

Comparative tables

Table 1
Basic statistical data

	GDP (USD billions) ¹					Population (millions, yearly average)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	952	1,050	999	1,246	1,500	21.1	21.4	21.8	22.1	22.4
Belgium	460	507	474	471	514	10.6	10.7	10.8	11.0	11.0
Brazil	1,366	1,650	1,625	2,143	2,474	187.6	189.6	191.5	193.3	194.9
Canada	1,423	1,504	1,339	1,577	1,740	32.9	33.3	33.7	34.1	34.4
China	3,492	4,590	4,912	5,790	7,298	1,317.9	1,324.7	1,331.4	1,337.2	1,343.5
France	2,582	2,828	2,623	2,563	2,776	63.6	64.0	64.3	64.8	65.2
Germany	3,323	3,619	3,303	3,302	3,605	82.3	82.1	81.9	81.8	81.8
Hong Kong SAR	212	219	214	229	249	6.9	7.0	7.0	7.1	7.1
India	1,208	1,286	1,334	1,678	1,906	1,138.0	1,154.0	1,170.0	1,186.0	1,202.0
Italy	2,127	2,305	2,114	2,055	2,196	58.9	59.3	59.8	60.1	60.3
Japan	4,356	4,845	5,037	5,500	5,905	127.8	127.7	127.5	128.1	127.8
Korea	1,049	931	834	1,015	1,116	48.6	48.9	49.2	49.4	49.8
Mexico	1,036	1,094	884	1,036	1,154	105.3	106.2	107.1	108.0	108.8
Netherlands	782	870	797	779	837	16.4	16.5	16.6	16.7	16.7
Russia	1,300	1,664	1,225	1,488	1,860	142.1	142.0	142.4	142.9	143.0
Saudi Arabia	385	476	377	456	597	24.9	25.8	26.7	27.6	28.4
Singapore	177	189	183	227	260	4.6	4.8	5.0	5.1	5.2
South Africa	286	274	284	363	409	48.6	49.1	49.6	50.1	50.6
Sweden	463	486	406	463	539	9.2	9.3	9.3	9.4	9.5
Switzerland	451	524	511	551	662	7.6	7.7	7.8	7.9	7.9
Turkey	648	735	616	732	777	70.6	71.5	72.6	73.7	74.7
United Kingdom	2,826	2,644	2,188	2,264	2,422	61.0	61.4	61.8	nav	nav
United States	14,029	14,292	13,974	14,499	15,076	301.2	304.1	306.8	309.4	311.6
CPSS²	44,932	48,583	46,252	50,427	55,871	3,887.7	3,921.1	3,954.4	3,925.4	3,956.6

Table 1 (cont)

	GDP per capita (USD) ¹					CPI inflation (per cent, yearly average)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	45,206	48,992	45,809	56,371	67,041	2.9	3.7	2.1	2.8	3.0
Belgium	43,264	47,326	43,928	43,023	46,863	1.8	4.5	0.0	2.3	3.5
Brazil	7,280	8,703	8,486	11,089	12,692	4.5	5.9	4.3	5.9	6.5
Canada	43,281	45,217	39,760	46,291	50,517	2.1	2.4	0.3	1.8	2.9
China	2,650	3,465	3,689	4,330	5,432	4.8	5.9	-0.7	3.3	5.4
France	40,597	44,220	40,789	39,537	42,594	1.6	3.2	0.1	1.7	2.3
Germany	40,398	44,074	40,338	40,393	44,080	2.3	2.8	0.2	1.2	2.5
Hong Kong SAR	30,497	31,488	30,594	32,447	34,955	2.0	4.3	0.5	2.4	5.3
India	1,061	1,114	1,140	1,415	1,585	4.8	4.8	4.8	12.0	8.8
Italy	36,122	38,838	35,375	34,216	36,407	2.0	3.5	0.8	1.6	2.9
Japan	34,089	37,945	39,500	42,949	46,204	0.1	1.4	-1.3	-0.7	-0.3
Korea	21,592	19,019	16,966	20,536	22,428	2.5	4.7	2.8	3.0	4.0
Mexico	9,836	10,294	8,249	9,593	10,606	4.0	5.1	5.3	4.2	3.4
Netherlands	47,695	52,758	48,103	46,763	50,030	1.6	2.2	1.0	0.9	2.5
Russia	9,148	11,721	8,600	10,410	13,008	11.9	13.3	8.8	8.8	6.1
Saudi Arabia	15,424	18,471	14,129	16,541	21,042	4.1	9.9	5.1	5.4	5.0
Singapore	38,642	39,139	36,755	44,782	50,115	2.1	6.6	0.6	2.8	5.2
South Africa	5,887	5,583	5,727	7,250	8,072	9.0	9.5	6.3	3.5	6.1
Sweden	50,550	52,553	43,493	49,187	56,990	1.7	3.3	1.9	1.9	1.4
Switzerland	59,147	67,980	65,470	69,927	83,630	0.7	2.4	-0.5	0.7	0.2
Turkey	9,178	10,280	8,485	9,934	10,402	8.4	10.1	6.5	6.4	10.5
United Kingdom	46,340	43,057	35,413	nav	nav	2.3	3.6	2.2	3.3	4.5
United States	46,571	46,997	45,551	46,869	48,383	2.5	3.7	-0.5	1.4	2.8
CPSS²	11,557	12,390	11,696	12,270	13,509	2.9	4.2	0.7	2.5	3.5

Table 1 (cont)

	Exchange rate vis-à-vis USD (yearly average)					Exchange rate vis-à-vis USD (end of year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1.1860	1.1730	1.2521	1.0870	0.9609	1.1343	1.4434	1.1150	0.9840	0.9846
Belgium	0.7308	0.6835	0.7190	0.7559	0.7192	0.6793	0.7185	0.6942	0.7484	0.7729
Brazil	1.9483	1.8375	1.9936	1.7593	1.6746	1.7713	2.3370	1.7412	1.6662	1.8758
Canada	1.0748	1.0660	1.1420	1.0299	0.9891	0.9881	1.2246	1.0466	0.9946	1.0170
China	7.3676	6.8424	6.8279	6.7700	6.4614	7.3046	6.8346	6.8282	6.6230	6.3009
France	0.7308	0.6835	0.7190	0.7559	0.7192	0.6793	0.7185	0.6942	0.7484	0.7729
Germany	0.7308	0.6835	0.7190	0.7559	0.7192	0.6793	0.7185	0.6942	0.7484	0.7729
Hong Kong SAR	7.8014	7.7868	7.7518	7.7692	7.7840	7.8015	7.7505	7.7555	7.7745	7.7655
India	41.29	43.42	48.40	45.73	46.47	39.41	48.45	46.68	44.81	53.27
Italy	0.7308	0.6835	0.7190	0.7559	0.7192	0.6793	0.7185	0.6942	0.7484	0.7729
Japan	117.77	103.44	93.54	87.71	79.70	112.04	90.64	92.43	81.31	77.44
Korea	929.20	1,102.59	1,276.40	1,156.26	1,108.11	938.20	1,257.50	1,167.60	1,138.90	1,153.30
Mexico	10.93	11.14	13.51	12.64	12.43	10.87	13.54	13.06	12.36	13.98
Netherlands	0.7308	0.6835	0.7190	0.7559	0.7192	0.6793	0.7185	0.6942	0.7484	0.7729
Russia	25.57	24.81	31.68	30.36	29.35	24.55	29.38	30.24	30.48	32.20
Saudi Arabia	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
Singapore	1.5071	1.4148	1.4545	1.3635	1.2579	1.4412	1.4392	1.4034	1.2875	1.3007
South Africa	7.0540	8.2520	8.4370	7.3220	7.2530	6.7860	9.3040	7.3720	6.6220	8.1320
Sweden	6.7585	6.5874	7.6446	7.2062	6.4939	6.4136	7.8106	7.1165	6.7097	6.8877
Switzerland	1.2001	1.0833	1.0854	1.0426	0.8868	1.1240	1.0670	1.0298	0.9358	0.9395
Turkey	1.3015	1.2929	1.5471	1.5004	1.6700	1.1647	1.5123	1.5057	1.5460	1.9065
United Kingdom	0.4997	0.5451	0.6406	0.6478	0.6238	0.4982	0.6844	0.6165	0.6442	0.6456
United States	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
CPSS	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

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

¹ Converted at yearly average exchange rates. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	42.01	37.83	49.05	57.20	60.07	1,994.8	1,764.6	2,248.0	2,588.5	2,685.2
Belgium	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Brazil	58.08	49.46	75.73	90.71	86.77	309.5	260.9	395.5	469.4	445.1
Canada	56.11	48.02	57.95	63.53	65.34	1,706.4	1,443.5	1,720.9	1,864.3	1,897.1
China	449.54	541.08	606.59	nav	nav	341.1	408.5	455.6	nav	nav
France	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Germany	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Hong Kong SAR	21.95	23.97	26.94	30.34	34.77	3,163.4	3,442.4	3,850.2	4,302.4	4,888.5
India	149.89	142.64	171.27	211.67	200.17	131.7	123.6	146.4	178.5	166.5
Italy	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Japan	766.29	949.57	925.14	1,068.20	1,143.42	5,997.4	7,436.4	7,255.5	8,341.6	8,947.1
Korea	31.15	24.38	31.90	37.93	42.10	641.0	498.1	648.6	767.7	845.7
Mexico	45.53	42.66	48.39	56.12	54.62	432.2	401.5	451.7	519.7	501.9
Netherlands	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Russia	168.02	149.02	153.08	190.06	214.40	1,182.3	1,049.7	1,074.7	1,329.9	1,499.7
Saudi Arabia	21.92	25.07	26.47	29.59	37.29	879.0	972.2	992.7	1,073.6	1,314.2
Singapore	12.79	14.41	15.85	19.04	21.13	2,787.9	2,977.3	3,176.9	3,750.5	4,075.6
South Africa	23.19	15.53	20.23	23.58	13.57	477.7	316.2	407.6	470.3	268.0
Sweden	17.83	14.37	15.33	15.59	14.44	1,948.1	1,553.0	1,641.3	1,655.2	1,526.6
Switzerland	41.68	48.57	51.15	57.98	62.33	5,470.9	6,298.8	6,557.2	7,360.8	7,877.8
Turkey	24.17	21.50	26.06	32.33	29.42	342.4	300.7	359.2	438.6	393.8
United Kingdom	95.07	71.71	85.98	85.11	89.46	1,558.9	1,168.0	1,391.4	nav	nav
United States	828.91	889.89	928.23	982.72	1,075.79	2,751.7	2,926.3	3,025.8	3,176.7	3,452.6
Euro area	1,026.24	1,092.01	1,194.66	1,154.10	1,182.21	3,146.7	3,330.3	3,630.5	3,496.8	3,571.1
CPSS excl euro area²	2,854.14	3,109.67	3,315.33	3,051.70	3,245.08	780.7	843.1	890.9	1,296.4	1,364.6
CPSS incl euro area²	3,880.38	4,201.69	4,510.00	4,205.80	4,427.29	974.5	1,046.1	1,113.5	1,567.0	1,634.2

Table 2 (cont)

