: Value of payment transactions
(USD billions, total for the year)¹

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	1.70	2.42	1.73	3.64	3.50	21.13	22.89	27.55	35.23	41.52
Canada	nav	nav	nav	nav	nav	141.97	139.78	164.31	200.66	234.96
France	nav	nav	nav	nav	nav	140.90	152.13	179.09	230.30	272.83
Germany	nav	nav	nav	nav	nav	100.99	108.62	125.48	158.50	186.42
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	21.29	29.01	42.20	57.43	72.09
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	34.39	39.63	47.90	61.15	70.91
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	15.59	17.89	21.70	29.80	36.59
Switzerland	2.66	2.91	2.96	3.20	3.54	21.44	26.50	31.43	37.39	38.57
United Kingdom	18.11	20.16	23.87	29.46	36.05	260.41	269.22	319.51	395.11	500.55
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	758.11	805.66	959.17	1,205.57	1,454.43

Table 15 (cont)

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	2.65	2.78	3.01	3.75	4.06	0.18	0.24	0.63	0.62	0.66
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.00	0.01	0.07	0.08	0.07
Germany	nav	nav	nav	nav	nav	0.07	0.06	0.07	0.09	0.10
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	0.06	0.21	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.07	0.08	0.22	0.34	0.43
Singapore	nav	nav	nav	nav	nav	0.10	0.12	0.37	0.71	0.79
Sweden	nav	nav	nav	nav	nav	0.02	0.01	0.00	0.00	nav
Switzerland	4.62	4.86	5.46	6.39	7.41	0.04	0.04	0.04	0.05	0.06
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	neg	neg	neg	neg	neg
CPSS¹	nap	nap	nap	nap	nap	0.48	0.55	1.47	2.10	2.10

Note: Please refer to the individual country tables for a detailed explanation.

¹ Converted at yearly average exchange rates.

CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table 15a**Transactions at terminals: Increase in the real value of payment transactions**(% change on previous year, adjusted by CPI inflation)¹

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	14.8	42.5	-32.9	72.4	-14.0	12.2	8.8	12.5	5.2	5.1
Canada	nav	nav	nav	nav	nav	14.5	0.1	16.5	6.0	6.8
France	nav	nav	nav	nav	nav	11.3	9.2	9.6	5.1	5.2
Germany	nav	nav	nav	nav	nav	15.1	8.6	8.2	4.4	5.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	18.0	36.6	34.6	10.5	11.6
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	13.0	12.8	10.5	4.3	3.9
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	11.1	26.0	11.8	11.6	10.4
Switzerland	nav	7.8	-6.7	-7.1	1.5	nav	22.3	8.7	2.2	-5.5
United Kingdom	33.7	15.5	12.2	11.9	7.6	17.7	7.3	12.4	12.1	11.4
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	nav	4.2	17.5	23.2	17.7

Table 15a (cont)

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium	5.8	5.4	1.0	2.5	-3.3	14.6	31.8	144.4	-19.1	-5.4
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	0.0	nav	586.7	-2.1	-26.2
Germany	nav	nav	nav	nav	nav	-2.5	-8.2	11.6	-1.5	5.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	192.1	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	4.2	11.1	168.3	23.4	15.9
Singapore	nav	nav	nav	nav	nav	86.4	22.3	215.5	87.0	5.5
Sweden	nav	nav	nav	nav	nav	-34.5	-53.7	-43.2	-75.6	nav
Switzerland	nav	4.1	3.0	0.5	6.1	nav	-1.0	-0.6	-0.6	-0.8
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	27.5	-0.3	149.4	27.7	8.1

Note: Please refer to the individual country tables for a detailed explanation.

¹ Value of payment transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms.CPSS: ¹ Sum or average excluding those countries for which data are not available.

Table PS1**Features of selected interbank funds transfer systems***(at end-2004)*

System	Type	Settlement	Owner/manager	Processing	Membership	Degree of centralisation
Belgium						
ELLIPS	L	RTGS	B+CB	RTT	R	C
Clearing house	R	MN	B+CB	RTT	O	C
CEC	R	MN	B+CB	RTT	O	C
Canada						
LVTS	L	MN	PA	RTT	O	C
France						
TBF	L	RTGS	CB	RTT	R	C
PNS	L	BN/RTGS	CB+B/PA	RTT	O	C
SIT	R	MN	CB+B/PA	ACH	O	C
Germany						
RTGS ^{plus}	L	RTGS	CB	RTT	R	C
RPS	R	G	CB	ACH	O	C
Hong Kong SAR						
HKD CHATS	L+R	RTGS	CMA ¹	RTT	R	C
USD CHATS	L+R	RTGS	B	RTT	O	C
EUR CHATS	L+R	RTGS	B	RTT	O	C
Italy						
BI-REL	L	RTGS	CB	RTT	R	C
BI-COMP	R	MN	CB	ACH	O	C
Japan						
BOJ-NET	L	RTGS	CB	RTT	R	C
FXYCS	L	MN ¹ /RTGS	B	RTT	R	C
Zengin System	R	MN ¹	B	RTT	R	C
Tokyo Clearing House	R	MN	B	M / ACH	R	C
Netherlands						
TOP	L	RTGS	CB	RTT	R	C
Interpay	R	MN/BA	B	ACH	R	C
Singapore						
MEPS	L	RTGS	CB	RTT	O	C
SGDCCS	R	MN	PA	ACH	O	C
USDCCS	R	G	PA	ACH	O	C
IBG	R	MN	PA	ACH	O	C
EFTPOS	R	MN	B	RTT	R	C
Sweden						
E-RIX	L	RTGS	CB	RTT	R	C
K-RIX	L	RTGS	CB	RTT	R	C
Bankgirot	R	MN	B	ACH	O	C
Dataclearing	R	MN	B	ACH	O	C
Switzerland						
SIC	L+R	RTGS	B+CB	RTT	O ¹	C
DTA/LSV	R	G	B	ACH	O ¹	C
United Kingdom						
CHAPS Euro	L	RTGS	B+CB	RTT	R	C
CHAPS Sterling	L	RTGS	B+CB	RTT	R	C
Cheque/credit	R	N	B	ACH	R	C
BACS	R	N	B	M	R	D
United States¹						
CHIPS ²	L	MN/BN/G	B	RTT	R	C
Fedwire	L	RTGS	CB	RTT	O ³	C
European Union						
TARGET	L	RTGS	CB/B/PA	RTT	R/O	C
EURO1 / STEP1	L	MN	B	RTT	R	C
STEP2	R	BA	B	ACH	R	C
<i>Memo:</i>						
CLS	FX	RTGS	B ¹	RTT	R	C

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS1 (cont)

System	Pricing	Closing time for transactions	Settlement	Cut-off third-	Standard money market hours opening	closing
Belgium						
ELLIPS	F	18:00	real time	17:00	07:00	18:00
Clearing house	F	15:15	nav	nav	nap	nap
CEC	F	15:00	nav	nav	nap	nap
Canada						
LVTS	F	18:30	intraday ¹	18:00	nap ²	nap
France						
TBF	F	18:00	real time	17:00	09:00	17:00
PNS	F	16:00	real time	16:00	09:00	17:00
SIT	F	13:30	nav	nav	nap	nap
Germany						
RTGS ^{plus}	F	18:00	real time	17:00	07:30	18:00
RPS	F	07:00/09:00 ¹	intraday	nap	nap	nap
Hong Kong SAR						
HKD CHATS	F	17:30	real time	17:00	09:00	17:30
USD CHATS	F	17:30	real time	17:00	09:00	17:30
EUR CHATS	F	17:30	real time	17:00	09:00	17:30
Italy						
BI-REL	F	18:00	real time	17:00	07:00	18:00
BI-COMP	F	12:00	¹	12:00	nap	nap
Japan						
BOJ-NET	V ²	19:00 ³	real time	14:00 ⁴	08:30	19:00
FXYCS	F	13:45/19:00 ³	14:30/real time	13:45/19:00	08:30	19:00
Zengin System	F	15:30	16:15	15:30	08:30	19:00
Tokyo Clearing House	F	8:00 ⁵	12:30	8:00 ⁵	08:30	19:00
Netherlands						
TOP	F	18:00	real time	17:00	07:00	18:00
Interpay	F	17:00	every 30 mins ¹	15:30	nap	nap
Singapore¹						
MEPS	V	18:30 (14:45)	real time (14:45)	18:30 (14:45) ²	09:00	18:30
SGDCCS	F	17:00 (13:30)	T+1: 15:45 (14:30)	17:00	nap	nap
USDCCS	F	15:30 (nap)	T+1: 17:00	15:30	nap	nap
IBG	F	12:00 (10:00)	T+1: 18:15 (14:30)	12:00	nap	nap
EFTPOS	F	22:00	T+1: 20:00 ³	nap	nap	nap
Sweden						
E-RIX	F	18:00	real time	17:00	09:00	16:15
K-RIX	F	17:00	real time	17:00	09:00	16:15
Bankgirot	F	nap ¹	intraday ²	16:20 ³	nap	nap
Dataclearing	F	nap ¹	intraday ²	15:20 ⁴	nap	nap
Switzerland						
SIC	F	16:15 ²	real time	15:00	09:00	16:00
DTA/LSV	F	10:00	13:00 – 16:15	10:00	nap	nap
United Kingdom						
CHAPS Euro	F	17:00	real time	16:00	07:00	16:00
CHAPS Sterling	F	17:00	real time	16:00	07:00	16:00
Cheque/credit	F	nap	¹	nav	nap	nap
BACS	F	nap	¹	nav	nap	nap
United States¹						
CHIPS ²	F	17:00	intraday ⁴	17:00	08:30 ⁵	18:30
Fedwire	F	18:30	real time	18:00	08:30 ⁵	18:30
European Union¹						
TARGET	F	18:00	real-time	17:00	07:00	18:00
EURO1 / STEP1	F	16:00	about 16:30	16:00	07:00	18:00
STEP2	F	nap	about 07:30 ²	22:00 on T-1	07:00	18:00
<i>Memo:</i>						
CLS	F	06:30 ²	real-time	nap	nap	nap

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS2

Payments processed by selected interbank funds transfer systems: Number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
ELLIPS	1.8	1.8	1.7	1.8	1.8	16.3	3.4	-6.0	1.7	1.1
Clearing house	4.2	3.5	1.7	1.6	1.3	-15.4	-16.0	-50.9	-9.2	-16.6
CEC	883.1	917.7	985.4	1,019.0	1,009.6	-5.5	3.9	7.4	3.4	-0.9
Canada										
LVTS	3.5	3.7	3.9	4.1	4.3	16.7	5.7	5.4	5.1	4.9
France										
TBF	3.0	3.8	3.8	3.9	4.0	30.4	26.8	0.2	1.3	3.6
PNS	5.5	8.0	7.6	7.4	7.0	5.8	45.5	-5.2	-3.0	-4.7
SIT	6,485.3	7,131.1	11,043.5	11,298.2	11,614.9	9.7	10.0	54.9	2.3	2.8
CH Paris	682.2	677.8	93.3	nap	nap	-0.2	-0.7	-86.2	nap	nap
CH Province	2,771.7	2,469.1	53.6	nap	nap	4.1	-10.9	-97.8	nap	nap
CREIC	307.7	270.2	4.3	nap	nap	1.0	-12.2	-98.4	nap	nap
Germany²										
RTGS ^{plus} (former ELS)	21.5	23.9	31.9	32.8	34.1	15.1	10.8	33.7	2.8	3.9
EAF (former EAF2)	13.0	11.0	nap	nap	nap	7.4	-15.2	nap	nap	nap
RPS (former DTA)	2,226.6	2,197.5	2,156.8	2,188.4	2,230.3	2.3	-1.3	-1.9	1.5	1.9
Hong Kong SAR										
HKD CHATS	3.4	3.5	3.4	3.5	3.8	8.2	1.8	-1.5	2.6	7.6
USD CHATS	0.2	0.7	0.8	1.0	1.3	nap	273.5	17.8	22.7	27.4
EUR CHATS	nap	nap	nap	neg	neg	nap	nap	nap	nap	nap
Italy										
BI-REL	10.4	10.2	9.6	9.4	9.1	2.4	-1.5	-6.2	-2.0	-3.6
BI-COMP	1,113.9	1,375.2	1,733.2	1,808.7	1,867.6	4.7	23.5	26.0	4.4	3.3
Japan										
BOJ-NET	4.7	5.0	4.8	4.9	5.2	-2.0	7.0	-5.1	2.9	5.1
FXYCS	9.3	9.6	9.2	8.0	7.4	-7.0	2.9	-3.4	-13.2	-7.5
Zengin System	1,167.6	1,220.0	1,244.5	1,260.8	1,286.9	4.3	4.5	2.0	1.3	2.1
Tokyo Clearing House	78.0	71.6	63.0	57.5	53.2	-6.2	-8.3	-12.0	-8.7	-7.6
Netherlands										
TOP	3.8	4.1	4.8	4.9	5.0	14.3	8.6	15.4	3.5	1.2
Interpay	2,327.9	2,557.6	2,811.5	2,964.2	3,122.9	6.0	9.9	9.9	5.4	5.4
Singapore										
MEPS	1.9	2.1	2.0	2.1	2.2	2.1	8.4	-1.4	4.4	5.2
SGDCCS	91.3	91.6	90.3	87.0	86.1	-1.0	0.4	-1.4	-3.6	-1.1
USDCCS	0.4	0.4	0.4	0.6	0.7	4.1	2.2	10.9	25.0	26.3
IBG	30.0	33.6	46.0	62.4	67.1	2.0	12.2	36.7	35.7	7.6
EFTPOS	76.9	87.7	97.2	105.8	114.8	17.0	14.0	10.8	8.9	8.5
Sweden										
E-RIX	0.1	0.1	0.1	0.1	0.1	20.0	16.7	42.9	-10.5	21.6
K-RIX	0.5	0.7	1.1	1.3	1.3	70.0	28.4	67.9	18.4	-1.2
Bankgirot	351.0	345.2	363.0	382.0	430.0	3.8	-1.7	5.2	5.2	12.6
Dataclearing	78.2	66.9	73.0	109.0	84.0	-8.0	-14.5	9.1	49.3	-22.9
Switzerland										
SIC	149.5	161.1	177.0	192.7	209.1	5.5	7.8	9.9	8.9	8.5
DTA/LSV	105.9	103.7	103.3	100.1	94.0	1.3	-2.1	-0.4	-3.1	-6.1
United Kingdom										
CHAPS Euro	2.0	2.6	3.7	4.3	4.7	32.9	28.9	42.0	17.2	9.3
CHAPS Sterling	21.7	24.0	25.6	27.2	28.3	9.7	10.4	6.7	6.5	4.1
Cheque/credit	164.7	160.9	153.8	143.9	135.9	-7.5	-2.3	-4.4	-6.4	-5.6
BACS	1,306.5	1,375.3	1,446.1	1,630.4	2,012.6	6.0	5.3	5.2	12.7	23.4
United States										
CHIPS	59.8	60.4	63.3	64.5	68.5	4.4	1.0	4.8	1.9	6.2
Fedwire	108.3	112.5	115.0	123.3	125.1	5.4	3.8	2.2	7.2	1.5
European Union										
TARGET	48.0	53.7	64.5	66.6	69.2	13.6	11.9	20.1	3.3	3.9
EURO1 / STEP1	24.7	29.7	37.1	43.1	44.3	40.2	19.9	25.0	16.2	2.9
STEP2	nap	nap	nap	nap	26.2	nap	nap	nap	nap	nap
<i>Memo:</i>										
CLS ³	nap	nap	1.7	19.3	32.6	nap	nap	nap	1,040.5	69.0