	Value as a percentage of GDP					Value as a percentage of narrow money				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	4.22	4.43	4.37	4.16	4.10	20.60	23.52	22.60	21.43	21.73
Belgium	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Brazil	3.87	3.81	4.07	4.01	3.93	44.46	51.73	52.70	53.62	57.04
Canada	3.62	3.67	3.97	3.89	3.86	12.83	12.06	10.99	10.50	10.18
China	12.76	11.78	12.35	nav	nav	21.53	22.25	18.83	nav	nav
France	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Germany	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Hong Kong SAR	10.37	10.88	12.59	13.27	13.95	37.69	37.83	31.12	32.31	33.97
India	11.85	12.38	12.38	12.36	12.04	57.84	61.23	60.07	59.60	62.81
Italy	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Japan	16.74	17.17	18.15	18.01	18.81	17.22	17.43	17.15	16.86	16.36
Korea	3.00	2.99	3.50	3.68	3.92	9.24	9.27	9.56	10.10	10.98
Mexico	4.37	4.74	5.29	5.30	5.32	36.65	38.95	39.14	37.82	36.65
Netherlands	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Russia	12.40	10.61	11.93	12.82	12.65	nav	nav	nav	53.34	53.69
Saudi Arabia	5.70	5.26	7.03	6.49	6.25	21.43	22.10	19.03	17.74	18.38
Singapore	6.90	7.74	8.34	7.91	8.41	28.84	27.39	23.79	21.80	21.28
South Africa	7.81	6.39	6.22	5.87	3.72	21.32	19.17	18.50	18.09	11.65
Sweden	3.66	3.50	3.51	3.13	2.84	8.55	7.97	7.11	6.60	6.60
Switzerland	8.66	9.13	9.50	9.45	9.98	17.28	15.76	13.28	12.54	12.15
Turkey	3.34	3.42	4.12	4.55	4.32	36.87	38.05	36.56	36.98	34.80
United Kingdom	3.35	3.41	3.78	3.74	3.82	4.41	4.37	4.47	4.44	4.54
United States	5.91	6.23	6.64	6.78	7.14	59.44	54.53	53.85	52.54	48.75
Euro area	7.73	8.50	9.30	9.44	9.72	17.87	19.44	18.20	18.18	18.79
CPSS excl euro area²	8.00	8.09	8.97	8.60	8.40	23.00	23.44	22.15	22.33	21.89
CPSS incl euro area²	8.09	8.09	9.14	8.84	8.56	21.38	22.25	20.95	21.01	20.96

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

¹ Converted at end-of-year exchange rates. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	5.75	12.81	4.58	2.27	2.90	0.58	1.50	0.41	0.16	0.20
Belgium	18.61	15.64	15.23	14.50	13.07	3.76	3.24	3.10	3.05	2.73
Brazil	28.27	15.45	23.85	30.22	25.63	1.88	1.19	1.28	1.34	1.16
Canada	0.32	0.44	2.82	0.03	0.02	0.02	0.03	0.19	0.00	0.00
China	929.65	1,331.73	1,483.07	2,005.39	2,664.74	26.39	28.98	30.20	33.88	35.61
France	55.65	57.83	55.04	55.05	54.22	2.00	2.15	2.03	2.13	2.10
Germany	69.91	200.89	137.02	106.22	202.08	1.96	5.84	4.01	3.18	6.02
Hong Kong SAR ³	1.36	20.39	34.11	19.13	19.15	0.64	9.26	15.95	8.36	7.68
India	83.34	60.12	75.47	94.51	66.88	6.59	5.22	5.46	5.52	4.02
Italy	32.48	43.88	43.84	35.24	47.86	1.42	2.00	2.00	1.70	2.34
Japan	66.73	111.36	154.59	217.70	396.65	1.46	2.01	3.03	3.67	6.53
Korea	28.75	24.26	28.26	31.55	33.19	2.77	2.97	3.10	3.06	3.09
Mexico	25.69	20.69	21.40	22.61	20.01	2.47	2.30	2.34	2.13	1.95
Netherlands	30.74	31.85	30.44	28.10	29.01	3.65	3.85	3.69	3.57	3.73
Russia	28.96	21.98	20.29	20.54	18.84	2.14	1.56	1.58	1.39	1.11
Saudi Arabia	26.29	22.98	39.80	38.36	42.47	6.83	4.82	10.57	8.41	7.11
Singapore	6.61	9.36	9.98	12.33	13.70	3.57	5.03	5.25	5.12	5.45
South Africa	6.14	5.02	6.30	8.03	6.78	2.07	2.07	1.94	2.00	1.86
Sweden ³	0.02	26.46	24.05	0.77	2.45	0.00	6.45	5.51	0.15	0.48
Switzerland	4.52	35.91	39.35	31.11	188.52	0.94	6.75	7.31	5.07	30.18
Turkey	16.49	16.49	15.77	21.65	19.96	2.28	2.62	2.49	3.05	2.93
United Kingdom	53.68	nav	nav	nav	nav	1.89	nav	nav	nav	nav
United States	15.97	820.61	1,089.47	1,022.42	1,524.54	0.11	5.74	7.80	7.05	10.11
CPSS⁴	1,535.94	2,906.17	3,354.72	3,817.72	5,392.65	3.42	6.33	7.61	7.93	10.09

Table 3 (cont)

	Transferable balances held at other banks									
	Total value (USD billions) ²					Value as a percentage of GDP				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	65.31	52.90	71.08	71.09	78.15	13.21	10.97	14.48	14.94	16.33
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	1.30	1.17	1.18	1.54	1.90	0.08	0.09	0.08	0.09	0.11
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France ⁵	442.74	418.24	517.70	468.25	330.00	15.94	15.55	19.06	18.09	12.77
Germany	395.87	451.88	421.69	471.29	430.38	11.07	13.13	12.33	14.13	12.83
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ³	213.03	347.15	304.10	148.48	131.42	9.31	15.84	13.89	7.15	6.43
Japan ⁶	52.42	86.95	86.07	125.68	107.39	1.18	1.83	1.64	2.17	1.75
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	0.53	0.27	0.45	0.80	0.76	0.05	0.03	0.05	0.08	0.07
Netherlands ³	66.78	44.15	65.96	42.46	60.48	7.93	5.34	7.99	5.40	7.76
Russia	5.35	5.04	4.46	5.34	7.10	0.40	0.36	0.35	0.36	0.42
Saudi Arabia	83.03	91.33	115.51	141.35	170.95	21.58	19.17	30.66	31.00	28.63
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	19.31	15.38	19.40	13.70	13.19	6.50	6.32	5.96	3.41	3.62
Sweden ³	60.72	nav	nav	nav	nav	12.46	nav	nav	nav	nav
Switzerland ³	128.55	136.10	103.89	111.57	117.72	26.72	25.57	19.30	18.18	18.85
Turkey	24.83	28.83	31.47	18.25	17.45	3.43	4.59	4.98	2.57	2.56
United Kingdom	746.03	753.37	1,128.05	1,023.68	966.72	26.32	35.78	49.61	44.96	41.30
United States ³	30.40	33.90	29.43	32.35	40.83	0.22	0.24	0.21	0.22	0.27
CPSS⁴	2,336.21	2,466.65	2,900.45	2,675.84	2,474.44	6.40	6.46	8.11	7.11	6.11

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. ³ End of year. ⁴ Sum or average excluding those countries for which data are not available. ⁵ Average of fourth quarter. ⁶ Balances at end-September, converted at end-September exchange rates.

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

	Number of institutions									
	Total number					Number per million inhabitants				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	213	204	186	175	170	10.1	9.5	8.5	7.9	7.6
Belgium	112	107	106	108	110	10.5	10.0	9.8	9.9	10.0
Brazil ²	97,416	109,641	151,025	166,711	162,440	519.2	578.2	788.7	862.7	833.3
Canada	1,166	1,113	1,054	986	936	35.5	33.5	31.3	28.9	27.2
China	8,877	5,635	3,859	3,770	3,801	6.7	4.3	2.9	2.8	2.8
France	810	730	714	688	662	12.7	11.4	11.1	10.6	10.2
Germany	2,016	1,982	1,940	1,931	1,942	24.5	24.1	23.7	23.6	23.7
Hong Kong SAR	201	201	200	194	199	29.0	28.9	28.6	27.5	28.0
India	1,945	1,894	1,845	1,814	1,789	1.7	1.6	1.6	1.5	1.5
Italy	852	831	830	803	797	14.5	14.0	13.9	13.4	13.2
Japan	1,656	1,587	1,543	1,525	nav	13.0	12.4	12.1	11.9	nav
Korea	4,049	4,011	3,976	3,924	3,871	83.3	81.9	80.8	79.4	77.8
Mexico	nav	nav	122	141	156	nav	nav	1.1	1.3	1.4
Netherlands	355	323	319	309	306	21.6	19.6	19.2	18.6	18.3
Russia	1,138	1,110	1,060	1,014	980	8.0	7.8	7.4	7.1	6.9
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	161	166	168	170	171	35.1	34.3	33.7	33.5	33.0
South Africa	36	36	33	31	31	0.7	0.7	0.7	0.6	0.6
Sweden	129	129	113	112	112	14.1	13.9	12.1	11.9	11.8
Switzerland	332	329	327	322	314	43.6	42.7	41.9	40.9	39.7
Turkey	52	51	51	51	50	0.7	0.7	0.7	0.7	0.7
United Kingdom	381	377	366	382	367	6.2	6.1	5.9	nav	nav
United States	17,043	16,512	15,954	15,379	14,867	56.6	54.3	52.0	49.7	47.7
CPSS³	138,940	146,969	185,791	200,540	194,071	37.0	38.8	47.3	51.4	51.1

Table 4 (cont)

	Number of branches or offices									
	Total number					Number per million inhabitants				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	6,529	6,626	6,678	6,701	6,732	310.0	309.1	306.1	303.2	300.9
Belgium	5,737	5,678	5,608	5,487	5,260	540.1	530.3	519.7	501.1	479.4
Brazil ²	126,426	140,325	181,813	198,251	195,649	673.8	740.1	949.5	1,025.9	1,003.7
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	192,031	195,461	195,081	nav	nav	145.7	147.6	146.5	nav	nav
France	39,402	39,121	38,334	38,823	38,171	619.5	611.6	596.1	598.9	585.7
Germany	41,865	41,601	40,862	40,130	39,643	508.9	506.6	499.1	490.8	484.8
Hong Kong SAR	1,551	1,587	1,578	1,606	1,620	223.5	227.9	225.5	227.7	227.8
India	83,958	87,907	90,373	101,275	108,136	73.8	76.2	77.2	85.4	90.0
Italy	46,311	47,264	48,258	48,042	46,966	786.5	796.5	807.6	800.0	778.5
Japan	55,747	55,341	55,067	54,960	nav	436.3	433.4	431.9	429.2	nav
Korea	18,211	18,677	18,558	18,820	19,100	374.7	381.6	377.3	380.9	383.7
Mexico	nav	nav	14,179	15,199	15,884	nav	nav	132.4	140.8	146.0
Netherlands	3,625	3,672	3,555	2,906	2,706	221.0	222.7	214.5	174.5	161.7
Russia	80,434	82,668	81,788	83,467	85,477	566.0	582.3	574.2	584.0	597.9
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	488	497	499	507	515	106.3	102.7	100.0	99.9	99.3
South Africa	3,306	2,975	3,172	3,436	3,725	68.1	60.6	63.9	68.5	73.6
Sweden	1,987	1,987	1,934	1,883	1,830	217.2	214.7	207.0	200.0	193.5
Switzerland	5,070	5,043	4,959	4,931	4,863	665.4	654.0	635.7	626.0	614.6
Turkey	11,224	12,535	12,860	13,375	13,894	159.0	175.3	177.2	181.4	185.9
United Kingdom	27,277	24,554	22,743	22,533	22,364	447.3	399.9	368.1	nav	nav
United States	115,105	116,570	110,906	110,465	118,190	382.1	383.3	361.5	357.1	379.3
CPSS³	866,284	890,089	938,805	772,797	730,725	232.6	237.0	241.1	305.9	301.6

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

¹ Except as noted. ² Includes also bank correspondents, which are non-financial entities acting as banks' agents. ³ 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	13,995	15,120	15,834	16,642	16,601	1.32	1.41	1.47	1.52	1.51
Brazil	112,130	125,667	133,628	141,261	150,085	0.60	0.66	0.70	0.73	0.77
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	73,158	74,431	75,778	76,875	77,795	1.15	1.16	1.18	1.19	1.19
Germany	91,158	91,545	93,970	94,761	95,194	1.11	1.11	1.15	1.16	1.16
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy ²	34,228	34,408	34,704	36,393	38,467	0.58	0.58	0.58	0.61	0.64
Japan	408,314	405,351	403,624	400,363	nav	3.20	3.17	3.17	3.13	nav
Korea	27,283	28,922	30,086	31,089	32,299	0.56	0.59	0.61	0.63	0.65
Mexico	nav	nav	60,905	74,212	77,019	nav	nav	0.57	0.69	0.71
Netherlands	23,746	23,825	23,819	24,049	23,431	1.45	1.45	1.44	1.44	1.40
Russia	434,738	483,361	521,913	556,527	619,889	3.06	3.41	3.66	3.89	4.34
Saudi Arabia	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Turkey	97	102	111	126	142	0.0	0.0	0.0	0.0	0.0
United Kingdom	143,656	125,696	127,355	133,183	128,261	2.36	2.05	2.06	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS³	1,362,503	1,408,428	1,521,727	1,585,482	1,259,183	1.57	1.61	1.54	1.71	1.56

Table 5 (cont)

	Value of deposit accounts									
	Total value (<i>USD billions</i>) ⁴					Value per inhabitant (<i>USD</i>) ⁴				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1,080	964	1,325	1,584	1,701	51,270	44,944	60,719	71,666	76,033
Belgium	188	178	198	191	186	17,742	16,606	18,364	17,415	16,957
Brazil	86	58	86	100	86	460	305	447	516	440
Canada	389	354	485	554	584	11,842	10,657	14,389	16,269	16,946
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	753	705	792	769	781	11,847	11,028	12,322	11,867	11,990
Germany	1,261	1,291	1,611	1,591	1,638	15,328	15,723	19,676	19,461	20,033
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	899	892	994	1,400	1,236	790	773	849	1,180	1,028
Italy ²	988	1,015	1,183	1,096	986	16,783	17,099	19,800	18,247	16,346
Japan ⁵	3,305	3,764	4,100	4,619	nav	25,864	29,476	32,155	36,068	nav
Korea	83	61	74	78	85	1,703	1,243	1,502	1,584	1,702
Mexico	nav	nav	117	125	135	nav	nav	1,094	1,157	1,244
Netherlands	351	349	401	423	421	21,405	21,193	24,187	25,393	25,184
Russia	437	390	444	545	627	3,072	2,749	3,118	3,814	4,385
Saudi Arabia	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Singapore	226	248	292	352	381	49,151	51,330	58,497	69,242	73,425
South Africa	280	246	309	346	308	5,766	5,000	6,220	6,893	6,074
Sweden	298	259	324	364	409	32,560	28,008	34,729	38,622	43,276
Switzerland	144	222	304	356	571	18,926	28,808	38,953	45,139	72,128
Turkey	1,042	953	1,095	1,124	1,038	14,766	13,321	15,088	15,253	13,892
United Kingdom	9,214	8,363	4,069	3,972	4,438	151,083	136,205	65,851	nav	nav
United States	855	994	1,060	1,124	1,510	2,840	3,269	3,454	3,633	4,846
CPSS³	21,880	21,306	19,262	20,711	17,120	8,995	8,670	7,439	8,110	6,989

Table 5 (cont)

	Value of deposit accounts as a percentage of GDP				
	2007	2008	2009	2010	2011
Australia	108.5	112.9	118.0	115.1	116.2
Belgium	38.1	36.9	40.4	40.1	38.9
Brazil	5.7	4.5	4.6	4.4	3.9
Canada	25.2	27.1	33.2	33.9	34.5
China	nav	nav	nav	nav	nav
France	27.1	26.2	29.2	29.7	30.2
Germany	35.3	37.5	47.1	47.7	48.8
Hong Kong SAR	nav	nav	nav	nav	nav
India	71.0	77.4	71.8	81.7	74.3
Italy ²	43.2	46.3	54.0	52.8	48.2
Japan	73.6	75.4	80.8	82.1	nav
Korea	8.0	7.5	8.1	7.6	7.9
Mexico	nav	nav	12.8	11.8	13.2
Netherlands	41.7	42.2	48.5	53.8	54.1
Russia	32.2	27.8	34.6	36.8	37.0
Saudi Arabia	nav	nav	nav	nav	nav
Singapore	121.6	133.4	153.6	146.0	151.5
South Africa	94.2	101.0	94.9	86.0	84.4
Sweden	61.1	63.2	74.3	73.1	80.5
Switzerland	30.0	41.7	56.4	57.9	91.4
Turkey	144.0	151.6	173.1	158.2	152.5
United Kingdom	325.0	397.2	178.9	174.5	189.6
United States	6.1	7.0	7.6	7.8	10.0
CPSS³	55.0	50.5	47.3	47.1	40.9

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

¹ Except as noted. ² Only deposits held at banks. ³ Sum or average excluding those countries for which data are not available. ⁴ Converted at end-of-year exchange rates, except as noted. ⁵ Converted at average of fiscal year ending March (following year) exchange rates.

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 (%)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	5,266	5,691	6,093	6,589	7,129	7.7	8.1	7.1	8.1	8.2
Belgium	2,100	2,198	2,290	2,386	2,501	6.1	4.7	4.2	4.2	4.8
Brazil	11,865	13,291	18,375	19,333	21,774	10.0	12.0	38.3	5.2	12.6
Canada	8,327	8,810	9,071	9,410	9,816	5.5	5.8	3.0	3.7	4.3
China	3,406	4,268	5,185	6,768	8,432	18.2	25.3	21.5	30.5	24.6
France	15,460	15,893	16,422	17,057	17,538	3.5	2.8	3.3	3.9	2.8
Germany	15,548	16,022	16,587	17,334	17,776	-9.7	3.0	3.5	4.5	2.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	3,781	4,432	5,487	6,605	7,688	25.4	17.2	23.8	20.4	16.4
Italy	3,760	3,816	3,947	4,004	4,160	4.3	1.5	3.4	1.4	3.9
Japan	7,352	7,850	11,167	nav	nav	21.4	6.8	42.2	nav	nav
Korea	8,636	9,648	10,618	12,081	13,483	11.6	11.7	10.1	13.8	11.6
Mexico	1,918	2,068	2,118	2,319	2,620	11.5	7.8	2.4	9.5	13.0
Netherlands	4,530	4,820	5,014	5,423	5,648	5.7	6.4	4.0	8.2	4.1
Russia	3,063	3,591	3,728	4,832	5,646	47.5	17.2	3.8	29.6	16.9
Saudi Arabia	811	1,093	1,172	1,367	1,616	9.3	34.8	7.3	16.6	18.3
Singapore	1,999	2,217	2,416	2,569	3,279	-0.4	10.9	9.0	6.3	27.7
South Africa	nav	nav	1,958	2,187	2,379	nav	nav	nav	11.7	8.8
Sweden	2,193	2,567	2,667	2,885	3,071	2.8	17.0	3.9	8.2	6.5
Switzerland	1,149	1,224	1,287	1,359	1,421	5.0	6.5	5.2	5.5	4.6
Turkey	1,444	1,713	1,910	2,179	2,491	9.0	18.6	11.5	14.1	14.3
United Kingdom	14,884	15,260	15,891	16,546	17,795	3.2	2.5	4.1	4.1	7.6
United States	98,621	102,345	104,050	107,222	114,273	5.4	3.8	1.7	3.0	6.6
CPSS¹	216,113	228,818	247,454	250,454	270,537	5.8	5.9	7.3	6.0	8.0

Table 6 (cont)

	Number per inhabitant					Number per deposit account held by non-banks				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	250	265	279	298	319	nav	nav	nav	nav	nav
Belgium	198	205	212	218	228	150	145	145	143	151
Brazil	63	70	96	100	112	106	106	138	137	145
Canada	253	265	269	276	285	nav	nav	nav	nav	nav
China	3	3	4	5	6	nav	nav	nav	nav	nav
France	243	248	255	263	269	211	214	217	222	225
Germany	189	195	203	212	217	171	175	177	183	187
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	3	4	5	6	6	nav	nav	nav	nav	nav
Italy	64	64	66	67	69	110	111	114	110	108
Japan	58	61	88	nav	nav	18	19	28	nav	nav
Korea	178	197	216	244	271	317	334	353	389	417
Mexico	18	19	20	21	24	nav	nav	35	31	34
Netherlands	276	292	303	326	338	191	202	211	225	241
Russia	22	25	26	34	39	7	7	7	9	9
Saudi Arabia	33	42	44	50	57	nav	nav	nav	nav	nav
Singapore	436	458	484	506	633	nav	nav	nav	nav	nav
South Africa	nav	nav	39	44	47	nav	nav	nav	nav	nav
Sweden	240	277	286	306	325	nav	nav	nav	nav	nav
Switzerland	151	159	165	172	180	nav	nav	nav	nav	nav
Turkey	20	24	26	30	33	14,863	16,764	17,263	17,316	17,571
United Kingdom	244	249	257	nav	nav	104	121	125	124	139
United States	327	337	339	347	367	nav	nav	nav	nav	nav
CPSS¹	56	59	63	66	71	65	67	71	87	88