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS3

Payments processed by selected interbank funds transfer systems: Value of transactions

(total for the year)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
ELLIPS	12,212	12,808	12,573	15,306	18,232	6,860.9	6,960.9	7,267.7	8,696.6	10,242.7
Clearing house	96	79	71	74	73	23.0	22.6	40.9	46.8	56.0
CEC	446	455	500	623	727	0.5	0.5	0.5	0.6	0.7
Canada										
LVTs	17,530	18,395	18,444	22,518	25,378	5,008.4	4,971.7	4,729.2	5,492.1	5,901.9
France										
TBF	62,765	78,365	86,007	108,745	134,689	20,921.7	20,595.2	22,562.1	28,150.4	33,647.1
PNS	20,117	19,977	18,848	20,298	21,718	3,657.6	2,497.1	2,486.2	2,760.6	3,099.4
SIT	2,264	2,187	4,187	5,274	5,674	0.3	0.3	0.4	0.5	0.5
CH Paris	669	683	173	nap	nap	1.0	1.0	1.9	nap	nap
CH Province	1,071	883	22	nap	nap	0.4	0.4	0.4	nap	nap
CREIC	24	21	0	nap	nap	0.1	0.1	0.1	nap	nap
Germany²										
RTGS ^{plus} (former ELS)	48,159	61,501	117,621	145,116	156,996	2,236.4	2,577.6	3,688.0	4,425.3	4,609.5
EAF (former EAF2)	38,237	31,343	nap	nap	nap	2,944.1	2,845.7	nap	nap	nap
RPS (former DTA)	2,067	1,971	1,991	2,372	2,637	0.9	0.9	0.9	1.1	1.2
Hong Kong SAR										
HKD CHATS	11,678	11,134	10,536	11,174	13,146	3,424.6	3,208.8	3,082.5	3,185.3	3,482.4
USD CHATS	242	931	1,274	1,232	1,356	1,309.9	1,346.8	1,565.3	1,233.2	1,065.0
EUR CHATS	nap	nap	nap	135	230	nap	nap	nap	nav	nav
Italy										
BI-REL	25,584	24,289	23,706	27,953	34,881	2,460.3	2,370.2	2,466.2	2,966.4	3,841.2
BI-COMP	2,079	2,191	2,449	3,207	3,742	1.9	1.6	1.4	1.8	2.0
Japan										
BOJ-NET	328,430	156,640	143,988	161,914	188,800	69,652.6	31,043.2	30,071.3	32,876.8	36,458.5
FXYCS	57,960	56,587	48,887	41,567	39,774	6,233.3	5,916.6	5,292.1	5,185.5	5,365.5
Zengin System	20,785	20,113	17,810	18,909	20,824	17.8	16.5	14.3	15.0	16.2
Tokyo Clearing House	7,254	5,247	3,992	3,832	3,948	93.0	73.3	63.4	66.6	74.3
Netherlands										
TOP	19,519	21,665	23,520	29,660	36,876	5,141.1	5,252.8	4,943.3	6,023.8	7,400.2
Interpay	1,342	1,407	1,575	2,005	2,278	0.6	0.6	0.6	0.7	0.7
Singapore										
MEPS	5,557	6,447	5,604	5,658	5,831	2,909.7	3,114.5	2,747.1	2,656.5	2,603.1
SGDCCS	263	233	212	212	229	2.9	2.5	2.4	2.4	2.7
USDCCS	12	11	11	14	20	31.4	27.4	24.9	24.6	28.1
IBG	42	45	51	62	72	1.4	1.3	1.1	1.0	1.1
EFTPOS	3	3	3	4	5	0.0	0.0	0.0	0.0	0.0
Sweden										
E-RIX	1,796	1,377	1,383	2,141	2,405	29,929.4	19,672.8	13,829.8	23,923.6	22,098.2
K-RIX	11,690	10,962	11,731	13,899	14,839	22,921.0	16,735.7	10,664.4	10,675.2	11,530.0
Bankgirot	407	376	416	523	624	1.2	1.1	1.1	1.4	1.5
Dataclearing	147	107	124	229	211	1.9	1.6	1.7	2.1	2.5
Switzerland										
SIC	26,425	26,905	28,767	33,202	33,762	176.8	167.0	162.5	172.3	161.5
DTA/LSV	228	225	229	253	244	2.1	2.2	2.2	2.5	2.6
United Kingdom										
CHAPS Euro	22,356	26,837	26,649	35,227	40,820	11,166.8	10,401.8	7,273.2	8,205.8	8,698.1
CHAPS Sterling	74,306	76,167	77,864	84,267	95,875	3,423.4	3,178.6	3,045.9	3,096.3	3,385.2
Cheque/credit	133	124	123	124	128	0.8	0.8	0.8	0.9	0.9
BACS	2,124	2,317	2,646	3,119	3,903	1.6	1.7	1.8	1.9	1.9
United States										
CHIPS	292,147	311,707	315,709	326,561	345,793	4,888.6	5,162.6	4,987.7	5,061.9	5,045.0
Fedwire	379,756	423,606	405,762	436,706	469,899	3,506.1	3,766.9	3,529.0	3,542.4	3,756.1
European Union										
TARGET	242,463	295,330	372,925	474,993	551,613	5,051.3	5,499.6	5,781.8	7,132.0	7,971.3
EURO1 / STEP1	45,719	46,572	45,276	50,576	54,877	1,848.0	1,570.6	1,221.6	1,174.2	1,238.1
STEP2	nap	nap	nap	nap	75	nap	nap	nap	nap	2.9
Memo:										
CLS ³	nap	nap	23,790	220,574	379,506	nap	nap	14,074.6	11,442.5	11,649.8

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

¹ Converted at yearly average exchange rates.

Table PS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
ELLIPS	1.9	5.4	-8.2	0.1	6.3	5,267.9	5,528.7	4,985.0	4,937.7	5,093.9
Clearing house	-9.2	-17.2	-16.6	-14.6	-11.0	41.6	34.3	28.1	23.7	20.5
CEC	-0.9	2.5	2.9	2.5	3.9	192.2	196.2	198.4	201.1	203.0
Canada										
LVTS	14.4	6.7	-0.6	6.0	2.8	2,418.5	2,571.5	2,508.7	2,592.7	2,559.3
France										
TBF	2.1	26.2	2.2	3.3	10.0	4,728.6	5,849.2	5,892.2	6,076.7	6,576.9
PNS	-10.8	0.4	-12.1	-12.0	-5.0	1,515.6	1,491.1	1,291.2	1,134.3	1,060.5
SIT	2.8	-2.3	78.3	2.9	-4.5	170.6	163.3	286.9	294.7	277.1
CH Paris	-16.9	3.3	-76.4	nap	nap	50.4	51.0	11.9	nap	nap
CH Province	6.7	-16.6	-97.7	nap	nap	80.7	65.9	1.5	nap	nap
CREIC	-9.7	-12.2	-98.3	nap	nap	1.8	1.5	0.0	nap	nap
Germany²										
RTGS ^{plus} (former ELS)	9.9	29.0	79.1	1.9	-3.4	2,535.5	3,252.4	5,817.4	5,941.7	5,703.3
EAF (former EAF2)	4.9	-17.2	nap	nap	nap	2,013.2	1,657.5	nap	nap	nap
RPS (former DTA)	-1.2	-3.7	-5.4	-1.5	-0.8	108.8	104.2	98.5	97.1	95.8
Hong Kong SAR										
HKD CHATS	25.6	-3.0	-2.4	8.7	17.7	6,920.0	6,685.9	6,435.9	7,056.1	7,931.6
USD CHATS	nap	290.7	41.2	-0.9	10.1	143.6	558.8	778.3	777.9	818.0
EUR CHATS	nap	nap	nap	nap	71.3	nap	nap	nap	85.0	139.1
Italy										
BI-REL	9.9	-4.8	-9.7	-4.3	10.9	2,381.6	2,227.5	1,995.1	1,903.3	2,077.6
BI-COMP	6.1	5.7	3.4	6.4	3.7	193.5	201.0	206.1	218.4	222.9
Japan										
BOJ-NET	3.3	-45.8	-4.3	4.3	8.8	7,064.5	3,832.0	3,685.1	3,826.5	4,117.4
FXYCS	-11.5	10.9	-10.1	-21.1	-10.7	1,246.7	1,384.3	1,251.2	982.4	867.4
Zengin System	3.2	9.9	-7.9	-1.5	2.8	447.1	492.0	455.8	446.9	454.1
Tokyo Clearing House	-6.0	-17.8	-20.8	-11.0	-3.9	156.0	128.4	102.2	90.6	86.1
Netherlands										
TOP	15.8	8.7	-0.8	3.0	11.4	5,268.9	5,407.5	5,363.7	5,515.4	6,074.3
Interpay	5.9	2.7	2.3	4.0	1.8	362.1	351.2	359.3	372.9	375.3
Singapore										
MEPS	2.3	19.4	-12.8	-2.2	-1.7	6,003.0	7,511.9	6,335.5	6,125.8	5,458.8
SGDCCS	-8.6	-8.7	-8.6	-3.6	3.2	284.0	271.7	240.1	229.0	214.1
USDCCS	37.9	-8.0	0.9	19.7	37.8	13.2	12.7	12.4	14.7	18.4
IBG	7.6	10.8	14.2	16.9	10.9	45.2	52.5	58.0	67.0	67.3
EFTPOS	13.1	15.8	13.2	12.4	13.8	2.9	3.6	3.9	4.3	4.5
Sweden										
E-RIX	27.7	-15.8	-7.4	25.8	1.0	750.3	627.7	571.3	709.7	694.7
K-RIX	4.9	3.0	-1.4	-3.7	-4.0	4,884.4	4,996.7	4,845.8	4,607.9	4,286.4
Bankgirot	12.7	1.3	2.1	2.2	7.3	170.1	171.2	171.8	173.4	180.4
Dataclearing	-11.9	-20.0	6.9	49.8	-17.3	61.4	48.8	51.3	76.0	60.9
Switzerland										
SIC	1.5	0.7	-2.0	-0.8	-6.9	10,738.3	10,740.6	10,394.2	10,278.6	9,402.6
DTA/LSV	3.0	-2.3	-6.6	-5.2	-11.7	92.5	89.7	82.8	78.3	67.9
United Kingdom										
CHAPS Euro	11.6	24.6	-5.9	19.8	1.9	1,550.6	1,870.4	1,694.1	1,951.0	1,913.2
CHAPS Sterling	9.1	6.4	-3.2	-1.9	0.1	5,153.8	5,308.5	4,949.8	4,667.0	4,493.6
Cheque/credit	-6.9	-3.2	-5.9	-8.9	-9.4	9.2	8.7	7.8	6.9	6.0
BACS	9.2	13.2	8.2	6.9	10.1	147.3	161.5	168.2	172.7	182.9
United States										
CHIPS	-5.1	3.8	-0.3	1.1	3.1	2,975.9	3,077.7	3,010.5	2,967.7	2,946.7
Fedwire	7.0	8.5	-5.7	5.2	4.8	3,868.4	4,182.5	3,869.2	3,968.6	4,004.3
European Union										
TARGET	7.7	22.5	17.2	4.2	3.3	nap	nap	nap	nap	nap
EURO1 / STEP1	10.0	2.4	-9.7	-8.6	-3.5	nap	nap	nap	nap	nap
STEP2	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS4
Participation in selected interbank funds transfer systems
(end of year)

System	Total number of participants					of which: direct participants				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
ELLIPS	98	96	93	89	87	17	17	17	16	15
Clearing house	97	94	92	88	83	39	34	34	32	27
CEC	99	94	95	89	85	41	33	30	28	24
Canada										
LVTS	14	14	14	14	15	14	14	14	14	15
France										
TBF	651	646	705	523	508	200	195	195	156	150
PNS	468	468	537	512	496	24	24	24	21	19
SIT	311	677	660	640	628	17	17	17	15	14
CH Paris	368	331	nap	nap	nap	25	27	nap	nap	nap
CH Province	267	267	nap	nap	nap	219	219	nap	nap	nap
CREIC	28	28	nap	nap	nap	28	28	nap	nap	nap
Germany²										
RTGS ^{plus} (former ELS)	2,486	59	75	93	127	2,486	59	75	93	127
EAF (former EAF2)	67	nap	nap	nap	nap	67	nap	nap	nap	nap
RPS (former DTA)	331	326	318	316	320	331	326	318	316	320
Hong Kong SAR										
HKD CHATS	134	134	130	130	130	134	134	130	130	130
USD CHATS	123	180	212	227	232	62	65	64	67	68
EUR CHATS	nap	nap	nap	45	45	nap	nap	nap	23	23
Italy										
BI-REL	873	863	844	787	767	699	682	663	204	120
BI-COMP	nav	nav	nav	nav	nav	213	211	207	179	139
Japan										
BOJ-NET ⁶	398	383	378	371	363	398	383	378	371	363
FXYCS ⁷	250	244	234	230	223	42	40	37	34	34
Zengin System	2,300	2,021	1,816	1,678	1,619	155	154	153	149	146
Tokyo Clearing House	455	420	381	370	356	124	121	116	111	106
Netherlands										
TOP	163	166	166	155	161	105	108	108	106	102
Interpay	72	72	72	73	69	72	72	72	73	69
Singapore										
MEPS	136	130	119	117	115	92	86	76	70	67
SGDCCS	112	104	85	61	60	41	40	36	34	34
USDCCS	53	53	48	43	42	30	31	31	31	31
IBG	49	45	38	38	39	38	41	35	35	36
EFTPOS	5	5	3	4	4	5	5	3	4	4
Sweden										
E-RIX	18	15	13	13	13	18	15	13	13	13
K-RIX	22	20	19	19	18	22	20	19	19	18
Bankgirot	20	21	19	19	17	20	21	19	19	17
Dataclearing	20	21	19	19	17	20	21	19	19	17
Switzerland										
SIC	302	313	314	307	306	302	313	314	307	306
DTA/LSV	157	155	155	82	86	157	155	155	82	86
United Kingdom										
CHAPS Euro	nap	nap	nap	nap	nap	20	20	20	19	19
CHAPS Sterling	nap	nap	nap	nap	nap	14	13	13	13	13
Cheque/credit	60,000	62,000	62,000	62,000	65,000	15	14	14	14	14
BACS	464	516	418	404	432	12	12	12	12	12
United States										
CHIPS	63	58	54	54	51	63	58	54	54	51
Fedwire ^{6,7}	7,946	7,772	7,550	7,374	7,134	7,946	7,772	7,550	7,374	7,134
European Union										
TARGET ³	4,776	2,324	2358	2,111	2,229	4,034	1,569	1,544	1,054	989
EURO1 / STEP1	72	73	74	71	75	72	73	74	71	75
STEP2	nap	nap	nap	nap	78	nap	nap	nap	nap	78
<i>Memo:</i>										
CLS	nap	nap	50	54	57	nap	nap	50	54	56

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS4 (cont)

System	Concentration ratio in terms of volume (in %)					Concentration ratio in terms of value (in %)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
ELLIPS	nav	80.0	83.0	82.0	84.0	nav	85.0	87.0	88.0	89.0
Clearing house	69.0	72.0	74.0	78.0	82.0	74.0	72.0	71.0	81.0	85.0
CEC	74.0	73.0	74.0	81.0	83.0	73.0	73.0	74.0	80.0	81.0
Canada										
LVTS	85.5	84.7	84.2	84.1	84.0	82.7	82.9	81.3	80.2	79.9
France										
TBF	44.8	41.0	44.1	46.2	47.1	38.7	43.6	46.1	48.1	52.0
PNS	nav	60.1	63.3	63.7	62.8	nav	54.6	61.6	61.1	59.0
SIT	nav	nav	57.1	57.5	60.4	nav	nav	49.7	50.7	60.5
CH Paris	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CH Province	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CREIC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany										
RTGS ^{plus} (former ELS)	nav	nav	53.3	52.5	51.9	nav	nav	53.7	53.7	53.7
EAF (former EAF2)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
RPS (former DTA)	nav	nav	nav	20.2	18.7	nav	nav	nav	33.0	29.3
Hong Kong SAR										
HKD CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
USD CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
EUR CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy										
BI-REL	41.7	40.7	45.1	47.3	47.5	34.3	38.7	37.7	38.8	44.7
BI-COMP	26.2	26.2	34.0	35.5	41.6	24.8	22.5	31.5	33.3	36.6
Japan										
BOJ-NET	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
FXYCS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Zengin System	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Tokyo Clearing House	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands										
TOP	74.7	70.4	64.2	62.7	62.0	70.4	70.8	70.7	69.4	69.1
Interpay	93.2	93.3	93.4	93.5	93.5	91.8	92.3	92.0	92.2	93.0
Singapore										
MEPS	52.0	53.0	56.0	61.0	56.0	nav	nav	nav	nav	52.0
SGDCCS	76.1	76.5	85.6	77.6	87.9	64.3	69.2	81.1	71.7	82.5
USDCCS	60.3	57.8	63.3	65.2	70.6	34.5	59.4	61.0	62.5	64.5
IBG	74.5	73.1	83.8	88.6	88.7	69.2	69.2	74.1	80.3	80.0
EFTPOS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sweden										
E-RIX	66.9	nav	84.5	86.4	86.6	83.3	nav	77.7	78.4	82.2
K-RIX	66.9	nav	84.5	86.4	86.6	83.3	nav	77.7	78.4	82.2
Bankgirot	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Dataclearing	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland										
SIC	54.5	54.4	55.1	57.8	60.5	72.9	71.9	70.5	70.0	70.2
DTA/LSV	54.5	54.4	55.1	57.8	60.5	72.9	71.9	70.5	70.0	70.2
United Kingdom										
CHAPS Euro	72.0	69.0	69.0	70.0	72.0	82.0	84.0	84.0	83.0	81.0
CHAPS Sterling	84.0	84.0	83.0	81.0	80.0	80.0	79.0	78.0	77.0	78.0
Cheque/credit	79.0	78.0	78.0	78.0	79.0	81.0	81.0	80.0	80.0	79.0
BACS	76.0	75.0	74.0	74.0	76.0	nav	nav	nav	nav	nav
United States										
CHIPS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Fedwire	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
European Union										
TARGET	19.8	16.8	26.4	25.9	25.5	19.4	17.9	22.3	21.8	21.7
EURO1 / STEP1	25.2	24.3	23.5	22.8	25.5	43.6	43.0	44.0	44.5	45.4
STEP2	nav	nav	nav	nav	38.9	nav	nav	nav	nav	36.2

Note: For the footnotes regarding the systems, see after Table PS4a (page 204).

Table PS4a
Participation in selected interbank funds transfer systems: Direct participants
(at end-2004)

Country/area	Central bank	Banks	Non-banks					
			Total	Public administration	Postal institution	Clearing and settlement orgs	Other financial institutions	Other
Belgium								
ELLIPS	1	13	1	0	1	0	0	0
Clearing house	1	25	1	0	1	0	0	0
CEC	1	22	1	0	1	0	0	0
Canada								
LVTS	1	11	3	1	0	0	2	0
France								
TBF	1	139	7	0	1	1	5	0
PNS	nap	17	1	0	1	0	0	0
SIT	1	12	1	0	1	0	0	0
Germany								
RTGS ^{plus}	1	126	0	0	0	0	0	0
RPS	1	319	0	0	0	0	0	0
Hong Kong SAR								
HKD CHATS	0	130	0	0	0	0	0	0
USD CHATS	1	67	0	0	0	0	0	0
EUR CHATS	1	22	0	0	0	0	0	0
Italy								
BI-REL	1	115	4	0	1	2	1	0
BI-COMP	1	135	3	1	1	0	1	0
Japan								
BOJ-NET ⁶	0	304	59	1	1	6	51 ⁸	0
FXYCS ⁷	0	34	0	nap	nap	nap	nap	nap
Zengin System	0	146	0	nap	nap	nap	nap	nap
Tokyo Clearing House	1	104	1	0	1	0	0	0
Netherlands								
TOP	1	97	4	1	0	3	0	6
Interpay	0	69	0	0	0	0	0	0
Singapore								
MEPS	1	66	0	0	0	0	0	0
SGDCCS	1	33	0	0	0	0	0	0
USDCCS	0	31	0	0	0	0	0	0
IBG	0	36	0	0	0	0	0	0
EFTPOS	0	4	0	0	0	0	0	0
Sweden								
E-RIX	1	8	3	0	0	2	1	0
K-RIX	1	12	7	1	0	3	3	0
Bankgirot	0	18	0	0	0	0	0	0
Dataclearing	0	18	0	0	0	0	0	0
Switzerland								
SIC	1	297	8	1	1	0	0	6
DTA/LSV	0	86	0	0	0	0	0	0
United Kingdom								
CHAPS Euro	1	18	0	0	0	0	0	0
CHAPS Sterling	1	12	0	0	0	0	0	0
Cheque/credit	1	13	0	0	0	0	0	0
BACS	1	11	0	0	0	0	0	0
United States								
CHIPS	nap	51	nav	nav	nav	nav	nav	nav
Fedwire	1	7,134 ¹	nav	nav	nav	nav	nav	nav
European Union								
TARGET ⁴	16	nav	nav	nav	nav	nav	nav	nav
EURO1 / STEP1 ⁵	4	71	0	0	0	0	0	0
STEP2	4	74	0	0	0	0	0	0
<i>Memo:</i>								
CLS	0	54	2	0	0	0	2	0

Note: For the footnotes regarding the systems, see after this table (page 204).

Footnotes for Tables PS1–4a

Canada: ¹ Final settlement occurs at 19:30. However, due to the risk controls in place, the LVTS provides intraday settlement finality. ² No standard hours.

Germany: ¹ 07:00 for credit transfers; 09:00 for direct debits and electronic cheque transfer. ² Introduction of RTGS^{plus} on 5 November 2001 and close down of ELS and EAF. ELS serves, along with SWIFT, as a means of communication to RTGS^{plus} only.

Hong Kong SAR: ¹ Central Monetary Authority.

Italy: ¹ Transfer orders are legally enforceable and binding on third parties when the system completes the gathering of the transfer orders or the bilateral balances stemming from the two BI-COMP subsystems ("Local Clearing" and "Retail").

Japan: ¹ Obligations between participants are replaced with those between participants and Tokyo Bankers Association, which are subject to bilateral netting. ² Prices are set on the principle that the institutions that are to benefit from online processing should pay the relevant fees. ³ Closing time is 19:00 for participants who have applied for access to the extended hours, and 17:00 for others. ⁴ With the consent of the receiving bank, third party orders may be entered for same day settlement until the closing time of the system. ⁵ Bills and checks for sorting at the clearing house must be submitted by 21:00 of the day before the value date. ⁶ Number of online participants. ⁷ Includes CLS Bank, which participates only in gross settlement mode, and which is counted as a direct participant in this table. ⁸ Securities firms, securities finance companies, money market brokers, and government-affiliated financial institutions.

Netherlands: ¹ In principle; sometimes less.

Singapore: ¹ Where they differ, times for Saturdays are shown in brackets. ² MEPS does not impose a cut-off time for third-party/international correspondents' payments, but the Association of Banks in Singapore (ABS) bye-laws on MEPS require all such payments to be made by 17:30 on Mondays-Fridays and 12:30 on Saturdays. ³ On weekend transaction submissions, settlement occurs on the following Monday.

Sweden: ¹ No same day transaction. ² Payments become final on completion of settlement, which occurs throughout the day. ³ The settlement points for the different flows are spread out between 07:15 and 16:20. ⁴ The settlement points for the different flows are spread out between 07:15 and 15:20.

Switzerland: ¹ R for remote members. ² The system is open for input 24 hours a day. Settlement services are limited by the indicated opening and closing times. A value day starts at 17:00 local time on the previous business day and ends at 16:15 on the value day. Third-party payments may be entered for same day settlement until 15:00. Between 15:00 (cutoff 1) and 16:00 (cutoff 2) only cover (bank-to bank) payments are accepted for same day settlement. From 16:00 to 16:15 transactions are restricted to the processing of lombard credits (collateralised loans from the Swiss National Bank at a penalty rate).

United Kingdom: ¹ In net settlement, the payment becomes final and irrevocable when the payment has had an effect on the bilateral net position.

United States: ¹ Local times are Eastern time. ² CHIPS, the Clearing House Interbank Payments System, is operated by CHIPCo, which is owned by the Clearing House (formerly known as the New York Clearing House Association). ³ Any depository institution, including a US branch or agency of a foreign bank, may maintain an account with a Federal Reserve Bank. To obtain an account, an institution must execute an account agreement pursuant to Operating Circular 1 (Account Relationships), which outlines the terms and conditions for a master account. An institution with an account at a Federal Reserve Bank may access Fedwire subject to the conditions detailed in Federal Reserve Operating Circular 6 and the Federal Reserve Board's Policy Statement on Payment System Risk. ⁴ Payments over CHIPS become final on completion of settlement, which occurs throughout the day. ⁵ Trading occurs among dealers for funds on deposit at Federal Reserve Banks (ie federal funds) as early as 06:30. ⁶ Number of depository institutions that used the Fedwire Funds Transfer Service in 2004. Other Fedwire Funds Transfer participants not included here are: the US Treasury and any entity specifically authorised by federal statute to use the Reserve Banks as fiscal agents or depositories; entities designated by the Secretary of the Treasury; foreign central banks, foreign monetary authorities, foreign governments and certain international organisations. ⁷ Data prior to 2003 are revised to correspond to the 2004 figure.

European Union: ¹ All times are at Central European Time (CET). ² STEP2 payments are settled in EURO1 at 07:30 CET. ³ Sum of the participants to the national payment systems that are part of TARGET. ⁴ Total participation in TARGET of direct participants is 989. ⁵ Number of direct participants in EURO1.