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

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

	Credit transfers					Direct debits				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1,227.1	1,316.5	1,384.5	1,494.3	1,588.1	560.8	605.4	645.7	682.6	704.1
Belgium	897.6	925.6	953.3	1,005.5	1,025.3	240.0	247.9	260.3	246.0	264.5
Brazil	5,954.1	6,651.6	7,157.9	7,716.4	8,439.4	nav	nav	4,264.7	3,584.0	4,156.2
Canada	859.3	899.8	944.1	997.6	1,043.7	585.8	616.5	630.8	651.1	673.8
China	687.3	740.3	818.2	1,022.0	1,172.6	nav	nav	nav	nav	nav
France	2,614.1	2,697.3	2,789.5	2,989.7	2,977.5	2,909.8	3,023.6	3,265.5	3,411.2	3,533.3
Germany	5,595.5	5,681.8	5,829.5	5,871.2	6,090.1	7,677.2	7,914.3	8,198.0	8,697.1	8,661.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	97.5	133.9	198.2	299.4	403.2	127.1	160.1	149.3	156.7	164.7
Italy	1,094.7	1,062.9	1,210.0	1,227.2	1,261.7	508.8	554.1	575.8	593.2	600.7
Japan	1,398.0	1,401.8	1,414.5	1,418.1	nav	nav	nav	nav	nav	nav
Korea	2,043.3	2,311.5	2,428.0	2,655.5	2,909.8	1,428.1	1,374.7	1,338.1	1,420.0	1,492.6
Mexico	621.2	711.8	762.9	836.2	936.5	38.4	41.3	42.1	45.9	52.2
Netherlands	1,483.7	1,544.2	1,497.1	1,640.3	1,686.3	1,176.9	1,225.5	1,272.1	1,310.2	1,340.4
Russia	1,835.0	2,052.7	2,010.9	2,630.0	2,683.6	80.5	105.2	136.1	136.7	118.0
Saudi Arabia	2.2	3.0	3.4	4.0	4.8	1.0	1.7	1.8	1.5	1.2
Singapore	26.7	30.1	31.7	34.6	37.6	54.0	51.5	52.6	57.3	55.0
South Africa	nav	nav	438.0	528.7	567.2	nav	nav	531.7	563.2	628.0
Sweden	646.3	704.2	728.1	767.7	830.5	207.8	227.6	241.0	272.0	289.0
Switzerland	648.1	677.5	702.9	736.3	753.1	43.3	43.6	44.4	45.2	46.0
Turkey	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
United Kingdom	3,120.5	3,185.1	3,274.6	3,396.3	3,601.5	2,963.5	3,076.9	3,149.2	3,229.3	3,322.4
United States	6,454.6	6,959.6	7,323.5	7,622.0	7,914.5	10,351.7	11,215.2	11,389.8	11,533.6	11,795.9
CPSS¹	37,306.7	39,691.0	41,900.8	44,892.8	45,927.2	28,954.6	30,485.1	36,189.1	36,636.9	37,899.4

Table 7 (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	418.1	371.0	333.0	291.1	256.4	nap	nap	nap	nap	nap
Belgium	10.6	8.8	7.9	7.2	6.5	89.8	81.2	70.5	60.6	50.5
Brazil	1,999.0	1,963.2	1,802.7	1,675.0	1,587.8	19.8	18.4	23.7	35.4	37.4
Canada	1,069.5	1,012.4	943.7	915.5	870.9	nav	nav	nav	nav	nav
China	977.7	882.3	875.5	896.5	846.7	nap	nap	nap	nap	nap
France	3,650.4	3,487.4	3,302.6	3,122.8	2,971.4	26.4	32.2	36.0	41.1	46.5
Germany	75.5	65.4	57.0	48.3	40.5	51.8	47.4	43.1	38.9	36.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1,460.6	1,397.4	1,379.1	1,387.4	1,341.9	nap	nap	nap	12.1	32.8
Italy	426.4	384.9	335.3	315.1	291.6	49.6	72.6	89.7	118.3	151.9
Japan	123.6	112.0	96.2	88.0	nav	809.6	1,116.1	1,509.6	2,000.4	2,342.0
Korea	1,186.1	1,104.0	931.4	752.0	612.9	147.7	132.7	135.4	159.1	113.1
Mexico	537.2	500.9	461.3	428.0	398.3	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	174.8	176.1	177.1	178.3	176.9
Russia	0.3	0.0	0.0	0.0	0.0	1.9	7.4	47.7	79.1	106.2
Saudi Arabia	7.1	7.1	7.1	7.1	7.1	nap	nap	nap	nap	nap
Singapore	85.8	83.5	79.1	78.3	76.8	1,662.6	1,869.5	2,047.8	2,195.4	2,888.2
South Africa	nav	nav	104.3	77.1	53.7	nav	nav	nav	nav	nav
Sweden	1.0	1.0	1.0	0.0	0.4	nav	nav	nav	nav	nav
Switzerland	1.3	1.0	0.7	0.4	0.3	17.7	17.3	15.8	15.3	10.6
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	1,600.0	1,403.0	1,282.0	1,113.0	970.0	nav	nav	nav	nav	nav
United States	27,955.4	26,054.2	24,464.9	22,838.6	21,276.9	nav	nav	nav	nav	nav
CPSS¹	41,585.5	38,839.5	36,464.8	34,041.3	31,610.0	3,051.8	3,570.8	4,196.3	4,934.0	5,992.1

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	2,848.2	3,158.6	3,466.0	3,832.4	4,270.3	1,505.0	1,740.7	1,985.3	2,259.4	2,606.7
Belgium	861.5	934.1	997.4	1,066.9	1,154.3	764.2	828.2	885.2	945.9	1,020.6
Brazil	3,891.6	4,658.1	5,126.2	6,322.5	7,553.4	1,700.1	2,097.2	2,309.4	2,929.0	3,607.0
Canada	5,812.0	6,281.6	6,552.4	6,846.1	7,227.2	3,451.8	3,705.0	3,881.0	3,971.0	4,143.0
China	1,741.1	2,645.3	3,491.2	4,849.4	6,413.0	nav	nav	nav	nav	nav
France ¹	6,144.7	6,542.5	6,923.3	7,391.6	7,911.0	nav	nav	nav	nav	nav
Germany	2,148.2	2,313.1	2,459.2	2,678.1	2,947.9	1,710.7	1,878.3	2,003.3	2,192.4	2,405.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	100.3	100.7	105.4	109.7
India	2,096.2	2,740.7	3,760.6	4,748.9	5,745.4	1,862.1	2,476.1	3,517.6	4,471.8	5,409.5
Italy	1,329.3	1,395.9	1,467.8	1,502.4	1,566.9	825.4	873.3	908.5	914.8	981.1
Japan	5,020.8	5,220.4	8,146.6	nav	nav	11.5	12.4	13.2	13.4	nav
Korea	3,830.0	4,724.6	5,784.4	7,093.6	8,354.4	512.7	743.9	1,050.1	1,417.5	1,899.1
Mexico	721.7	814.2	851.2	1,009.1	1,232.8	356.0	417.7	474.9	598.6	741.8
Netherlands	1,695.1	1,874.1	2,067.7	2,294.3	2,444.3	1,606.5	1,779.9	1,978.1	2,197.6	2,333.9
Russia	352.7	517.3	677.2	1,014.3	1,662.1	334.7	489.2	641.2	959.6	1,556.9
Saudi Arabia	755.9	992.2	1,066.5	1,226.1	1,445.1	755.9	992.2	1,066.5	1,226.1	1,445.1
Singapore	169.4	182.5	205.1	203.1	221.7	169.4	182.5	205.1	203.1	221.7
South Africa	nav	nav	884.3	1,017.9	1,130.6	nav	nav	nav	nav	nav
Sweden	1,338.0	1,634.0	1,697.0	1,845.0	1,951.0	1,148.0	1,395.0	1,337.0	1,448.0	1,607.0
Switzerland	438.8	484.8	523.6	561.5	611.4	309.1	343.3	371.8	393.5	421.0
Turkey	1,444.1	1,712.8	1,910.5	2,179.0	2,490.9	73.9	106.8	153.9	220.2	308.4
United Kingdom	7,200.0	7,595.0	8,185.0	8,807.0	9,901.0	5,085.0	5,446.0	6,017.0	6,604.0	7,612.0
United States	53,859.4	58,116.3	60,871.5	65,228.0	73,285.9	30,247.8	34,215.7	38,518.9	43,780.4	49,006.1
CPSS²	103,698.7	114,538.0	127,114.7	131,717.0	149,520.7	52,429.8	59,823.7	67,418.8	76,851.6	87,435.7

Table 7 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	1,343.1	1,418.0	1,480.8	1,573.0	1,663.6
Belgium	97.3	105.9	112.2	121.0	133.7	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	2,191.5	2,560.8	2,816.8	3,393.5	3,946.5
Canada ³	nav	nav	nav	nav	nav	2,360.2	2,576.6	2,671.4	2,875.1	3,084.2
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France ¹	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	395.0	395.0	415.4	447.9	501.2	42.5	39.8	40.5	37.8	41.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	321.3	338.1	363.9	391.5
India	nav	0.5	6.5	10.1	13.8	234.1	264.1	236.5	267.1	322.2
Italy ⁵	nav	nav	nav	nav	nav	503.9	522.6	559.2	587.7	585.8
Japan	nav	nav	nav	nav	nav	5,009.3	5,208.0	8,133.4	nav	nav
Korea	nav	nav	nav	nav	nav	3,317.3	3,980.6	4,734.4	5,676.0	6,455.3
Mexico	nav	nav	nav	nav	nav	365.8	396.5	376.3	410.5	491.0
Netherlands ⁴	88.5	94.2	89.6	96.7	110.4	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	18.0	28.1	36.0	54.7	105.2
Saudi Arabia	nav	nav	nav	nav	nav	29.2	29.4	31.1	34.7	40.5
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	68.0	92.0	59.0	46.0	42.0	122.0	147.0	301.0	351.0	302.0
Switzerland ⁶	nav	nav	nav	nav	nav	129.8	141.5	151.8	168.0	190.3
Turkey	nav	nav	nav	nav	nav	1,370.2	1,605.9	1,756.5	1,958.7	2,182.5
United Kingdom	178.0	179.0	166.0	170.0	166.0	1,806.0	1,791.0	1,819.0	1,857.0	1,926.0
United States	nav	nav	nav	nav	nav	23,611.6	23,900.6	22,352.6	21,447.6	24,279.8
CPSS²	826.9	866.6	848.7	891.7	967.1	42,454.5	44,931.8	47,835.3	41,056.4	46,008.0

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

¹ A breakdown by types of function is not available. ² Sum or average excluding those countries for which data are not available. ³ For cards with a credit function, includes charge cards. ⁴ For cards with a delayed debit function, includes cards with a credit function. ⁵ For cards with a delayed debit function, includes cards with a credit function. ⁶ For cards with a credit function, includes cards with a delayed debit function.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	24.3	24.1	23.8	23.7	23.3	11.1	11.1	11.1	10.8	10.3
Belgium	42.8	42.1	41.6	42.1	41.0	11.4	11.3	11.4	10.3	10.6
Brazil	50.2	50.0	39.0	39.9	38.8	nav	nav	23.2	18.5	19.1
Canada	10.3	10.2	10.4	10.6	10.6	7.0	7.0	7.0	6.9	6.9
China	20.2	17.3	15.8	15.1	13.9	nav	nav	nav	nav	nav
France	17.0	17.1	17.1	17.6	17.1	19.0	19.2	20.0	20.1	20.3
Germany	36.0	35.5	35.1	33.9	34.3	49.4	49.4	49.4	50.2	48.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2.6	3.0	3.6	4.5	5.2	3.4	3.6	2.7	2.4	2.1
Italy	32.1	30.6	32.9	32.7	32.6	14.9	16.0	15.7	15.8	15.5
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	23.7	24.0	22.9	22.0	21.6	16.5	14.2	12.6	11.8	11.1
Mexico	32.4	34.4	36.0	36.1	35.7	2.0	2.0	2.0	2.0	2.0
Netherlands	32.7	32.0	29.9	30.2	29.9	26.0	25.4	25.4	24.2	23.7
Russia	80.8	76.5	70.0	68.1	58.7	3.5	3.9	4.7	3.5	2.6
Saudi Arabia	0.3	0.3	0.3	0.3	0.3	0.1	0.2	0.2	0.1	0.1
Singapore	1.3	1.4	1.3	1.3	1.1	2.7	2.3	2.2	2.2	1.7
South Africa	nav	nav	22.4	24.2	23.8	nav	nav	27.2	25.8	26.4
Sweden	29.5	27.4	27.3	26.6	27.0	9.5	8.9	9.0	9.4	9.4
Switzerland	56.4	55.3	54.6	54.2	53.0	3.8	3.6	3.5	3.3	3.2
Turkey	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
United Kingdom	21.0	20.9	20.6	20.5	20.2	19.9	20.2	19.8	19.5	18.7
United States	6.5	6.8	7.0	7.1	6.9	10.5	11.0	10.9	10.8	10.3
CPSS¹	17.4	17.5	17.0	17.8	17.0	13.5	13.4	14.7	14.5	14.0