CLS: ¹ Includes some non-bank financial institutions. ² At Central European Time (CET). ³ Each side of the transaction is counted separately. Spot and forward transactions have two sides, while swaps have four.

Table SSS1
Features of selected securities settlement systems
(at end-2004)

System	Type of securities	Owner/ manager	Delivery lag (T+n)	Settlement of cash leg	Securities settlement (delivery)
Belgium					
NBB SSS	B, C, G, O	CB	T+2, T+3	G	G
CIK (FMS)	E, O	SE ¹ , O	T+3	N	G
CIK (EMSS)	E, O	SE ¹ , O	T+3	G	G
Euroclear Bank	B, C, G, E, O	O, B	T – T+n	G, RTGS	G, RTGS
Canada					
CDSX	B, G, E, O	B, SE, O	T, T+1, T+3	N	G
France					
Euroclear France	B, C, G, E, O	Euroclear France	T – T+100, T – T+30	N, RTGS	G, RTGS
Germany					
Clearstream Banking Frankfurt ¹	B, G, E, O	SE	T – T+40	N, RTGS	G, RTGS
Hong Kong SAR					
CCASS	E, O	SE	T+2, T+3	N, RTGS	G, RTGS
CMU	G, O	CMA	T	G, N	G, N
Italy					
LDT	B, G, E, O	CB	T+3 (B, G), T+5 (E, O)	N	N
Monte Titoli	B, G, E, O	Monte Titoli	T	nap	RTGS
EXPRESS II	B, G, E, O	Monte Titoli	T – T+n	N, RTGS	N, RTGS
Japan					
BOJ-NET JGB Services	G	CB	T – T+3	RTGS	RTGS
JASDEC	O ¹	JASDEC	T+1, T+2	RTGS	RTGS
	E ²	JASDEC	T+3	N	RTGS
	E ³	JASDEC	T+3	N	N
Netherlands					
Euroclear Netherlands	B, G, E	Euroclear Netherlands	T+3	RTGS	RTGS
Singapore					
DCSS	B	SE	T+n ¹	G	G
CDP	E, O	SE	T+3	N	G
MEPS	G	CB	T+1, T+2, T+3	RTGS	G
Sweden					
Stockholmsbörsen	O	O	T+3	N	N
VPC	G, E, O	B, O	T+2, T+3	G, N	G
Switzerland					
SECOM	B, G, E, O	B, O	T+3	G	G
United Kingdom					
CREST	B, C, G, E, O	B, O	T+3	RTGS	RTGS
United States					
NBES ¹	G, O	CB	T, T+1	RTGS	RTGS
DTC	B, C, E, O	B, SE, O	T, T+3	N	G

Note: For the footnotes regarding the systems, see after Table SSS4 (page 210).

Table SSS1 (cont)

System	DVP (Delivery Versus Payment) mechanism	Intraday finality	Closing time for same-day transactions	Central Securities Depository	Cash settlement agent
Belgium					
NBB SSS	DVP 1	yes	17:00, 17:30 ²	NBB SSS	NBB
CIK					
EMSS (OTC)	DVP 1	yes	15:15 (DVP) 16:00 (FOP)	CIK	NBB
FMS (stock exchange)	DVP 2	yes	14:00	CIK	NBB
Euroclear Bank	DVP 1	yes	18:00	Euroclear (eurobonds)	Euroclear/NBB
Canada					
CDSX	DVP 2	yes	16:00	CDS	CB
France					
Euroclear France	DVP 1, DVP 2	yes	17:00, 16:00	Euroclear France	CB
Germany					
Clearstream Banking Frankfurt ¹	DVP 1, DVP 2/3 ²	yes	17:30 ³ , 18:00 ⁴	Clearstream Banking Frankfurt	CB, B
Hong Kong SAR					
CCASS	DVP 1, DVP 3	no	15:30	CCASS	B
CMU	DVP 1, DVP 3	yes	15:00	CMU	CMA
Italy					
LDT	DVP 3	no	nap	Monte Titoli	CB
Monte Titoli	nap	yes	18:30	Monte Titoli	nap
EXPRESS II	DVP 1, DVP 3	yes	18:00	Monte Titoli	CB
Japan					
BOJ-NET JGB Services	DVP 1	yes	16:30	CB	CB
JASDEC	DVP1	yes	17:00	JASDEC	CB
	DVP2	no	14:00	JASDEC	CB
	DVP3	no	13:00	JASDEC	CB, B
Netherlands					
Euroclear Netherlands	DVP 1	yes	16:00 ¹ , 17:30 ²	Euroclear Netherlands	CB, B
Singapore					
DCSS	DVP 1	yes	nap	CDP	CB
CDP	DVP 2	yes	nap	CDP	B
MEPS	DVP 1	yes	nap ²	CB	CB
Sweden					
Stockholmsbörsen	no	yes	17:30	OM	CB
VPC	yes	yes	17:00	VPC	CB
Switzerland					
SECOM	DVP 1	yes	16:00	SIS SegalInterSettle	CB
United Kingdom					
CREST	DVP 1	yes	14:55	nap	CB, B
United States					
NBES ¹	DVP 1	yes	15:15 ²	CB	CB
DTC	DVP 2	no	15:20 ²	DTC	CB

Note: For the footnotes regarding the systems, see after Table SSS4 (page 210).

Table SSS2

Transactions processed by selected securities settlement systems: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
NBB clearing	0.1	0.1	0.2	0.2	0.2	-5.1	26.2	9.5	10.3	-13.2
Euronext-CIK	0.2	0.4	0.4	0.4	0.5	2.2	43.3	0.6	-1.3	29.7
Euroclear Belgium	10.7	15.1	18.4	22.0	24.0	nap	41.1	21.9	19.6	9.1
Canada										
CDSX (former SSS and DCS)	43.1	33.2	30.4	39.2	49.3	76.5	-22.9	-8.4	29.2	25.7
France										
Euroclear France	40.8	31.4	29.0	27.8	26.5	47.0	-23.0	-7.6	-4.1	-4.6
Germany										
Clearstream Banking Frankfurt ¹	75.2	66.9	67.3	45.6	33.3	73.0	-11.0	0.5	-32.2	-27.0
Hong Kong SAR										
CCASS	45.2	29.4	24.6	33.8	43.3	58.1	-35.0	-16.4	37.6	28.1
CMU	0.1	0.0	0.0	0.0	0.0	10.0	-16.1	-13.5	-8.2	-10.2
Italy										
LDT	44.2	42.4	40.9	34.2	3.4	128.9	-4.2	-3.4	-16.4	-90.1
CAT	0.5	nap	nap	nap	nap	-7.0	nap	nap	nap	nap
Monte Titoli	1.4	1.8	1.8	1.6	1.6	100.0	31.0	-3.5	-7.9	-1.8
EXPRESS II	0.0	0.1	0.1	0.2	21.9	nap	1,306	3.1	90.0	11,411
Japan										
BOJ-NET JGB Services	2.2	2.9	2.9	2.9	3.1	10.6	29.1	0.0	2.8	6.3
JASDEC	34.7	36.3	35.5	37.6	39.4	0.6	4.5	-2.0	5.7	4.8
Netherlands										
Euroclear Netherlands	3.2	3.1	3.0	3.1	2.9	34.3	-3.0	-2.6	2.6	-5.1
Singapore										
DCSS	0.0	0.0	0.0	0.0	0.0	165.7	170.0	18.1	-4.3	-6.0
CDP	99,301	93,066	111,837	217,657	178,603	-36.3	-6.3	20.2	94.6	-17.9
MEPS	0.0	0.1	0.1	0.1	0.0	0.0	150.0	0.0	40.0	-42.9
Sweden										
Stockholmsbörsen	78.7	96.5	98.6	102.9	131.1	10.7	22.7	2.2	4.4	27.4
VPC	7.7	6.1	10.9	10.3	11.6	-13.5	-21.1	78.8	-5.4	12.6
Switzerland										
SECOM	14.5	13.4	15.3	18.8	16.8	24.4	-7.7	13.8	23.5	-10.9
United Kingdom										
CREST	59.1	73.4	75.7	63.8	64.2	36.7	24.2	3.1	-15.7	0.6
CMO	0.2	0.2	0.1	0.1	nap	-39.8	-0.5	-50.0	0.0	nap
United States										
NBES ¹	13.6	15.0	17.4	20.4	20.2	1.5	10.3	16.0	17.2	-1.0
DTC	230.3	220.1	224.3	225.2	243.1	21.9	-4.4	1.9	0.4	7.9

Note: For the footnotes regarding the systems, see after Table SSS4 (page 210).

Table SSS3**Transactions processed by selected securities settlement systems: value of transactions***(total for the year)*

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
NBB SSS	2,184	2,481	2,576	4,099	4,201	19,000	17,100	16,209	23,378	27,614
CIK	70	90	92	85	147	282	254	258	240	321
Euroclear Bank	53,412	77,763	97,559	133,326	164,741	4,992	5,150	5,302	6,060	6,864
Canada										
CDSX (former SSS and DCS)	16,156	20,466	16,622	29,063	nav	375	617	547	741	nav
France										
Euroclear France	33,921	39,047	49,954	59,361	74,745	831	1,244	1,722	2,134	2,818
Germany										
Clearstream Banking Frankfurt ¹	nav	nav	12,285	16,147	17,327	nav	nav	183	354	521
Hong Kong SAR										
CCASS	1,395	989	808	1,135	1,729	31	34	33	34	40
CMU	761	683	725	670	548	14,724	15,757	19,319	19,477	17,731
Italy										
LDT	24,479	26,090	31,178	39,128	2,716	554	616	762	1,144	804
CAT	3,290	nav	nav	nav	nav	7,061	nav	nav	nav	nav
Monte Titoli	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
EXPRESS II	52	1,009	1,050	1,439	60,633	7,472	10,402	10,500	7,573	2,772
Japan										
BOJ-NET JGB Services	100,588	85,771	88,198	101,043	130,428	45,376	29,974	30,823	34,364	41,733
JASDEC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands										
Euroclear Netherlands	908	863	691	779	959	287	281	231	253	329
Singapore										
DCSS	3	6	5	5	5	1,657	1,298	1,023	929	998
CDP	100	74	66	93	109	0	0	0	0	0
MEPS	101	262	414	450	312	5,032	5,244	8,290	6,430	7,789
Sweden										
Stockholmsbörsen	486	386	278	303	462	6	4	3	3	4
VPC	8,263	8,492	9,155	10,802	12,590	1,073	1,398	843	1,051	1,088
Switzerland										
SECOM	3,411	3,822	4,800	6,425	7,610	235	285	315	341	454
United Kingdom										
CREST	73,621	74,887	77,268	95,159	142,824	1,246	1,020	1,021	1,492	2,225
CMO	3,636	3,246	2,563	2,374	nav	18,091	16,230	25,626	23,739	nav
United States										
NBES ¹	188,130	212,340	228,910	267,640	313,430	13,833	14,156	13,156	13,120	15,516
DTC	116,400	120,200	103,600	105,700	118,800	505	546	462	469	489

Note: For the footnotes regarding the systems, see after Table SSS4 (page 210).

¹ Converted at yearly average exchange rates.

Table SSS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Belgium										
NBB SSS	2.2	14.1	-2.9	30.9	-8.6	942	1,071	1,021	1,322	1,174
CIK	-1.3	29.7	-4.5	-24.6	54.5	30	39	37	27	41
Euroclear Bank	nav	46.3	17.3	12.4	10.2	23,040	33,567	38,680	43,011	46,027
Canada										
CDSX (former SSS and DCS)	-8.7	28.8	-19.5	51.7	nav	2,229	2,861	2,261	3,346	nav
France										
Euroclear France	-7.0	16.4	19.1	-2.9	11.8	2,556	2,914	3,422	3,317	3,650
Germany										
Clearstream Banking Frankfurt ¹	nav	nav	nav	8.6	-4.2	nav	nav	608	661	629
Hong Kong SAR										
CCASS	68.1	-27.8	-15.7	44.0	52.3	826	594	494	717	1,043
CMU	51.0	-8.7	9.4	-5.2	-18.2	451	410	443	423	331
Italy										
LDT	-16.7	6.9	10.6	1.9	-93.8	2,279	2,393	2,624	2,664	162
CAT	5.0	nav	nav	nav	nav	306	nav	nav	nav	nav
Monte Titoli	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
EXPRESS II	nav	1,862.1	-3.7	11.3	3,645.1	5	93	88	98	3,612
Japan										
BOJ-NET JGB Services	20.5	-3.1	7.0	6.3	20.5	2,164	2,098	2,257	2,388	2,844
JASDEC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands										
Euroclear Netherlands	50.8	-7.0	-26.9	-7.9	10.3	245	215	157	145	158
Singapore										
DCSS	400.5	117.7	-6.7	-15.9	-3.5	3	7	6	5	4
CDP	-13.8	-24.2	-9.5	35.8	11.4	108	86	75	101	102
MEPS	18.8	168.0	58.6	5.1	-34.0	109	306	469	487	292
Sweden										
Stockholmsbörsen	68.6	-12.7	-33.7	-11.3	36.8	203	176	115	101	133
VPC	-15.4	12.9	-0.6	-4.1	4.8	3,453	3,871	3,782	3,581	3,637
Switzerland										
SECOM	39.5	10.8	15.1	15.0	8.5	1,386	1,526	1,734	1,989	2,119
United Kingdom										
CREST	409.9	5.6	-2.3	11.7	32.0	5,106	5,219	4,912	5,270	6,694
CMO	2.1	-7.4	-25.2	-16.0	nav	252	226	163	131	nav
United States										
NBES ¹	1.4	9.8	6.1	14.3	14.1	1,916	2,097	2,183	2,432	2,671
DTC	19.8	0.4	-15.2	-0.2	9.5	1,186	1,187	988	961	1,012

Note: For the footnotes regarding the systems, see after Table SSS4 (page 210).