Table 7a (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	8.3	6.8	5.7	4.6	3.8	nav	nav	nav	nav	nav
Belgium	0.5	0.4	0.3	0.3	0.3	4.3	3.7	3.1	2.5	2.0
Brazil	16.8	14.8	9.8	8.7	7.3	0.2	0.1	0.1	0.2	0.2
Canada	12.8	11.5	10.4	9.7	8.9	nav	nav	nav	nav	nav
China	28.7	20.7	16.9	13.2	10.0	nav	nav	nav	nav	nav
France	23.8	22.1	20.2	18.4	17.0	0.2	0.2	0.2	0.2	0.3
Germany	0.5	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	38.6	31.5	25.1	21.0	17.5	nav	nav	nav	0.2	0.4
Italy	12.5	11.1	9.1	8.4	7.5	1.5	2.1	2.4	3.1	3.9
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	13.7	11.4	8.8	6.2	4.5	1.7	1.4	1.3	1.3	0.8
Mexico	28.0	24.2	21.8	18.5	15.2	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	3.9	3.7	3.5	3.3	3.1
Russia	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.7	2.0	2.3
Saudi Arabia	0.9	0.7	0.7	0.6	0.5	nav	nav	nav	nav	nav
Singapore	4.3	3.8	3.3	3.0	2.3	83.2	84.3	84.7	85.5	88.1
South Africa	nav	nav	5.3	3.5	2.3	nav	nav	nav	nav	nav
Sweden	0.0	0.0	0.0	0.0	0.0	nav	nav	nav	nav	nav
Switzerland	0.1	0.1	0.1	0.0	0.0	1.5	1.4	1.2	1.1	0.7
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	10.7	9.2	8.1	6.7	5.5	nav	nav	nav	nav	nav
United States	28.3	25.5	23.5	21.3	18.6	nav	nav	nav	nav	nav
CPSS¹	19.4	17.1	14.8	13.5	11.7	1.4	1.6	1.7	2.0	2.2

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	56.4	57.9	59.5	60.8	62.6	29.8	31.9	34.1	35.9	38.2
Belgium	41.0	42.5	43.6	44.7	46.2	36.4	37.7	38.7	39.6	40.8
Brazil	32.8	35.0	27.9	32.7	34.7	14.3	15.8	12.6	15.1	16.6
Canada	69.8	71.3	72.2	72.8	73.6	41.5	42.1	42.8	42.2	42.2
China	51.1	62.0	67.3	71.7	76.1	nav	nav	nav	nav	nav
France	40.0	41.5	42.4	43.6	45.4	nav	nav	nav	nav	nav
Germany	13.8	14.4	14.8	15.5	16.6	11.0	11.7	12.1	12.6	13.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	55.4	61.8	68.5	71.9	74.7	49.2	55.9	64.1	67.7	70.4
Italy	39.0	40.2	39.9	40.0	40.5	24.2	25.2	24.7	24.4	25.3
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	44.4	49.0	54.5	58.7	62.0	5.9	7.7	9.9	11.7	14.1
Mexico	37.6	39.4	40.2	43.5	47.1	18.6	20.2	22.4	25.8	28.3
Netherlands	37.4	38.9	41.2	42.3	43.3	35.5	36.9	39.5	40.5	41.3
Russia	15.5	19.3	23.6	26.3	36.4	14.7	18.2	22.3	24.9	34.1
Saudi Arabia	98.7	98.8	98.9	99.0	99.1	98.7	98.8	98.9	99.0	99.1
Singapore	8.5	8.2	8.5	7.9	6.8	8.5	8.2	8.5	7.9	6.8
South Africa	nav	nav	45.2	46.5	47.5	nav	nav	nav	nav	nav
Sweden	61.0	63.7	63.6	64.0	63.5	52.3	54.3	50.1	50.2	52.3
Switzerland	38.2	39.6	40.7	41.3	43.0	26.9	28.0	28.9	29.0	29.6
Turkey	100.0	100.0	100.0	100.0	100.0	5.1	6.2	8.1	10.1	12.4
United Kingdom	48.4	49.8	51.5	53.2	55.6	34.2	35.7	37.9	39.9	42.8
United States	54.6	56.8	58.5	60.8	64.1	30.7	33.4	37.0	40.8	42.9
CPSS¹	48.3	50.4	51.7	52.2	55.2	24.4	26.3	27.4	30.5	32.3

Table 7a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	26.6	26.0	25.4	25.0	24.4
Belgium	4.6	4.8	4.9	5.1	5.3	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	18.5	19.3	15.3	17.6	18.1
Canada	nav	nav	nav	nav	nav	28.3	29.2	29.4	30.6	31.4
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	2.5	2.5	2.5	2.6	2.8	0.3	0.2	0.2	0.2	0.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	0.0	0.1	0.2	0.2	6.2	6.0	4.3	4.0	4.2
Italy	nav	nav	nav	nav	nav	14.8	15.1	15.2	15.6	15.1
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	38.4	41.3	44.6	47.0	47.9
Mexico	nav	nav	nav	nav	nav	19.1	19.2	17.8	17.7	18.7
Netherlands	2.0	2.0	1.8	1.8	2.0	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.8	1.0	1.3	1.4	2.3
Saudi Arabia	nav	nav	nav	nav	nav	3.8	2.9	2.9	2.8	2.8
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.1	3.6	2.2	1.6	1.4	5.6	5.7	11.3	12.2	9.8
Switzerland	nav	nav	nav	nav	nav	11.3	11.6	11.8	12.4	13.4
Turkey	nav	nav	nav	nav	nav	94.9	93.8	91.9	89.9	87.6
United Kingdom	1.2	1.2	1.0	1.0	0.9	12.1	11.7	11.4	11.2	10.8
United States	nav	nav	nav	nav	nav	23.9	23.4	21.5	20.0	21.2
CPSS¹	0.4	0.4	0.3	0.4	0.4	19.8	19.8	19.5	16.3	17.0

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	7.7	7.3	5.2	7.9	6.3	9.1	8.0	6.6	5.7	3.2
Belgium	6.8	3.1	3.0	5.5	2.0	3.7	3.3	5.0	-5.5	7.5
Brazil	12.3	11.7	7.6	7.8	9.4	nav	nav	nav	-16.0	16.0
Canada	10.1	4.7	4.9	5.7	4.6	6.2	5.2	2.3	3.2	3.5
China	9.2	7.7	10.5	24.9	14.7	nav	nav	nav	nav	nav
France	-0.1	3.2	3.4	7.2	-0.4	6.3	3.9	8.0	4.5	3.6
Germany	-23.0	1.5	2.6	0.7	3.7	4.3	3.1	3.6	6.1	-0.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	25.5	37.3	48.0	51.1	34.7	69.0	26.0	-6.7	5.0	5.1
Italy	2.7	-2.9	13.8	1.4	2.8	6.0	8.9	3.9	3.0	1.3
Japan	2.7	0.3	0.9	0.3	nav	nav	nav	nav	nav	nav
Korea	13.7	13.1	5.0	9.4	9.6	9.0	-3.7	-2.7	6.1	5.1
Mexico	11.9	14.6	7.2	9.6	12.0	26.8	7.6	1.9	9.1	13.6
Netherlands	3.6	4.1	-3.0	9.6	2.8	3.3	4.1	3.8	3.0	2.3
Russia	36.4	11.9	-2.0	30.8	2.0	85.8	30.7	29.4	0.4	-13.7
Saudi Arabia	19.6	37.2	14.0	16.1	21.7	104.3	71.2	7.3	-18.5	-20.4
Singapore	10.9	12.4	5.4	9.0	8.9	0.5	-4.5	2.1	8.9	-3.9
South Africa	nav	nav	nav	20.7	7.3	nav	nav	nav	5.9	11.5
Sweden	-13.1	9.0	3.4	5.4	8.2	5.5	9.5	5.9	12.9	6.3
Switzerland	4.8	4.5	3.8	4.7	2.3	-13.0	0.7	1.9	1.8	1.7
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	2.0	2.1	2.8	3.7	6.0	3.7	3.8	2.3	2.5	2.9
United States	8.2	7.8	5.2	4.1	3.8	19.2	8.3	1.6	1.3	2.3
CPSS¹	1.9	6.4	4.5	7.1	5.6	10.0	5.3	3.0	1.2	3.4

Table 7b (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	-7.1	-11.3	-10.2	-12.6	-11.9	nav	nav	nav	nav	nav
Belgium	-21.0	-16.7	-10.0	-9.3	-9.8	-6.5	-9.6	-13.2	-14.0	-16.7
Brazil	-9.6	-1.8	-8.2	-7.1	-5.2	34.6	-7.0	28.7	49.2	5.7
Canada	-3.2	-5.3	-6.8	-3.0	-4.9	nav	nav	nav	nav	nav
China	-17.8	-9.8	-0.8	2.4	-5.6	nav	nav	nav	nav	nav
France	-4.6	-4.5	-5.3	-5.4	-4.8	31.8	21.7	12.0	14.0	13.2
Germany	-30.7	-13.3	-12.8	-15.3	-16.1	22.6	-8.5	-9.2	-9.6	-7.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	6.8	-4.3	-1.3	0.6	-3.3	nav	nav	nav	nav	170.2
Italy	-6.0	-9.7	-12.9	-6.0	-7.5	46.3	46.4	23.6	31.8	28.4
Japan	-7.9	-9.4	-14.1	-8.5	nav	nav	37.9	35.3	32.5	17.1
Korea	2.9	-6.9	-15.6	-19.3	-18.5	-15.6	-10.2	2.0	17.5	-28.9
Mexico	-2.6	-6.8	-7.9	-7.2	-6.9	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	6.4	0.7	0.5	0.7	-0.8
Russia	-57.9	-87.5	-69.7	-30.0	-57.1	-57.1	298.5	547.3	65.7	34.2
Saudi Arabia	0.0	0.0	0.0	0.0	0.0	nav	nav	nav	nav	nav
Singapore	1.9	-2.7	-5.2	-1.1	-1.9	-1.7	12.4	9.5	7.2	31.6
South Africa	nav	nav	nav	-26.0	-30.4	nav	nav	nav	nav	nav
Sweden	0.0	0.0	0.0	-100.0	nav	nav	nav	nav	nav	nav
Switzerland	-16.0	-17.5	-31.7	-42.3	-19.5	-5.9	-2.5	-8.5	-3.2	-30.6
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	-10.0	-12.3	-8.6	-13.2	-12.8	nav	nav	nav	nav	nav
United States	-8.4	-6.8	-6.1	-6.6	-6.8	nav	nav	nav	nav	nav
CPSS¹	-7.5	-6.6	-6.4	-6.6	-6.9	-0.8	17.0	17.5	17.3	21.4