¹ Converted at yearly average exchange rates.

Table SSS4
Participation in selected securities settlement systems

System	Total number of participants				
	2000	2001	2002	2003	2004
Belgium					
NBB SSS	151	134	123	109	107
CIK	113	104	97	93	87
Euroclear Bank	nav	1,778	1,634	1,538	1,491
Canada					
CDSX (former SSS and DCS)	178	189	185	0	77
France					
Euroclear France	659	658	637	960	955
Germany					
Clearstream Banking Frankfurt ¹	420	422	437	411	405
Hong Kong SAR					
CCASS	570	527	529	493	487
CMU	382	354	333	330	324
Italy					
LDT	284	281	266	212	nap
CAT	nap	nap	nap	nap	nap
Monte Titoli	1,582	1,867	1,916	1,869	1,967
EXPRESS II	71	107	125	153	131
Japan					
BOJ-NET JGB Services	423	400	380	370	357
JASDEC (equities)	296	290	272	275	272
JASDEC (CP)	nap	nap	nap	47	57
Netherlands					
Euroclear Netherlands	61	56	82	80	79
Singapore					
DCSS	63	50	52	51	44
CDP	1,167	1,196	1,208	1,220	1,324
MEPS	140	133	120	117	115
Sweden					
Stockholmsbörsen	63	84	83	79	79
VPC	55	47	45	44	44
Switzerland					
SECOM	383	433	489	462	448
United Kingdom					
CREST	28,489	41,227	52,881	38,054	41,882
CMO	70	64	58	nap	nap
United States					
NBES ¹	1,834	1,888	1,793	1,667	1,547
DTC	418	475	474	436	362

Note: For the footnotes regarding the systems, see after this table.

Footnotes for Tables SSS1–4

Belgium: ¹ As of January 2006, CIK is part of the Euroclear Group. ² ESCB monetary policy and credit operations (FOP).

Germany: ¹ Introduction of a central counterparty (Eurex Clearing (Equities)) in April 2003. ² Mixture of DVP 2 and DVP3 (securities disposition on a gross basis without finality until final settlement of net cash position). ³ For DVP (delivery versus payment) transactions.

⁴ For FOP (free of payment) transactions.

Japan: ¹ Commercial paper, convertible bonds, preferred equity securities, investment securities and beneficiary certificates of investment trusts. ² For equities traded outside the exchanges and cleared via the JASDEC DVP Clearing Corporation. ³ For exchange-traded equities cleared via the Japan Securities Clearing Corporation.

Netherlands: ¹ For DVP (delivery versus payment) transactions. ² For FOP (free of payment) transactions.

Singapore: ¹ By mutual agreement between counterparties. ² Intra-day repo trading is possible, but rare; in such cases, transactions must be completed by 16:30.

United States: ¹ NBES is the Federal Reserve's National Book-Entry System. ² Eastern time.

Annexes

General comments

<i>Exceptions</i>	<p>Data in the tables conform to this methodology unless indicated otherwise in the table concerned.</p> <p>However, it should be noted that varying methods of collecting data can also complicate cross-country comparisons.</p>
<i>Breaks in series</i>	<p>Where these occur, they are indicated by a footnote.</p>
<i>Sources of data</i>	<p>These are indicated under the table concerned where it is felt appropriate.</p>
<i>Definitions</i>	<p>Definitions in the tables which are not given in this methodology are based on "A glossary of terms used in payments and settlement systems", revised version, March 2003 (http://www.bis.org/publ/cpss00b.htm).</p> <p>Where necessary, footnotes to individual tables explain the country-specific definitions, eg of "banks". (Note that in general the term "banks" should be broadly construed according to local regulations so as to include all relevant financial institutions, eg "credit institutions" in EU countries.)</p>
<i>Intrabank items</i>	<p>These are included as appropriate except where indicated.</p>
<i>Foreign currency</i>	<p>Foreign currencies are not included in the figures unless otherwise indicated.</p>
<i>Time period</i>	<p>Each table indicates the period (eg year) or point of time (eg end-year) for which the data are presented. These data are the total for that period unless the table explicitly indicates otherwise (eg a daily average).</p>
<i>Estimated data</i>	<p>Where data are broadly estimated and thus only indicative, this is indicated in a footnote (except for population and GDP in Table 1 and data in Country tables 7 and 8, where it is taken for granted that the data are estimated).</p>
<i>Seasonal adjustment</i>	<p>Figures are not seasonally adjusted unless otherwise indicated.</p>
<i>"nap", "nav", "neg" and "0"</i>	<p>Where data are not applicable, this is indicated by "nap". Where data are not available, this is indicated by "nav". Where data are very small (relative to other relevant data in the table concerned), this is indicated by "neg". Where data mean exactly zero or none, rather than being a small number rounded to zero, this is indicated by "0". (Due to the use of formulas, the term "neg" is not used in the Comparative tables; all data are shown with the correct numeric precision (eg 0.0).)</p>

Statistical methodology for the country tables

Basic information: Banknotes and coin; institutions; transferable deposits

Table 1: Basic statistical data

<i>Population</i>	Figures are averages for the year (computed as the average of two point values at the start and end of the year, or otherwise).
<i>GDP</i>	Figures are nominal (not real).
<i>GDP per capita</i>	This figure equals the <i>GDP</i> figure divided by the <i>population</i> figure.
<i>CPI inflation</i>	Changes in the price of consumer goods and services (yearly averages of monthly values), in per cent.
<i>Exchange rate (domestic currency vis-à-vis USD)</i>	Provided both as a year-end value and as an average for the year.

Table 2: Settlement media used by non-banks

<i>Notes and coin (or currency) in circulation outside banks</i>	Notes and coin represent the value of cash in circulation in the economy. This excludes the value of banknotes and coins kept in vaults at central banks or at banks (see Table 4) but includes the value held by non-residents. This also excludes commemorative coins that are not used for payments. When included, this is mentioned in a footnote.
<i>Transferable deposits</i>	These are transferable deposits which are convertible into currency and/or can be used to make cashless payments using one of the instruments mentioned in Tables 7 and 8. They include, when relevant, the overnight overdrafts on these accounts. They also include deposits in foreign currencies when these are included in M1; otherwise, they are included under the separate item <i>transferable deposits in foreign currencies</i> .
<i>Other</i>	Filled in only if narrow money supply (M1) includes items other than notes and coin and transferable deposits.
<i>Narrow money supply (M1)</i>	Cash in circulation and transferable deposits held by non-banks including non-residents. When the national definitions of narrow money supply and/or of M1 differ, a footnote is included.
<i>E-money storages</i>	Instruments for storing e-money funds, eg cards (<i>card-based</i> , see cards with an e-money function in Table 6), personal computers or servers (<i>computer-based</i> , of which <i>software-</i> or <i>network-based</i>) or other devices like mobile phones (<i>mobile-based</i> , with the funds stored locally on a mobile phone).
<i>software-based</i>	Electronic money products which employ specialised software on a personal computer and which can typically be used to transfer electronic value via telecommunications networks such as the internet.
<i>network-based</i>	Electronic money products which allow consumers to store monetary value on a centrally-located server. This value can subsequently be used for making payments on the internet.
<i>Outstanding value on e-money storages</i>	The difference between the value of cash loaded onto an e-money storage and the value spent. This value is issued against a payment to the issuer in advance and is widely accepted as a means of payment by parties other than the issuer. The value of electronic money held by banks other than the issuer is included, unless otherwise specified.

Table 3: Settlement media used by banks

<i>Transferable balances held at the central bank</i>	Deposits held by banks at the central bank which can be used for payment purposes, regardless of the type of account (eg current account, reserve account, settlement account, clearing account).
<i>of which: required reserves</i>	Funds that banks are required to hold at the central bank. If only part of the required reserves can be used for payment purposes, that amount is indicated here.
<i>free reserves</i>	Funds held voluntarily at the central bank that can be used for payment purposes.
<i>Transferable balances held at other banks</i>	Deposits held at other banks in the country (not at the central bank) which are convertible into currency and/or can be used for payment purposes.
<i>Institution' borrowing from the central bank: intraday</i>	Credit extended by the central bank for a period of less than one business day. It is calculated as the average of the daily maximum value of simultaneous intraday overdraft positions or drawings on intraday credit facilities during the day for the aggregate of all banks, over the opening days of the interbank payment system.
<i>overnight and longer</i>	Credit extended by the central bank (in the forms defined in a footnote by the respective country) which can be used for payment purposes, excluding intraday credit. This may include both discount window facilities (or marginal lending facilities in the EU) and longer-term monetary refinancing. Some countries present these two components separately. It is calculated as the average of the daily total value for the aggregate of all banks, over the opening days of the interbank payment system.

Table 4: Banknotes and coin

<i>Total banknotes and coin in circulation</i>	Value of banknotes and coin excluding those kept in vaults at central banks or at treasury departments (but including those held at banks). Commemorative coins that are not commonly used to make payments are excluded.
<i>Total banknotes in circulation</i>	Value of banknotes which are part of the liabilities of the central bank; a breakdown by denomination is provided.
<i>Total coin in circulation</i>	Value of coin; a breakdown by denomination is provided.
<i>Banknotes and coin in circulation held by banks</i>	Banknotes and coin in banks' vaults and thus not in circulation among the public.
<i>Banknotes and coin in circulation outside banks</i>	Total banknotes and coin in circulation less banknotes and coin held by banks (identical to notes and coin in Table 2).

Table 5: Institutions offering payment services to non-banks

<i>Categories</i>	Categories of institutions are based on the individual countries' own financial systems. Particular categories are explained in a footnote where this is felt to be necessary. As a rule, subsidiaries of foreign banks with legal personality in the reporting country are counted alongside domestic banks. The same holds for the post office when it is recognised as a bank by the national jurisdiction.
<i>Branches of foreign banks</i>	All places of business located in the reporting country of banks located in other countries, which have no legal personality, and which carry out all or some of the transactions inherent in the business of banking. Banks which are foreign-owned or are subsidiaries of foreign banks are not included here, but together with domestic banks.

<i>Other institutions offering payment services</i>	<p>Non-banking institutions offering payment services to non-banks, such as the post office (when it is not considered as a bank), money remitters, card schemes or public authorities when they offer such services. Whenever possible, the type of institutions included are mentioned.</p> <p>In some countries, information for some or all of these institutions is not available, or is restricted to transaction data (which is shown in Tables 6 to 8). In such cases, Tables 6 to 8 may include information from a larger range of service providers than those mentioned in Table 5; if required, an explanatory footnote is given.</p>
<i>Number of institutions</i>	<p>Any institution which offers payment services is mentioned even if it does not hold deposits for customers (eg since the money transferred is given in cash by the customer to the institution, or debited from a sight account held at another institution). Each institution is counted once, irrespective of the number of branches or offices it holds in the country.</p>
<i>Number of branches or offices</i>	<p>All places of business of an institution that offer cashless payment services to non-banks. The head office of the institution is counted as an office if it offers such services. Mobile offices are excluded.</p>
<i>Number of accounts</i>	<p>The number of accounts on which payments (see definitions in Tables 7 and 8) can be made. This excludes savings accounts; it may include time deposits if they can be debited directly.</p> <p>The only accounts mentioned here are those which:</p> <ul style="list-style-type: none">• are held by banks for non-banks (of which the government) and individuals; and• can be debited directly using one of the instruments mentioned in Tables 7 and 8.
<i>Value of accounts</i>	<p>The aggregate amount of deposits held by non-banks at institutions offering payment services.</p> <p>This amount differs from Table 2, as that table also contains deposits held at institutions which do not offer payment services (eg money market funds).</p>
<i>Electronic money institutions</i>	<p>An undertaking or any other legal person, other than a bank, which issues means of payment in the form of electronic money.</p>
<i>Outstanding value on e-money storages</i>	<p>The value of e-money issued by electronic money institutions and held by entities other than the issuer, including banks other than the issuer.</p> <p>This figure differs from that in Table 2, as that table also contains outstanding value on e-money storages issued by banks.</p>

Retail payment instruments

Table 6: Payment card functions and accepting devices

Methodological clarifications with respect to cards:

A card which has several functions is counted in each relevant line. Therefore, in general, these figures should not be added for risk of double-counting.

Cards are counted on the issuing side. Each country reports the number of cards that have been issued in the country (and used for transactions within and outside the country of issue) and not the number of cards used in the country.

All valid cards are included, irrespective of when they were issued and how actively they are used. Expired or withdrawn cards are not included. Cards issued by three-party schemes, eg American Express or Diners, are included. Cards issued by merchants are not included in the standard categories, unless they have been issued in cooperation with a bank. When relevant, they can be included under the memorandum item “Retailer cards”.

<i>Cards with a cash function</i>	Cards enabling the holder to withdraw cash from a cash dispenser or to deposit cash.
<i>Cards with a debit function</i>	<p>Cards which enable the holder to have its purchases directly charged to funds on its account at a bank (may sometimes be combined with another function, such as that of a cash card or cheque guarantee card). The number of cards with a debit function presents the total number of cards in circulation, not the number of accounts to which the cards are linked.</p> <p>If it is not possible to distinguish between cards with a debit function and cards with a delayed debit function, they are reported under the category <i>Card with a debit or a delayed debit function</i>.</p>
<i>Cards with a delayed debit function</i>	<p>Cards making it possible for its user to charge his account up to an authorised limit. These cards allow holders to make purchases, but do not offer extended credit, the full amount of the debt incurred having to be settled at the end of a specified period.</p> <p>If it is not possible to distinguish between cards with a delayed debit function and cards with a debit function or cards with a credit function, they are respectively reported under the categories <i>Card with a debit or a delayed debit function</i> and <i>Card with a credit or a delayed debit function</i>.</p>
<i>Cards with a credit function</i>	<p>Cards indicating that the holder has been granted a line of credit. They enable the holder to make purchases and/or draw cash up to a prearranged ceiling. The credit granted may be settled in full by the end of a specific period, or may be settled in part, with the balance taken as extended credit. Interest is charged on the amount of extended credit and the holder is sometimes charged an annual fee.</p> <p>If it is not possible to distinguish between cards with a credit function and cards with a delayed debit function, they are reported under the category <i>Card with a credit or a delayed debit function</i>.</p>
<i>Cards with an e-money function</i>	Reloadable multipurpose prepaid cards which can be used at the sites of several service providers for a wide range of purposes and which have the potential to be used on a national or an international scale, but may sometimes be restricted to a certain area.
<i>Cards with an e-money function which have been loaded at least once</i>	These cards can be considered as activated. The loading may be interpreted as an indicator of the intention to use the e-money function.

<i>Retailer cards</i>	<p>Cards issued by non-banking institutions (merchants) for use at specified retail outlets. May function as cards with a debit, delayed debit or credit function.</p> <p>If the retailer cards have been issued in cooperation with a bank (co-branding) they are included according to the function(s) available on the card; whenever possible these cards are specified as a sub-item.</p> <p>Non-co-branded cards can be included as a memorandum item or as a footnote.</p>
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Methodological clarifications with respect to terminals:

ATMs with several functions (eg cash dispensing and credit transfer function) are counted in each relevant line. Therefore, in general, these figures should not be added for risk of double-counting.

For some countries, there may be a double-counting if the number of ATMs when the data are reported per card issuer or per card scheme, and the same ATM is reported under several schemes; if required, an explanatory footnote is given.

<i>ATMs (Automated Teller Machines)</i>	Electromechanical devices allowing authorised users, by using a payment card, to withdraw cash from their account and in some cases to access a range of other services, such as balance enquiries, transfers of funds and acceptance of deposits. The ATM may be operated online (with real-time reference to an authorisation database) or offline.
<i>ATMs with a cash withdrawal function</i>	ATMs allowing their users, by using a card with a cash function, to withdraw cash from their accounts.
<i>ATMs with a credit transfer function</i>	ATMs allowing their users, using a payment card, to make credit transfers.
<i>POS (Point-of-Sale)</i>	This term refers to the use of payment cards at a retail location. The payment information is captured either by paper vouchers or by electronic terminals. Each single terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.
<i>EFTPOS (Electronic Funds Transfers at Point-Of-Sale)</i>	A terminal at a retail location which is designed to capture, and in some cases also transmit, debit card transactions by electronic means. Each single terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.
<i>E-money card terminals</i>	Terminals allowing the transfer of e-money between the issuer of e-money and the holder of an e-money card, or between the holder of an e-money card and a beneficiary.
<i>E-money card loading/unloading terminals</i>	Terminals allowing the transfer of electronic value from an issuer of electronic money to the holder of a card with an e-money function and vice-versa (unloading).
<i>E-money card payment terminals</i>	Terminals located at point of sale that permit the holder of e-money to transfer e-money value from his e-money card to the balance of the merchant or other beneficiary. Each single e-money accepting terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.

Tables 7 and 8: Indicators of the use of payment instruments and terminals by non-banks (volume and value of transactions)

The objective of these tables is to estimate the volume and the value of transactions conducted with cashless payment instruments issued in the country concerned. In addition, the lower part of each table provides information on cashless payments conducted in the reporting country with instruments issued in the reporting country and abroad and on payments conducted abroad with instruments issued in the reporting country.

Figures concerning only a sample of banks or customers should be extrapolated to provide figures covering the whole volume and value of cashless payment instruments used in the country. Only customer transactions are included. Transactions initiated by banks are excluded, unless they are related to the bank's own retail payments (eg utility bills, salaries etc)

Transfers between accounts in the same name are only included when these accounts are at different banks. Transfers between accounts in the same name at the same bank are not included, unless indicated otherwise.

In the case of cross-border payments, there is a need to avoid double-counting (ie in the country of the originator and in that of the beneficiary). Cross-border cashless payments are accordingly counted in the country of the originator. Card payments and e-money payment transactions are counted at the issuing side. Only transactions with cards or e-money storages issued in the country are counted in the upper part of each table. For these cards and storages all transactions, within and outside the country, are reported.

Methodological clarifications with regard to payment instruments:

Credit transfers

A payment order or possibly a sequence of payment orders made for the purpose of placing funds at the disposal of the beneficiary. Both the payment order and the funds move from the payer's bank to the payee's bank, possibly via several other system banks as intermediaries and/or one or more interbank funds transfer system. Payment are counted at the payer's side.

Credit transfers performed via ATMs with a credit transfer function are included. Credit transfers which have cash at one or both ends of the payment transaction, eg money and postal orders, are also included. Credit transfers used to settle balances of cards with a credit or a delayed debit function are included, as these are separate payments from the card holder to the card issuer.

Cash payments into the account using a bank form are not included under credit transfers, but can be shown in a memorandum item *OTC cash deposits*.

In the case of standing orders and in the case of bulk or batch payment orders, each individual transaction is counted as one transaction.

The categories *paper based* and *non-paper based* are mutually exclusive.

paper based

Credit transfers which are submitted on paper-based forms. Includes submission by telefax if they require manual intervention to be transformed into electronic payments.

non-paper based

Credit transfers which are submitted without the use of paper-based forms, eg electronically or via telephone. Includes submission by telefax if they do not require manual intervention to be transformed into electronic payments. Includes standing orders which are originally submitted in paper-based form, but then executed electronically. Includes credit transfers initiated at an ATM.

Direct debits

Preauthorised debits, possibly recurrent, of the payer's account by the payee. Both one-off and recurrent direct debits are included. In the case of recurrent direct debits, each individual payment is counted as one transaction. Direct debits used to settle balances of cards with a credit or delayed debit functions are included, as they are separate payments from

	<p>the card holder to the card issuer. Direct debits resulting from the settlement of an individual card transaction should not be reported for risk of double-counting. Payments are counted at the payee's side.</p> <p>Cash payments out of the account using a bank form are not included, but may be shown under the memorandum item <i>OTC cash withdrawals</i>.</p>
<i>Card payments with cards issued in the country</i>	<p>Payment transactions performed with cards with a debit, credit or delayed debit function at a terminal or via other channels. E-money transactions and mobile payments are not included. For the breakdown of cards by category, see Table 6. These sub-categories are mutually exclusive. Only payments are included. Cash withdrawals/deposits at ATMs or credit transfers at ATMs are not included. Cash advances at POS terminals are also excluded, when it is possible to distinguish them. Payments by phone and over the internet using a card are included. Payments with retailer cards are excluded, except when the retailer card was issued in co-operation with a credit institution. For countries with significant business with retailer cards, a memorandum item or a footnote can be included.</p>
<i>E-money payment transactions</i>	<p>Transactions where the holder of e-money transfers e-money value from his balance to the balance of the merchant, either by an e-money card or through other e-money storages.</p>
<i>Cheques</i>	<p>A written order from one party (the drawer) to another (the drawee, normally a bank) requiring the drawee to pay a specified sum on demand to the drawer or to a third party specified by the drawer. Cheques may be used for settling debts and withdrawing money from banks. Traveller's cheques, promissory notes and banker's drafts are included under cheques. Commercial bills are included if funds transfers can be made on the basis of these, without using another medium.</p> <p>Cash withdrawals using bank forms are not included.</p> <p>Cheques are counted on the payee's side when submitted for cheque clearing. Cheques issued but not submitted for clearing are not included.</p>
<i>Other payment instruments</i>	<p>Includes payment instruments that exist in some countries and cannot be included in any of the other categories. These could be, for example, bills of exchange, included truncated bills of exchange. Mobile payments are not included, unless specified otherwise. A footnote states which payment instruments are included.</p>
<i>Total</i>	<p>The sum of the above items.</p>

Methodological clarifications with regard to terminals:

Transactions at ATM, POS and e-money loading/unloading terminals are reported in three dimensions according to the location of the terminal and the country of issue of the card used.

<i>ATM cash withdrawals</i>	<p>Cash withdrawals performed at ATMs using a card with a cash function. Cash advances at POS terminals using a debit, credit or delayed debit card are not included, but are reported under <i>POS transactions</i>. If it is possible to distinguish them, they are, in addition, reported as a memorandum item <i>Cash advances at POS terminals</i>.</p>
<i>ATM cash deposits</i>	<p>Cash deposits performed at ATMs using a card with a cash function.</p>
<i>POS payment transactions</i>	<p>Transactions performed through POS terminals using a card with a debit, delayed debit or credit function. Cash advances at POS terminals are included. If it is possible to distinguish them, they are, in addition, reported in a memorandum item <i>Cash advances at POS terminals</i>.</p>
<i>e-money card loading/unloading transactions</i>	<p>Transactions allowing the transfer of e-money value from an issuer of electronic money to a holder's card with an e-money function and vice versa. Both loading and unloading transactions are included.</p>

Interbank funds transfer systems (IFTS) and securities settlement systems (SSS)

Tables 9 and 10: Payments processed by selected interbank funds transfer systems (volume and value of transactions)

With regard to the volume and value of transactions, each payment instruction is counted once (not twice, ie the debit from the payer's account and the credit to the payee's account are not counted separately).

<i>Funds transfer systems (FTS)</i>	Formal arrangements based on private contract or statute law with multiple membership, common rules and standardised arrangements for the transition and settlement of money obligations arising between the members.
<i>Interbank Funds Transfer Systems (IFTS)</i>	<p>Transfer systems in which most (or all) direct participants are banks and which are used primarily to process cashless payments.</p> <p>As a rule, all IFTSs with significant business for the country are mentioned here, both those managed by the central bank and those managed by private operators.</p> <p>Figures are provided system by system, with categories of various payment instruments when relevant (such as cheques, direct debits, credit transfers, ATM transactions, card payments, e-money transactions etc) as sub-items.</p>
<i>Concentration ratio</i>	Market share of the five largest senders of payment messages in each system. This may include the central bank.
<i>in terms of volume/value</i>	The five largest senders of transactions in terms of volume may differ from the five largest senders in terms of value. Each participant which has individual access to the system is counted separately, irrespective of whether there is a legal link (eg merger) between two or more participants.
<i>Card payments</i>	<p>All card payments processed in the IFTS are reported, irrespective of where the card was actually issued or used.</p> <p>Cross-border transactions are counted in the country where the transaction originates in order to avoid double-counting (this differs from Tables 7 and 8, where card payments are reported in the acquiring country). Whenever received transactions are available, they can be reported as a memorandum item.</p>

Tables 11a and 11b: Instructions handled by trading platforms, clearing houses and securities settlement systems (volume and value of transactions)

Figures are provided separately for each trading platform, clearing house and securities settlement system, with categories of various securities (such as government securities, bonds, shares, certificates of deposit (CDs), futures and options) as sub-items.

Transfer instructions comprise all transfer instructions entered into the trading platform, clearing house or securities settlement system (including deliveries free of payment). As regards options, all contracts are included.

As far as CDs are concerned, transactions should be considered regardless of their issuers (banks, central bank, mortgage institutions).

Each transaction is counted once (not twice for sale and purchase). It is the transaction itself that is counted and not the double message notifications.

<i>Trading platform</i>	An infrastructure or mechanism aimed at facilitating securities transactions between those who wish to buy and sell. A trading platform could be a legal entity recognised as an exchange or an integrated part of a stock
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	exchange.
<i>Clearing houses</i>	A department of an exchange or a separate legal entity which provides a range of services related to the clearing and settlement of transactions and payments and to the management of risks associated with the resulting contracts. In many cases, the clearing house acts as the central counterparty.
<i>Securities settlement systems (SSS)</i>	Transfer systems which settle transfer instructions for both securities and funds. As a rule all SSS are mentioned here, not only those managed by the central bank, but also those managed by private operators.

Table 11c: Number of participants in trading platforms, clearing houses and securities settlement systems

Figures are provided separately for each trading platform, clearing house and securities settlement system, with categories of various participants (such as banks and stockbrokers) as sub-items.

Table 11d: Outstanding securities

Volume and value of securities which have been issued; volume and value of securities which have been registered.

Table 12: Participation in SWIFT by domestic institutions

These figures are provided by SWIFT. Totals and their components (members, sub-members, participants) refer to “legal” users, ie users who have been approved by SWIFT’s Board via the monthly Board Paper. “Live” users are those that have cutover and are connected on SWIFT.

<i>Sub-members</i>	Domestic users sponsored by members abroad.
<i>Participants</i>	Participants are not shareholders of SWIFT and their message traffic over the network is restricted.

Table 13: SWIFT message flows to/from domestic users

These figures are provided by SWIFT. All traffic for domestic and international Market Infrastructures is allocated to the country of the paying destination. The traffic exchanged between Market Infrastructures and their participants is excluded from the domestic traffic.

<i>Category I</i>	Messages used by banks to transfer funds to an account of a customer (ie messages relating to payments that are category I messages, eg MT100 messages).
<i>Category II</i>	Messages used by banks to transfer funds to an account of another bank (ie messages relating to payments that are category II messages, eg MT200 messages).
<i>Domestic traffic</i>	Messages sent to/received from domestic users.

Statistical methodology for the comparative tables

General

The Comparative tables are fully based on the Country tables, with the exception, to a certain extent, of the payment systems (PS) and securities settlement systems (SSS) tables. In this methodology, references to both Country and other Comparative tables are made in brackets, where [CT 1] indicates that the figures used in the Comparative table under consideration have been calculated with data from Country table 1. When figures can either be derived from a Country or from a Comparative table, only the reference to the Country table appears, as the figures presented there are considered to be the source of the Comparative tables. In some cases, however, reference is also made to other Comparative tables, because of repeated identical calculations. When calculations are identical for all or most items of a table, the full formula is only given once, while repetitions are indicated by “idem”.