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7b (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	9.4	10.9	9.7	10.6	11.4	12.5	15.7	14.1	13.8	15.4
Belgium	8.0	8.4	6.8	7.0	8.2	7.6	8.4	6.9	6.9	7.9
Brazil	19.2	19.7	10.1	23.3	19.5	19.1	23.4	10.1	26.8	23.1
Canada	6.5	8.1	4.3	4.5	5.6	4.8	7.3	4.8	2.3	4.3
China	63.9	51.9	32.0	38.9	32.2	nav	nav	nav	nav	nav
France	9.4	6.5	5.8	6.8	7.0	nav	nav	nav	nav	nav
Germany	-11.8	7.7	6.3	8.9	10.1	-15.6	9.8	6.7	9.4	9.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	0.4	4.6	4.1
India	40.3	30.7	37.2	26.3	21.0	41.2	33.0	42.1	27.1	21.0
Italy	7.5	5.0	5.1	2.4	4.3	7.1	5.8	4.0	0.7	7.3
Japan	10.1	4.0	56.1	nav	nav	5.5	7.8	6.5	1.7	nav
Korea	16.0	23.4	22.4	22.6	17.8	54.7	45.1	41.2	35.0	34.0
Mexico	23.7	12.8	4.5	18.5	22.2	28.8	17.3	13.7	26.0	23.9
Netherlands	9.4	10.6	10.3	11.0	6.5	9.6	10.8	11.1	11.1	6.2
Russia	56.9	46.7	30.9	49.8	63.9	55.3	46.2	31.1	49.6	62.2
Saudi Arabia	6.5	31.3	7.5	15.0	17.9	6.5	31.3	7.5	15.0	17.9
Singapore	9.7	7.7	12.4	-0.9	9.2	9.7	7.7	12.4	-0.9	9.2
South Africa	nav	nav	nav	15.1	11.1	nav	nav	nav	nav	nav
Sweden	12.3	22.1	3.9	8.7	5.7	15.5	21.5	-4.2	8.3	11.0
Switzerland	8.2	10.5	8.0	7.2	8.9	5.8	11.1	8.3	5.8	7.0
Turkey	9.0	18.6	11.5	14.1	14.3	47.6	44.7	44.1	43.1	40.0
United Kingdom	7.0	5.5	7.8	7.6	12.4	9.3	7.1	10.5	9.8	15.3
United States	11.3	7.9	4.7	7.2	12.4	16.2	13.1	12.6	13.7	11.9
CPSS¹	11.4	10.5	10.2	10.7	13.5	13.8	13.9	12.7	14.0	13.8

Table 7b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	6.2	5.6	4.4	6.2	5.8
Belgium	11.8	8.8	5.9	7.8	10.5	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	19.3	16.9	10.0	20.5	16.3
Canada	nav	nav	nav	nav	nav	9.1	9.2	3.7	7.6	7.3
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	-3.4	0.0	5.2	7.8	11.9	nav	-6.4	1.8	-6.5	10.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	5.2	7.6	7.6
India	nav	nav	1,200.0	55.8	35.8	33.5	12.8	-10.5	12.9	20.6
Italy	nav	nav	nav	nav	nav	8.2	3.7	7.0	5.1	-0.3
Japan	nav	nav	nav	nav	nav	10.2	4.0	56.2	nav	nav
Korea	nav	nav	nav	nav	nav	11.7	20.0	18.9	19.9	13.7
Mexico	nav	nav	nav	nav	nav	19.1	8.4	-5.1	9.1	19.6
Netherlands	nav	6.5	-4.9	7.9	14.2	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	91.7	55.8	27.9	52.1	92.4
Saudi Arabia	nav	nav	nav	nav	nav	26.4	0.7	5.8	11.7	16.6
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	7.9	35.3	-35.9	-22.0	-8.7	-9.0	20.5	104.8	16.6	-14.0
Switzerland	nav	nav	nav	nav	nav	14.6	9.1	7.3	10.7	13.3
Turkey	nav	nav	nav	nav	nav	7.5	17.2	9.4	11.5	11.4
United Kingdom	-1.1	0.6	-7.3	2.4	-2.4	1.0	-0.8	1.6	2.1	3.7
United States	nav	nav	nav	nav	nav	5.6	1.2	-6.5	-4.0	nav
CPSS¹	-0.1	4.7	-2.1	5.1	8.5	7.6	5.1	6.5	3.4	12.1

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	58.3	61.4	63.5	67.6	71.0	26.6	28.2	29.6	30.9	31.5
Belgium	84.5	86.4	88.3	91.8	93.4	22.6	23.2	24.1	22.5	24.1
Brazil	31.7	35.1	37.4	39.9	43.3	nav	nav	22.3	18.5	21.3
Canada	26.1	27.0	28.0	29.3	30.3	17.8	18.5	18.7	19.1	19.6
China	0.5	0.6	0.6	0.8	0.9	nav	nav	nav	nav	nav
France	41.1	42.2	43.4	46.1	45.7	45.8	47.3	50.8	52.6	54.2
Germany	68.0	69.2	71.2	71.8	74.5	93.3	96.4	100.1	106.4	105.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.1	0.1	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1
Italy	18.6	17.9	20.3	20.4	20.9	8.6	9.3	9.6	9.9	10.0
Japan	10.9	11.0	11.1	11.1	nav	nav	nav	nav	nav	nav
Korea	42.0	47.2	49.4	53.7	58.5	29.4	28.1	27.2	28.7	30.0
Mexico	5.9	6.7	7.1	7.7	8.6	0.4	0.4	0.4	0.4	0.5
Netherlands	90.4	93.7	90.3	98.5	100.8	71.7	74.3	76.7	78.7	80.1
Russia	12.9	14.5	14.1	18.4	18.8	0.6	0.7	1.0	1.0	0.8
Saudi Arabia	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0
Singapore	5.8	6.2	6.4	6.8	7.3	11.8	10.6	10.5	11.3	10.6
South Africa	nav	nav	8.8	10.5	11.2	nav	nav	10.7	11.2	12.4
Sweden	70.6	76.1	77.9	81.5	87.8	22.7	24.6	25.8	28.9	30.6
Switzerland	85.1	87.9	90.1	93.5	95.2	5.7	5.7	5.7	5.7	5.8
Turkey	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
United Kingdom	51.2	51.9	53.0	nav	nav	48.6	50.1	51.0	nav	nav
United States	21.4	22.9	23.9	24.6	25.4	34.4	36.9	37.1	37.3	37.9
CPSS¹	9.9	10.5	10.8	11.7	12.3	13.6	14.2	15.0	15.4	15.8

Table 7c (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	19.9	17.3	15.3	13.2	11.5	nap	nap	nap	nap	nap
Belgium	1.0	0.8	0.7	0.7	0.6	8.5	7.6	6.5	5.5	4.6
Brazil	10.7	10.4	9.4	8.7	8.1	0.1	0.1	0.1	0.2	0.2
Canada	32.5	30.4	28.0	26.9	25.3	nav	nav	nav	nav	nav
China	0.7	0.7	0.7	0.7	0.6	nap	nap	nap	nap	nap
France	57.4	54.5	51.4	48.2	45.6	0.4	0.5	0.6	0.6	0.7
Germany	0.9	0.8	0.7	0.6	0.5	0.6	0.6	0.5	0.5	0.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1.3	1.2	1.2	1.2	1.1	nap	nap	nap	0.0	0.0
Italy	7.2	6.5	5.6	5.2	4.8	0.8	1.2	1.5	2.0	2.5
Japan	1.0	0.9	0.8	0.7	nav	6.3	8.7	11.8	15.6	18.3
Korea	24.4	22.6	18.9	15.2	12.3	3.0	2.7	2.8	3.2	2.3
Mexico	5.1	4.7	4.3	4.0	3.7	nav	nav	nav	nav	nav
Netherlands	nap	nap	nap	nap	nap	10.7	10.7	10.7	10.7	10.6
Russia	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.7
Saudi Arabia	0.3	0.3	0.3	0.3	0.2	nap	nap	nap	nap	nap
Singapore	18.7	17.2	15.9	15.4	14.8	362.3	386.3	410.5	432.4	557.1
South Africa	nav	nav	2.1	1.5	1.1	nap	nap	nap	nap	nap
Sweden	0.1	0.1	0.1	0.0	0.0	nap	nap	nap	nap	nap
Switzerland	0.2	0.1	0.1	0.1	0.0	2.3	2.2	2.0	1.9	1.3
Turkey	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
United Kingdom	26.2	22.9	20.7	nav	nav	nav	nav	nav	nav	nav
United States	92.8	85.7	79.7	73.8	68.3	nav	nav	nav	nav	nav
CPSS¹	11.1	10.3	9.5	8.9	8.5	4.1	4.7	5.5	2.5	3.0

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	135.2	147.3	158.9	173.4	190.9	71.5	81.2	91.0	102.2	116.5
Belgium	81.1	87.2	92.4	97.4	105.2	71.9	77.3	82.0	86.4	93.0
Brazil	20.7	24.6	26.8	32.7	38.7	9.1	11.1	12.1	15.2	18.5
Canada	176.8	188.8	194.6	200.9	209.9	105.0	111.4	115.3	116.5	120.3
China	1.3	2.0	2.6	3.6	4.8	nav	nav	nav	nav	nav
France	96.6	102.3	107.7	114.0	121.4	nav	nav	nav	nav	nav
Germany	26.1	28.2	30.0	32.8	36.0	20.8	22.9	24.5	26.8	29.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	14.4	14.4	14.9	15.4
India	1.8	2.4	3.2	4.0	4.8	1.6	2.1	3.0	3.8	4.5
Italy	22.6	23.5	24.6	25.0	26.0	14.0	14.7	15.2	15.2	16.3
Japan	39.3	40.9	63.9	nav	nav	0.1	0.1	0.1	0.1	nav
Korea	78.8	96.5	117.6	143.6	167.8	10.6	15.2	21.4	28.7	38.2
Mexico	6.9	7.7	7.9	9.3	11.3	3.4	3.9	4.4	5.5	6.8
Netherlands	103.3	113.7	124.7	137.7	146.1	97.9	108.0	119.3	131.9	139.5
Russia	2.5	3.6	4.8	7.1	11.6	2.4	3.4	4.5	6.7	10.9
Saudi Arabia	30.3	38.5	40.0	44.5	50.9	30.3	38.5	40.0	44.5	50.9
Singapore	36.9	37.7	41.1	40.0	42.8	36.9	37.7	41.1	40.0	42.8
South Africa	nav	nav	17.8	20.3	22.3	nav	nav	nav	nav	nav
Sweden	146.2	176.5	181.7	195.9	206.3	125.5	150.7	143.1	153.8	169.9
Switzerland	57.6	62.9	67.1	71.3	77.3	40.6	44.5	47.7	49.9	53.2
Turkey	20.5	23.9	26.3	29.6	33.3	1.0	1.5	2.1	3.0	4.1
United Kingdom	118.1	123.7	132.5	nav	nav	83.4	88.7	97.4	nav	nav
United States	178.8	191.1	198.4	210.9	235.2	100.4	112.5	125.6	141.5	157.3
CPSS¹	27.1	29.6	32.2	34.8	39.1	21.4	24.1	26.9	31.1	36.9

Table 7c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	63.8	66.1	67.9	71.2	74.4
Belgium	9.2	9.9	10.4	11.0	12.2	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	11.7	13.5	14.7	17.6	20.2
Canada	nav	nav	nav	nav	nav	71.8	77.5	79.3	84.4	89.6
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	4.8	4.8	5.1	5.5	6.1	0.5	0.5	0.5	0.5	0.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	46.1	48.3	51.6	55.1
India	nav	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3
Italy	nav	nav	nav	nav	nav	8.6	8.8	9.4	9.8	9.7
Japan	nav	nav	nav	nav	nav	39.2	40.8	63.8	nav	nav
Korea	nav	nav	nav	nav	nav	68.3	81.3	96.3	114.9	129.7
Mexico	nav	nav	nav	nav	nav	3.5	3.7	3.5	3.8	4.5
Netherlands	5.4	5.7	5.4	5.8	6.6	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.1	0.2	0.3	0.4	0.7
Saudi Arabia	nav	nav	nav	nav	nav	1.2	1.1	1.2	1.3	1.4
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	7.4	9.9	6.3	4.9	4.4	13.3	15.9	32.2	37.3	31.9
Switzerland	nav	nav	nav	nav	nav	17.0	18.4	19.5	21.3	24.1
Turkey	nav	nav	nav	nav	nav	19.4	22.5	24.2	26.6	29.2
United Kingdom	2.9	2.9	2.7	nav	nav	29.6	29.2	29.4	nav	nav
United States	nav	nav	nav	nav	nav	78.4	78.6	72.9	69.3	77.9
CPSS¹	4.6	0.6	0.6	0.7	0.7	17.5	18.3	19.3	17.8	19.7

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	11,308	11,928	10,765	12,346	15,074	13.0	0.6	-5.6	-3.1	4.8
Belgium	5,830	6,599	5,702	5,081	5,657	16.0	1.3	-9.1	-8.4	2.4
Brazil	8,562	11,456	13,308	16,685	19,546	15.7	19.2	20.8	4.5	4.7
Canada	5,070	5,209	4,559	5,303	5,867	5.0	-0.5	-6.5	3.1	3.3
China	64,474	73,381	80,125	97,144	121,994	14.1	-0.2	9.7	16.4	13.7
France	30,604	34,198	33,594	33,205	39,522	1.5	1.3	3.2	2.1	10.7
Germany	95,316	103,721	88,128	83,077	94,529	88.4	-0.9	-10.8	-2.0	5.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	15,298	17,211	15,688	17,549	18,476	62.1	12.9	-3.0	-5.6	-1.7
Italy	13,120	14,364	13,057	13,012	13,968	10.1	-1.1	-5.1	3.1	-0.7
Japan	27,263	30,480	30,507	nav	nav	5.2	-3.1	-8.3	nav	nav
Korea	15,487	15,141	14,192	17,221	19,257	14.5	10.8	5.6	6.7	3.0
Mexico	7,646	9,786	14,766	17,522	20,674	-3.5	24.1	73.8	6.6	12.2
Netherlands	8,609	9,118	8,254	8,142	9,555	1.5	-3.1	-5.7	2.8	9.0
Russia	18,631	21,019	12,014	12,611	15,131	24.1	-3.4	-32.9	-7.5	9.3
Saudi Arabia	9,242	9,888	16,640	15,168	14,941	127.4	-2.7	60.2	-13.5	-6.2
Singapore	600	631	586	709	811	26.3	-7.4	-5.0	10.3	0.2
South Africa	nav	nav	17,006	16,948	2,509	nav	nav	nav	nav	nav
Sweden	1,647	1,826	1,548	1,778	2,147	11.1	4.6	-3.5	6.3	7.3
Switzerland	3,414	3,992	3,793	3,952	5,035	5.0	3.1	-4.4	-0.6	8.1
Turkey	100	131	122	148	166	19.9	18.0	4.4	10.8	13.1
United Kingdom	214,907	155,432	109,899	104,249	112,254	11.7	-23.9	-18.7	-7.1	-0.8
United States	74,975	73,701	70,796	71,053	71,634	nav	nav	nav	nav	nav
CPSS³	632,101	609,211	565,051	552,903	608,746	25.3	-7.5	-10.7	0.9	6.4

Table 8 (cont)

	Average value per transaction (USD) ¹					Average value per inhabitant (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	2,148	2,096	1,767	1,874	2,115	537	556	493	559	674
Belgium	2,777	3,003	2,491	2,129	2,262	549	616	528	464	516
Brazil	722	862	724	863	898	46	60	70	86	100
Canada	609	591	503	563	598	154	157	135	156	170
China	18,929	17,194	15,453	14,354	14,468	49	55	60	73	91
France	1,980	2,152	2,046	1,947	2,253	481	535	522	512	606
Germany	6,130	6,474	5,313	4,793	5,318	1,159	1,263	1,076	1,016	1,156
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	4,046	3,883	2,859	2,657	2,403	13	15	13	15	15
Italy	3,489	3,764	3,308	3,250	3,358	223	242	219	217	232
Japan	3,708	3,883	2,732	nav	nav	213	239	239	nav	nav
Korea	1,793	1,569	1,337	1,425	1,428	319	309	289	349	387
Mexico	3,985	4,732	6,973	7,555	7,891	73	92	138	162	190
Netherlands	1,900	1,892	1,646	1,501	1,692	525	553	498	489	571
Russia	6,082	5,854	3,223	2,610	2,680	131	148	84	88	106
Saudi Arabia	11,394	9,047	14,193	11,098	9,244	371	383	624	550	527
Singapore	300	284	243	276	247	131	130	118	140	156
South Africa	nav	nav	8,684	7,750	1,055	nav	nav	343	338	50
Sweden	751	711	580	616	699	180	197	166	189	227
Switzerland	2,971	3,261	2,946	2,909	3,543	448	518	486	502	636
Turkey	69	76	64	68	67	1	2	2	2	2
United Kingdom	14,439	10,186	6,916	6,301	6,308	3,524	2,532	1,779	nav	nav
United States	760	720	680	663	627	249	242	231	230	230
CPSS³	2,925	2,662	2,283	2,208	2,250	165	158	143	146	159

Table 8 (cont)

	Value as a ratio to GDP					Value as a ratio to deposits held by non-banks ⁴				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	11.9	11.4	10.8	9.9	10.1	10.5	12.4	8.1	7.8	8.9
Belgium	12.7	13.0	12.0	10.8	11.0	30.9	37.1	28.8	26.6	30.4
Brazil	6.3	6.9	8.2	7.8	7.9	99.1	198.3	155.3	167.4	228.0
Canada	3.6	3.5	3.4	3.4	3.4	13.0	14.7	9.4	9.6	10.1
China	18.5	16.0	16.3	16.8	16.7	nav	nav	nav	nav	nav
France	11.9	12.1	12.8	13.0	14.2	40.6	48.5	42.4	43.2	50.6
Germany	28.7	28.7	26.7	25.2	26.2	75.6	80.3	54.7	52.2	57.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	12.7	13.4	11.8	10.5	9.7	17.0	19.3	15.8	12.5	15.0
Italy	6.2	6.2	6.2	6.3	6.4	13.3	14.2	11.0	11.9	14.2
Japan	6.3	6.3	6.1	nav	nav	8.2	8.1	7.4	nav	nav
Korea	14.8	16.3	17.0	17.0	17.2	187.1	248.8	192.1	220.0	227.3
Mexico	7.4	8.9	16.7	16.9	17.9	nav	nav	126.0	140.2	152.8
Netherlands	11.0	10.5	10.4	10.5	11.4	24.5	26.1	20.6	19.3	22.7
Russia	14.3	12.6	9.8	8.5	8.1	42.7	53.9	27.1	23.1	24.1
Saudi Arabia	24.0	20.8	44.2	33.3	25.0	nav	nav	nav	nav	nav
Singapore	3.4	3.3	3.2	3.1	3.1	2.7	2.5	2.0	2.0	2.1
South Africa	nav	nav	59.8	46.6	6.1	nav	nav	55.1	49.0	8.2
Sweden	3.6	3.8	3.8	3.8	4.0	5.5	7.0	4.8	4.9	5.2
Switzerland	7.6	7.6	7.4	7.2	7.6	23.7	18.0	12.5	11.1	8.8
Turkey	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2
United Kingdom	76.0	58.8	50.2	46.0	46.3	23.3	18.6	27.0	26.2	25.3
United States	5.3	5.2	5.1	4.9	4.8	87.7	74.1	66.8	63.2	47.4
CPSS³	14.2	12.7	12.3	12.4	12.2	25.5	24.5	24.3	27.4	27.6

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 Sum or average excluding those countries for which data are not available. Data for France (prior to 2005) and the United Kingdom include interbank transactions in credit transfers. Since the value of these transactions is relatively large, cross-country comparison and the CPSS figures should be treated with caution. ⁴ For Italy, as a ratio to deposits held only at banks.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	5,428	5,855	5,244	5,703	7,104	3,969	4,281	3,903	4,818	5,994
Belgium	5,593	6,351	5,475	4,874	5,409	80	93	88	73	93
Brazil	7,297	9,884	9,310	11,749	14,012	nav	nav	2,549	3,120	3,491
Canada	1,160	1,300	1,253	1,533	1,794	416	465	441	521	588
China	31,977	36,069	39,572	53,578	72,125	nav	nav	nav	nav	nav
France	25,152	28,451	28,532	28,317	34,122	1,397	1,542	1,487	1,492	1,842
Germany	80,120	86,890	73,439	67,197	75,211	14,426	16,049	14,055	15,306	18,706
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	11,919	14,162	13,328	15,053	15,990	12	15	14	16	18
Italy	9,763	10,883	10,276	10,502	11,228	455	505	501	483	496
Japan ²	23,704	26,639	26,212	29,577	nav	nav	nav	nav	nav	nav
Korea	7,757	7,533	7,374	9,260	11,175	142	127	107	128	145
Mexico	6,512	8,689	13,893	16,666	19,790	11	13	10	14	20
Netherlands	8,128	8,550	7,746	7,636	9,007	370	440	386	382	413
Russia	18,154	20,327	11,752	12,340	14,770	259	266	70	44	49
Saudi Arabia	499	750	772	769	924	0.1	0.1	0.1	0.1	0.1
Singapore	88	108	109	132	157	35	42	41	49	58
South Africa	nav	nav	1,600	1,924	2,144	nav	nav	91	106	139
Sweden	1,484	1,640	1,389	1,600	1,941	63	70	61	70	84
Switzerland	3,298	3,856	3,658	3,804	4,854	51	59	57	64	81
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	209,080	150,213	105,863	100,394	108,231	1,768	1,716	1,383	1,464	1,675
United States	19,809	21,170	21,170	23,065	25,033	14,440	14,769	14,641	15,336	16,034
CPSS³	nav	nav	nav	nav	nav	37,894	40,454	39,885	43,487	49,927

Table 9 (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1,551	1,379	1,198	1,305	1,332	nav	nav	nav	nav	nav
Belgium	86	74	60	54	65	0.541	0.517	0.437	0.349	0.322
Brazil	1,125	1,390	1,255	1,530	1,663	0.374	0.495	0.558	0.963	1.255
Canada	3,102	3,011	2,462	2,780	2,966	nav	nav	nav	nav	nav
China	32,091	36,735	39,549	42,026	46,602	nav	nav	nav	nav	nav
France	2,975	3,028	2,552	2,419	2,485	0.073	0.099	0.112	0.121	0.141
Germany	573	560	417	350	351	0.216	0.222	0.202	0.185	0.174
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	3,244	2,872	2,151	2,216	2,130	nav	nav	nav	0.386	1.334
Italy	1,597	1,599	1,271	1,118	1,103	4.624	6.702	7.233	9.820	13.507
Japan ²	3,933	4,186	3,993	4,286	nav	4.935	8.135	13.514	20.227	26.052
Korea	7,195	7,095	6,362	7,403	7,420	1.106	1.012	1.082	2.116	1.866
Mexico	1,081	1,037	819	790	798	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.651	0.704	0.663	0.624	0.629
Russia	2	0	0	0	0	0.063	0.396	1.076	2.396	6.757
Saudi Arabia	159	190	175	193	211	nav	nav	nav	nav	nav
Singapore	449	446	402	486	544	1.143	1.349	1.325	1.448	1.747
South Africa	nav	nav	281	228	163	nav	nav	nav	nav	nav
Sweden	9	10	5	4	5	nav	nav	nav	nav	nav
Switzerland	2	2	2	2	2	0.067	0.065	0.064	0.067	0.056
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	3,300	2,755	1,996	1,689	1,543	nav	nav	nav	nav	nav
United States	37,438	34,272	31,599	28,955	26,469	nav	nav	nav	nav	nav
CPSS³	99,913	100,640	96,549	97,835	95,853	13.791	19.697	26.268	38.705	53.841

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

¹ Converted at yearly average exchange rates, except as noted. ² For credit transfers and e-money payment transactions, total transactions during the fiscal year ending March of the following year, converted at average fiscal year exchange rates. ³ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures related to credit transfers have not been calculated.