In all tables, figures are given for individual CPSS countries. A figure for the euro area is added to the individual countries' figure in Table 2. A figure for all CPSS countries is also calculated in Tables 1–15 (where this is statistically not relevant, this is indicated by “nap”). Where applicable, these totals or averages are expressed in or based on USD terms.

Henceforth, Comparative tables are simply referred to as Tables.

Basic information: Banknotes and coin; institutions; transferable deposits

Table 1: Basic statistical data

Based on CT 1.

<i>GDP</i>	Nominal figures, expressed in USD by dividing <i>GDP in domestic currency</i> [CT 1] by the <i>average exchange rate</i> of the domestic currency vis-à-vis the USD [CT 1].
<i>Population</i>	<i>Population</i> [CT 1].
<i>GDP per capita</i>	<i>GDP</i> in USD [Table 1] divided by <i>population</i> [CT 1].
<i>Consumer price inflation</i>	<i>CPI inflation</i> [CT 1].
<i>Exchange rate</i> (domestic currency vis-à-vis USD)	<i>Average and end-of-year exchange rates</i> (domestic currency vis-à-vis USD) [CT 1].

Table 2: Banknotes and coin in circulation

Based on CT 4.

<i>Total value</i>	<i>Banknotes and coin</i> (including banknotes and coin held at banks) [CT 4], converted to USD by using the <i>end-of-year exchange rate</i> of the domestic currency vis-à-vis USD [CT 1].
<i>Value per inhabitant</i>	<i>Total value in USD</i> [Table 2] divided by <i>population</i> [CT 1].
<i>Value as a percentage of GDP</i>	<i>Total value</i> [CT 4] divided by <i>GDP</i> [CT 1].
<i>Value as a percentage of narrow money</i>	<i>Total value</i> [CT 4] divided by <i>narrow money</i> [CT 2].

Table 3: Transferable deposits held by banks

Based on CT 3.

Transferable balances held at the central bank

Total value Value of *transferable balances held at the central bank* [CT 3], converted to USD by using the *end-of-year exchange rate* of the domestic currency vis-à-vis USD [CT 1].

Value as a percentage of GDP Value of *transferable balances held at the central bank* [CT 3], divided by *GDP* [CT 1].

Transferable balances held at other banks

Total value Value of *transferable balances held at other banks* [CT 3], converted to USD by using the *end-of-year exchange rate* of the domestic currency vis-à-vis USD [CT 1].

Value as a percentage of GDP Value of *transferable balances held at other banks* [CT 3], divided by *GDP* [CT 1].

Table 4: Institutions offering payment services to non-banks

Based on CT 5.

Number of institutions

Total number Total number of institutions offering payment services to non-banks [CT 5].

Number per 1 million inhabitants Total number of institutions [CT 5] divided by *population* [CT 1].

Number of branches or offices

Total number Total number of branches or offices [CT 5].

Number per 1 million inhabitants Total number of branches or offices [CT 5] divided by *population* [CT 1].

Table 5: Transferable deposits held by non-banks

Based on CT 5.

Total number of accounts Total number of accounts [CT 5].

Number of accounts per inhabitant Number of accounts [CT 5] divided by *population* [CT 1].

Total value of accounts Total value of accounts [CT 5], converted to USD using the *end-of-year exchange rate* [CT 1].

Value per inhabitant Total value of accounts in USD [Table 5] divided by *population* [CT1].

Value as a percentage of GDP Total value of accounts [CT 5] divided by *GDP* [CT 1].

Retail payment instruments

Table 6: Payment transactions by non-banks: Total number of transactions

Based on CT 7.

<i>Total number of transactions</i>	<i>Total number of transactions with payment instruments</i> [CT 7]. This is equal to the sum of the sub-items of Table 7.
<i>Increase in the number of transactions</i>	Difference between <i>total number of transactions with payment instruments</i> [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Number per inhabitant</i>	<i>Total number of transactions with payment instruments</i> [CT 7] divided by <i>population</i> [CT 1]. This is equal to the sum of the sub-items of Table 7c.
<i>Number per deposit account held by non-banks</i>	<i>Total number of transactions with payment instruments</i> [CT 7] divided by <i>transferable deposits</i> [CT 2].

Table 7: Use of payment instruments by non-banks: Number of transactions per payment instrument

Tables 7 and 7a–c are based on CT 7. The objective of these tables is to compare the volume of cashless payment instruments used in the countries concerned.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7].
<i>Direct debits</i>	<i>Direct debits</i> [CT 7].
<i>Cheques</i>	<i>Cheques</i> [CT 7].
<i>E-money payment transactions</i>	<i>E-money payment transactions</i> [CT 7].
<i>Card payments</i>	<i>Card payments with cards issued in the country</i> [CT 7].
<i>... by cards with a debit function</i>	<i>Payments by card with a debit function</i> [CT 7].
<i>... by cards with a delayed debit function</i>	<i>Payments by card with a delayed debit function</i> [CT 7].
<i>... by cards with a credit function</i>	<i>Payments by card with a credit function</i> [CT 7].

Table 7a: Use of payment instruments by non-banks: Relative importance of payment instruments, in number of transactions

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and expresses them as a percentage of the total volume of payment instruments used by non-banks.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7] expressed as a percentage of <i>total number of transactions with payment instruments</i> [CT 7].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].

... by cards with a debit function	Idem for payments by card with a debit function [CT 7].
... by cards with a delayed debit function	Idem for payments by card with a delayed debit function [CT 7].
... by cards with a credit function	Idem for payments by card with a credit function [CT 7].

Table 7b: Use of payment instruments by non-banks: Increase in the number of transactions

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and calculates the year-on-year growth rate.

<i>Credit transfers</i>	Difference between the volume of <i>credit transfers</i> [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].
... by cards with a debit function	Idem for payments by card with a debit function [CT 7].
... by cards with a delayed debit function	Idem for payments by card with a delayed debit function [CT 7].
... by cards with a credit function	Idem for payments by card with a credit function [CT 7].

Table 7c: Use of payment instruments by non-banks: Number of transactions per inhabitant

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and expresses them as the number of transactions per inhabitant.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7] divided by <i>population</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].
... by cards with a debit function	Idem for payments by card with a debit function [CT 7].
... by cards with a delayed debit function	Idem for payments by card with a delayed debit function [CT 7].
... by cards with a credit function	Idem for payments by card with a credit function [CT 7].

Table 8: Payment transactions by non-banks: Total value of transactions

Based on CT 8.

<i>Total value of transactions</i>	<i>Total value of transactions with payment instruments</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1]. This is equal to the sum of the sub-items of Table 9.
<i>Increase in the real value of transactions</i>	Difference between <i>total value of transactions with payment instruments</i> [CT 8] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Average value per transaction</i>	<i>Total value of transactions with payment instruments in USD</i> [Table 8] divided by <i>total number of transactions with payment instruments</i> [CT 7].
<i>Average value per inhabitant</i>	<i>Total value of transactions with payment instruments in USD</i> [Table 8] divided by <i>population</i> [CT 1].
<i>Value as a ratio to GDP</i>	<i>Total value of transactions</i> [CT 8] divided by <i>GDP</i> [CT 1].
<i>Value as a ratio to deposits held by non-banks</i>	<i>Total value of transactions</i> [CT 8] divided by <i>total value of deposit accounts</i> [CT 5].

Table 9: Use of payment instruments by non-banks: Value of transactions per payment instrument

Tables 9 and 9a–e are based on CT 8. The objective of these tables is to compare the value of cashless payment instruments used in the countries concerned. These tables are based on the same general methodological guidance as Tables 7 and 7a–c.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1].
<i>Direct debits</i>	<i>Direct debits</i> [CT 8].
<i>Cheques</i>	<i>Cheques</i> [CT 8].
<i>E-money payment transactions</i>	<i>E-money payment transactions</i> [CT 8].
<i>Card payments</i>	<i>Card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	<i>Payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	<i>Payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	<i>Payments by card with a credit function</i> [CT 8].

Table 9a: Use of payment instruments by non-banks: Relative importance of payment instruments, in value of transactions

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a percentage of the total value of payment instruments used by non-banks.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8] expressed as a percentage of <i>total value of transactions with payment instruments</i> [CT 8].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].

<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

Table 9b: Use of payment instruments by non-banks: Increase in the real value of transactions

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms and in domestic currency, and calculates the year-on-year growth rate, deflated by CPI inflation.

<i>Credit transfers</i>	Difference between the value of <i>credit transfers</i> [CT 8] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

Table 9c: Use of payment instruments by non-banks: Average value per transaction

This table is based on CTs 7 and 8 or on Tables 7 and 9, in that it takes the figures concerning the use of payment instruments, in value terms, and divides them by the volume of this use.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1], divided by the volume of <i>credit transfers</i> [CT 7].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

Table 9d: Use of payment instruments by non-banks: Value of transactions per inhabitant

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a value of transactions per inhabitant.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1], divided by <i>population</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

Table 9e: Use of payment instruments by non-banks: Value of transactions as a ratio to GDP

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a percentage of GDP.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8] divided by <i>GDP</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

Cards and terminals

Table 10: Cards issued in the country: Number of cards

Based on CT 6.

<i>Cards with a cash function</i>	<i>Cards with a cash function</i> [CT 6].
<i>Cards with an e-money function which have been loaded at least once</i>	<i>Cards with an e-money function which have been loaded at least once</i> [CT 6].
<i>Cards with a payment function</i>	Sum of <i>cards with a debit function</i> , <i>cards with a delayed debit function</i> and <i>cards with a credit function</i> [CT 6].
<i>... debit function</i>	<i>Cards with a debit function</i> [CT 6].
<i>... delayed debit function</i>	<i>Cards with a delayed debit function</i> [CT 6]. If some countries cannot distinguish between cards with a credit and/or debit function and those with a delayed debit function, they are presented under this item.
<i>... credit function</i>	<i>Cards with a credit function</i> [CT 6].

Table 10a: Cards issued in the country: Increase in the number of cards

This table is based on CT 6, in that it takes the figures concerning the number of cards and calculates the year-on-year growth rate.

<i>Cards with a cash function</i>	Difference between <i>cards with a cash function</i> [CT 6] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Cards with an e-money function which have been loaded at least once</i>	Idem for <i>cards with an e-money function which have been loaded at least once</i> [CT 6].
<i>Cards with a payment function</i>	Idem for the sum of <i>cards with a debit function</i> , <i>cards with a delayed debit function</i> and <i>cards with a credit function</i> [CT 6].
<i>... debit function</i>	Idem for <i>cards with a debit function</i> [CT 6].
<i>... delayed debit function</i>	Idem for <i>cards with a delayed debit function</i> [CT 6].
<i>... credit function</i>	Idem for <i>cards with a credit function</i> [CT 6].

Table 10b: Cards issued in the country: Number of cards per inhabitant

This table is based on CT 6, in that it takes the number of cards and divides them by the country's population. It gives an indication of the penetration of cards in the population of different countries.

<i>Cards with a cash function</i>	<i>Cards with a cash function</i> [CT 6] divided by <i>population</i> [CT 1].
<i>Cards with an e-money function which have been loaded at least once</i>	Idem for <i>cards with an e-money function which have been loaded at least once</i> [CT 6].

<i>Cards with a payment function</i>	<i>Idem for the sum of cards with a debit function, cards with a delayed debit function and cards with a credit function [CT 6].</i>
<i>... debit function</i>	<i>Idem for cards with a debit function [CT 6].</i>
<i>... delayed debit function</i>	<i>Idem for cards with a delayed debit function [CT 6].</i>
<i>... credit function</i>	<i>Idem for cards with a credit function [CT 6].</i>

Table 11: Terminals located in the country: Number of terminals

Based on CT 6.

<i>ATMs</i>	<i>ATMs [CT 6].</i>
<i>POS terminals</i>	<i>POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>E-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>E-money card payment terminals [CT 6].</i>

Table 11a: Terminals located in the country: Increase in the number of terminals

This table is based on CT 6, in that it takes the figures concerning the number of terminals and calculates the year-on-year growth rate.

<i>ATMs</i>	<i>Difference between ATMs [CT 6] in the current and previous year, divided by that number for the previous year, in per cent.</i>
<i>POS terminals</i>	<i>Idem for POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>Idem for e-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>Idem for e-money card payment terminals [CT 6].</i>

Table 11b: Terminals located in the country: Number of terminals per 1 million inhabitants

This table is based on CT 6, in that it takes the number of terminals and divides them by the country's population. It shows the density of terminals, expressed in terms of population, in the different countries.

<i>ATMs</i>	<i>ATMs [CT 6] divided by population.</i>
<i>POS terminals</i>	<i>Idem for POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>Idem for e-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>Idem for e-money card payment terminals [CT 6].</i>

Table 12: Transactions at terminals: Number of cash withdrawals and loading transactions

This table is based on CT 7. It gives an indication of the number of transactions conducted both at terminals located in and outside the country with cards issued in and outside the country.

Cash withdrawals at ATMs located in the country

with cards issued outside the country *Transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 7].*

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 7].*

Cash withdrawals at ATMs located outside the country

with cards issued in the country *Transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 7].*

E-money loading/unloading transactions at terminals in the country

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 7].*

Table 12a: Transactions at terminals: Increase in the number of cash withdrawals and loading transactions

This table is based on CT 7 or on Table 12, in that it takes the figures concerning the use of cards, in volume terms, and calculates the year-on-year growth rate.

Cash withdrawals at ATMs located in the country

with cards issued outside the country *Difference between the number of transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.*

with cards issued in the country *Idem for transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 7].*

Cash withdrawals at ATMs located outside the country

with cards issued in the country *Idem for transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 7].*

E-money loading/unloading transactions at terminals in the country

with cards issued in the country *Idem for transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 7].*

Table 13: Transactions at terminals: Value of cash withdrawals and loading transactions

This table is based on CT 8 (the amounts have been converted to USD using the *average exchange rate* [CT 1]). It gives an indication of the value of card transactions conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

Cash withdrawals at ATMs located in the country

with cards issued outside the country *Transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 8].*

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 8].*

Cash withdrawals at ATMs located outside the country

with cards issued in the country *Transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 8].*

E-money loading/unloading transactions at terminals in the country

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 8].*

Table 13a: Transactions at terminals: Increase in the real value of cash withdrawals and loading transactions

This table is based on CT 8 or on Table 13, in that it takes the figures concerning the use of cards, in value terms, and calculates the year-on-year growth rate, deflated by CPI inflation.

Cash withdrawals at ATMs located in the country

with cards issued outside the country Difference between the value of *transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 8]* in the current and previous year, divided by that number for the previous year, deflated by *CPI inflation* in the current year [CT 1], in per cent.

with cards issued in the country Idem for *transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 8]*.

Cash withdrawals at ATMs located outside the country

with cards issued in the country Idem for *transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 8]*.

E-money loading/unloading transactions at terminals in the country

with cards issued in the country Idem for *transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 8]*.

Table 14: Transactions at terminals: Number of payment transactions

This table is based on CT 7. It gives an indication of card payments conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

POS transactions at terminals located in the country

with cards issued outside the country *Transactions at terminals in the country by cards issued outside the country: POS payment transactions [CT 7].*

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: POS payment transactions [CT 7].*

POS transactions at terminals located outside the country

with cards issued in the country *Transactions at terminals outside the country by cards issued in the country: POS payment transactions [CT 7].*

E-money payment transactions at terminals in the country

with cards issued in the country *E-money payment transactions by cards with an e-money function [CT 7].*

Table 14a: Transactions at terminals: Increase in the number of payment transactions

This table is based on CT 7 or on Table 14, in that it takes the figures concerning the use of payment and e-money cards, in volume terms, and calculates the year-on-year growth rate.

POS transactions at terminals located in the country

with cards issued outside the country Difference between the number of *transactions at terminals in the country by cards issued outside the country: POS payment transactions [CT 7]* in the current and previous year, divided by that number for the previous year, in per cent.

with cards issued in the country Idem for *transactions at terminals in the country by cards issued in the country: POS payment transactions* [CT 7].

POS transactions at terminals located outside the country

with cards issued in the country Idem for *transactions at terminals outside the country by cards issued in the country: POS payment transactions* [CT 7].

E-money payment transactions at terminals in the country

with cards issued in the country Idem for *transactions e-money payment transactions by cards with an e-money function* [CT 7].

Table 15: Transactions at terminals: Value of payment transactions

This table is based on CT 8 (the amounts have been converted to USD using the *average exchange rate* [CT 1]). It gives an indication of the value of card payments conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

POS transactions at terminals located in the country

with cards issued outside the country *Transactions at terminals in the country by cards issued outside the country: POS payment transactions* [CT 8].

with cards issued in the country *Transactions at terminals in the country by cards issued in the country: POS payment transactions* [CT 8].

POS transactions at terminals located outside the country

with cards issued in the country *Transactions at terminals outside the country by cards issued in the country: POS payment transactions* [CT 8].

E-money payment transactions at terminals in the country

with cards issued in the country *E-money payment transactions by cards with an e-money function* [CT 8].

Table 15a: Transactions at terminals: Increase in the real value of payment transactions

This table is based on CT 8 or on Table 15, in that it takes the figures concerning the use of payment and e-money cards, in value terms, and calculates the year-on-year growth rate, deflated by CPI inflation.

POS transactions at terminals located in the country

with cards issued outside the country Difference between the value of *transactions at terminals in the country by cards issued outside the country: POS payment transactions* [CT 7] in the current and previous year, divided by that number for the previous year, deflated by *CPI inflation* in the current year [CT 1], in per cent.

with cards issued in the country Idem for *transactions at terminals in the country by cards issued in the country: POS payment transactions* [CT 7].

POS transactions at terminals located outside the country

with cards issued in the country Idem for *transactions at terminals outside the country by cards issued in the country: POS payment transactions* [CT 7].

E-money payment transactions at terminals in the country

with cards issued in the country Idem for *e-money payment transactions by cards with an e-money function* [CT 8].

Interbank funds transfer systems (IFTS) and securities settlement systems (SSS)

Table PS1: Features of selected interbank funds transfer systems

Figures are new and are not presented in the CTs. The first category, *system*, is presented in all payment systems (PS) tables.

<i>System</i>	All systems presented in CT 9.
<i>Type</i>	<i>Large-value payment system (L)</i> ; <i>retail payment system (R)</i>); foreign exchange settlement system (<i>FX</i>).
	If the IFTS processes both types of payments, it is characterised as <i>L+R</i> .
<i>Settlement</i>	<i>Real-Time Gross Settlement (RTGS)</i> . <i>Net (N)</i> , of which <i>multilateral netting (MN)</i> and <i>bilateral netting (BN)</i> . <i>Gross (G)</i> : other gross settlement. <i>Batch settlement (BA)</i> : settlement of batches in gross value without netting.
<i>Owner/manager</i>	<i>Central bank (CB)</i> , <i>commercial banks (B)</i> or a <i>payment association (PA)</i> .
<i>Processing</i>	<i>Manual (M)</i> , <i>automated clearing house</i> (offline, via an electronic clearing system in which payment orders are exchanged among financial institutions and handled by a data processing centre; <i>ACH</i>) or <i>real-time transmission</i> (the transmission of funds transfer instructions on an individual basis at the time they are initiated; <i>RTT</i>).
<i>Membership</i>	<i>Open</i> (any bank can apply; <i>O</i>) or <i>restricted</i> (subject to criteria; <i>R</i>).
<i>Degree of centralisation</i>	<i>Centralised</i> (one processing centre where all settlement instructions are processed; <i>C</i>) or <i>decentralised</i> (more than one processing centre; <i>D</i>).
<i>Pricing</i>	Costs passed on to payment system participants: <i>full cost (F)</i> , including investments with a view on cost recovery, <i>variable cost (V)</i> , with a view on recovering the costs of transactions, <i>symbolic cost (S)</i> , below variable cost, or <i>no cost (O)</i> .
<i>Closing time for same-day transactions</i>	Latest time of the day at which transactions can be sent to the system for settlement on the same day; in local time.
<i>Settlement finality</i>	<i>Real time</i> in RTGS systems. <i>Intraday</i> in prefunded net systems. Intraday finality is settlement finality achieved continuously or several times throughout the settlement day. It can be provided through real-time settlement procedures and/or the settlement of the results of multiple batch processing during the settlement day. At specific times of the day (in local time) in other net and gross systems.
<i>Cut-off third-party orders</i>	Latest time of the day at which transactions can be sent by third party or indirect participants to the system for settlement on the same day; in local time.
<i>Standard money market hours</i>	<i>Opening</i> and <i>closing</i> expressed in local time.

Table PS2: Payments processed by selected interbank funds transfer systems: Number of transactions

Based on CT 9.

<i>Number of transactions</i>	<i>Total number of transactions per system [CT 9].</i>
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> per system [CT 9], for the current and previous year, divided by that number for the previous year, in per cent.

Table PS3: Payments processed by selected interbank funds transfer systems: Value of transactions

Based on CTs 9 and 10.

<i>Value of transactions</i>	<i>Total value of transactions per system [CT 10], converted to USD using the average exchange rate [CT 1].</i>
<i>Average value per transaction</i>	<i>Total value of transactions per system [CT 10], converted to USD using the average exchange rate [CT 1], divided by total number of transactions per system [CT 9].</i>
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per system [CT 9] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Value of transactions as a percentage of GDP</i>	<i>Total value of transactions per system [CT 10], divided by GDP [CT 1], in per cent.</i>

Table PS4: Participation in selected interbank funds transfer systems

Concentration ratios come from CTs 9 and 10. Figures concerning participation in payment systems are new and are not presented in the CTs.

<i>Total number of participants</i>	Any institution that is identified/recognised by the system and which is allowed to send transfer orders to and to receive transfer orders from the system, either directly (as a direct participant) or indirectly (as an indirect participant). For CLS: settlement members and user members.
<i>... of which: direct participants</i>	Any participant in a system that directly exchanges transfer orders with other participants in the system, without an intermediary, and is directly responsible for settling them. In some systems, direct participants also exchange orders on behalf of indirect participants. For CLS: only settlement members.
<i>Concentration ratio in terms of volume</i>	Concentration ratio in terms of volume [CT 9], in per cent.
<i>Concentration ratio in terms of value</i>	Concentration ratio in terms of value [CT 10], in per cent.

Table PS4a: Participation in selected interbank funds transfer systems: Direct participants

Figures are new and are not presented in the CTs.

<i>Central bank</i>	The central bank is a direct participant in the system when it directly exchanges transfer orders with other participants in the system.
<i>Banks</i>	Any institution recognised as a bank by the national jurisdiction, which is a direct participant in the system.

<i>Public administration</i>	Central, regional or local government, government agencies and other (semi-) public institutions, which are direct participants in the system.
<i>Postal institution</i>	The postal institution is only counted separately when it i) participates directly in the system and ii) is not considered (and supervised) as a bank (if this is the case, it is counted together with with other banks).
<i>Clearing and settlement organisations</i>	All clearing and settlement organisations which are direct participants in the system. Generally, retail and securities clearing and/or settlement organisations directly participate in the large-value funds transfer system in which the respective retail or securities transactions are finally settled. When the relevant settlement organisations are considered as banks, they can be counted either under “banks” or under “clearing and settlement organisations”; a footnote explains the choice made.
<i>Other financial institutions</i>	All other financial institutions that are under the supervision of the relevant authorities (either the central bank or the prudential supervisor), but are not considered as banks.
<i>Other</i>	All other entities directly participating in the system.

Table SSS1: Features of selected securities settlement systems

Figures are new and are not presented in the CTs. The first category, *system*, is presented in all securities settlement systems (SSS) tables.

<i>System</i>	All SSS presented in CT 11a.
<i>Type of securities</i>	<i>Bonds (B), certificates of deposit (C), government securities (G), equity (E) and/or other (O).</i>
<i>Owner/manager</i>	<i>Central bank (CB), commercial banks (B), the stock exchange (SE) or other (O).</i>
<i>Delivery lag (T+n)</i>	Time lag between entering into a trade/bargain and its discharge by the final exchange of a financial asset for payment.
<i>Settlement of cash leg</i>	<i>Gross (G), net (N) or real-time gross settlement (RTGS).</i>
<i>Securities settlement (delivery)</i>	Final transfer of a security or financial instrument: it can either be <i>gross (G), net (N) or real-time gross settlement (RTGS).</i>
<i>DVP (Delivery Versus Payment) mechanism</i>	<p>A link between a securities transfer system and a funds transfer system that ensures that delivery occurs if, and only if, payment occurs.</p> <p>In <i>DVP model 1</i>, transfer instructions for both securities and funds are settled on a trade-by-trade basis, with final transfer of securities from the seller to the buyer (delivery) occurring at the same time as final transfer of the funds from the buyer to the seller (payment).</p> <p>In <i>DVP model 2</i>, securities transfer instructions are settled on a gross basis, with final transfer of securities from the seller to the buyer (delivery) occurring throughout the processing cycle, but funds transfer instructions are settled on a net basis, with final transfer of the funds from the buyer to the seller (payment) occurring at the end of the processing cycle.</p> <p>In <i>DVP model 3</i>, transfer instructions for both securities and funds are settled on a net basis, with final transfer of both securities and funds occurring at the end of the processing cycle.</p>

<i>Intraday finality</i>	Settlement finality achieved continuously or several times throughout the settlement day. Intraday finality can be provided through real-time settlement procedures and/or the settlement of the results of multiple batch processing during the settlement day (yes if the system offers intraday finality; no otherwise).
<i>Closing time for same-day transactions</i>	Latest time of the day at which transactions can be sent to the system for settlement on the same day; in local time.
<i>Central Securities Depository</i>	Name of the Central Securities Depository (CSD). A CSD is a facility (or an institution) for holding securities, which enables securities transactions to be processed by book entry. Physical securities may be immobilised by the depository or securities may be dematerialised (ie so that they exist only as electronic records). In addition to safekeeping, a central securities depository may incorporate comparison, clearing and settlement functions.
<i>Cash settlement agent</i>	The cash settlement agent, the <i>central bank (CB)</i> , <i>commercial banks (B)</i> , the <i>stock exchange (SE)</i> or <i>other (O)</i> , settles the cash leg of the securities transaction.

Table SSS2: Transactions processed by selected securities settlement systems: Number of transactions

Based on CT 11a.

<i>Number of transactions</i>	<i>Total number of transactions</i> per system [CT 11a].
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> [CT 11a] per system in the current and previous year, divided by that number for the previous year, in per cent.

Table SSS3: Transactions processed by selected securities settlement systems: Value of transactions

Based on CTs 11a and b.

<i>Value of transactions</i>	<i>Total value of transactions</i> per system [CT 11b] , converted to USD using the <i>average exchange rate</i> [CT 1].
<i>Average value per transaction</i>	<i>Total value of transactions</i> per system [CT 11b], converted to USD using the <i>average exchange rate</i> [CT 1], divided by <i>total number of transactions</i> per system [CT 11a].
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per system [CT 11b] in the current and the previous year, divided by the <i>total value of transactions</i> [CT 11b] in the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Value of transactions as a percentage of GDP</i>	<i>Total value of transactions</i> per system [CT 11b], divided by <i>GDP</i> [CT 1], in per cent.

Table SSS4: Participation in selected securities settlement systems

Based on CT 11c.

<i>Total number of participants</i>	Number of participants in securities settlement systems – total [CT 11c].
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Bank of England	Mr Roy Clive Mr Chris Becher
Board of Governors of the Federal Reserve System	Ms Samia Y Husain Mr Geoffrey R Gerdes
Bank for International Settlements	Ms Elisabeth Ledrut Mr Stephan Arthur Ms Tiana Moren Jefferies