Table 9 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	237.3	268.4	269.2	334.8	409.0	77.5	92.1	98.1	124.7	159.7
Belgium	66.7	77.0	76.1	77.7	88.0	52.7	60.8	60.8	61.9	70.0
Brazil	140.0	181.5	193.7	285.2	378.4	42.7	57.3	61.0	89.9	123.7
Canada	392.2	432.8	403.0	468.0	519.4	145.9	158.1	150.1	170.5	184.7
China	406.3	576.9	1,004.9	1,540.6	3,267.5	nav	nav	nav	nav	nav
France	425.0	485.5	472.3	480.5	547.3	nav	nav	nav	nav	nav
Germany	196.3	221.2	216.8	223.7	260.9	142.4	163.0	161.1	165.8	193.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	123.2	161.4	195.0	264.1	336.1	108.3	145.5	180.6	247.6	312.7
Italy	176.4	170.8	163.3	158.7	170.5	104.8	91.5	87.1	83.6	93.2
Japan	335.8	417.7	481.7	nav	nav	6.5	7.5	7.9	7.3	nav
Korea	362.2	357.6	329.9	401.2	476.0	20.4	24.4	28.6	44.8	62.7
Mexico	42.0	47.8	43.1	53.0	65.6	16.3	18.9	17.9	23.1	28.9
Netherlands	110.2	127.5	121.9	123.7	133.8	96.8	111.6	108.4	110.4	118.3
Russia	25.6	46.9	39.7	61.8	115.1	23.4	43.4	36.5	57.1	106.8
Saudi Arabia	92.8	114.8	124.7	144.1	180.6	92.8	114.8	124.7	144.1	180.6
Singapore	26.7	32.6	33.3	40.7	49.4	11.7	14.5	15.4	18.0	21.4
South Africa	nav	nav	43.4	55.7	63.1	nav	nav	nav	nav	nav
Sweden	90.7	105.2	93.0	104.8	117.8	70.6	81.7	71.9	77.6	88.4
Switzerland	63.3	74.5	75.5	81.9	98.9	41.6	49.2	50.8	54.7	65.9
Turkey	100.2	131.0	121.7	148.0	166.2	1.8	2.7	3.2	5.2	7.2
United Kingdom	758.6	748.0	657.8	702.7	804.6	464.1	465.1	432.1	471.5	558.9
United States	3,287.8	3,490.6	3,385.9	3,695.8	4,097.1	1,182.9	1,342.2	1,447.3	1,648.8	1,846.8
CPSS¹	7,459.4	8,269.7	8,545.9	9,446.5	12,345.1	2,703.2	3,044.3	3,143.4	3,606.8	4,223.4

Table 9 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	159.8	176.3	171.2	210.1	249.3
Belgium	14.0	16.2	15.4	15.8	18.0	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	97.3	124.2	132.8	195.3	254.7
Canada ²	nav	nav	nav	nav	nav	246.3	274.7	252.9	297.5	334.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France ³	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	49.4	53.8	51.6	54.1	62.9	4.5	4.4	4.1	3.7	4.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	38.9	39.0	45.6	52.5
India	nav	0.1	1.1	1.6	2.4	14.9	15.8	13.3	14.9	21.1
Italy ⁴	nav	nav	nav	nav	nav	71.6	79.3	76.2	75.1	77.3
Japan	nav	nav	nav	nav	nav	329.3	410.2	473.8	nav	nav
Korea	nav	nav	nav	nav	nav	341.9	333.3	301.3	356.4	413.3
Mexico	nav	nav	nav	nav	nav	25.7	28.9	25.2	29.9	36.7
Netherlands	13.4	15.9	13.5	13.2	15.5	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	2.2	3.5	3.1	4.7	8.2
Saudi Arabia	nav	nav	nav	nav	nav	nav	3.6	3.8	4.6	5.8
Singapore ²	nav	nav	nav	nav	nav	15.0	18.1	17.9	22.7	28.0
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	4.9	5.5	4.6	4.6	5.2	15.2	18.1	16.5	22.6	24.2
Switzerland ⁴	nav	nav	nav	nav	nav	21.6	25.2	24.7	27.2	32.9
Turkey	nav	nav	nav	nav	nav	98.4	128.3	118.5	142.8	159.0
United Kingdom	67.5	73.4	57.5	58.5	57.3	226.9	209.4	168.2	172.7	188.4
United States	nav	nav	nav	nav	nav	2,104.9	2,148.5	1,938.6	2,047.0	2,250.3
CPSS¹	149.2	164.8	143.7	147.8	161.3	3,775.5	4,040.7	3,781.0	3,672.8	4,140.9

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

¹ Sum or average excluding those countries for which data are not available. ² For cards with a credit function, includes charge cards. ³ A breakdown by types of function is not available. ⁴ For cards with a credit function, includes cards with a delayed debit function.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	48.5	49.7	49.4	46.9	47.9	35.5	36.3	36.8	39.6	40.4
Belgium	96.0	96.3	96.1	96.0	95.7	1.4	1.4	1.5	1.4	1.6
Brazil	85.2	86.3	70.0	70.4	71.7	nav	nav	19.2	18.7	17.9
Canada	22.9	25.0	27.5	28.9	30.6	8.2	8.9	9.7	9.8	10.0
China	49.6	49.2	49.4	55.2	59.1	nav	nav	nav	nav	nav
France	84.0	84.9	86.3	86.6	87.5	4.7	4.6	4.5	4.6	4.7
Germany	84.1	83.8	83.3	80.9	79.6	15.1	15.5	15.9	18.4	19.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	77.9	82.3	85.0	85.8	86.5	0.1	0.1	0.1	0.1	0.1
Italy	81.4	82.7	84.1	85.6	86.3	3.8	3.8	4.1	3.9	3.8
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	50.2	49.8	52.0	53.9	58.1	0.9	0.8	0.8	0.7	0.8
Mexico	85.2	88.8	94.1	95.1	95.7	0.1	0.1	0.1	0.1	0.1
Netherlands	94.4	93.8	93.8	93.8	94.3	4.3	4.8	4.7	4.7	4.3
Russia	98.4	98.5	99.1	99.1	98.9	1.4	1.3	0.6	0.4	0.3
Saudi Arabia	66.5	71.1	72.0	69.5	70.2	0.0	0.0	0.0	0.0	0.0
Singapore	14.7	17.1	18.6	18.5	19.4	5.9	6.7	7.0	7.0	7.2
South Africa	nav	nav	79.4	83.1	85.4	nav	nav	4.5	4.6	5.6
Sweden	90.1	89.8	89.7	90.0	90.4	3.8	3.8	3.9	3.9	3.9
Switzerland	96.6	96.6	96.4	96.3	96.4	1.5	1.5	1.5	1.6	1.6
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	97.3	96.6	96.3	96.3	96.4	0.8	1.1	1.3	1.4	1.5
United States	26.4	28.7	29.9	32.5	34.9	19.3	20.0	20.7	21.6	22.4
CPSS¹	nav	nav	nav	nav	nav	26.1	27.1	27.5	28.8	31.6

Table 9a (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	13.9	11.7	11.3	10.7	9.0	nav	nav	nav	nav	nav
Belgium	1.5	1.1	1.1	1.1	1.1	0.01	0.01	0.01	0.01	0.01
Brazil	13.1	12.1	9.4	9.2	8.5	0.00	0.00	0.00	0.01	0.01
Canada	61.2	57.8	54.0	52.4	50.5	nav	nav	nav	nav	nav
China	49.8	50.1	49.4	43.3	38.2	nav	nav	nav	nav	nav
France	9.9	9.0	7.7	7.4	6.4	0.00	0.00	0.00	0.00	0.00
Germany	0.6	0.5	0.5	0.4	0.4	0.00	0.00	0.00	0.00	0.00
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	21.2	16.7	13.7	12.6	11.5	nav	nav	nav	0.00	0.01
Italy	13.3	12.1	10.4	9.1	8.5	0.04	0.05	0.06	0.08	0.10
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	46.5	46.9	44.9	43.1	38.6	0.01	0.01	0.01	0.01	0.01
Mexico	14.1	10.6	5.5	4.5	3.9	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.01	0.01	0.01	0.01	0.01
Russia	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.01	0.02	0.05
Saudi Arabia	21.2	18.0	16.3	17.5	16.0	nav	nav	nav	nav	nav
Singapore	74.8	70.8	68.6	68.6	67.1	0.19	0.21	0.23	0.20	0.22
South Africa	nav	nav	13.9	9.9	6.5	nav	nav	nav	nav	nav
Sweden	0.5	0.6	0.4	0.2	0.2	nav	nav	nav	nav	nav
Switzerland	0.1	0.1	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	1.5	1.8	1.8	1.6	1.4	nav	nav	nav	nav	nav
United States	49.9	46.5	44.6	40.8	37.0	nav	nav	nav	nav	nav
CPSS¹	68.8	67.4	66.6	64.9	60.6	0.01	0.01	0.02	0.03	0.03

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated. The CPSS figures calculated ignore credit transfer data throughout.

Table 9a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	2.1	2.3	2.5	2.8	2.8	0.69	0.78	0.92	1.03	1.08
Belgium	1.1	1.2	1.3	1.5	1.6	0.90	0.92	1.07	1.22	1.24
Brazil	1.6	1.6	1.5	1.7	1.9	0.50	0.50	0.46	0.54	0.63
Canada	7.7	8.3	8.8	8.8	8.9	2.88	3.04	3.29	3.22	3.15
China	0.6	0.8	1.3	1.6	2.7	nav	nav	nav	nav	nav
France	1.4	1.4	1.4	1.5	1.4	nav	nav	nav	nav	nav
Germany	0.2	0.2	0.2	0.3	0.3	0.15	0.16	0.18	0.20	0.20
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.8	0.9	1.2	1.5	1.8	0.71	0.85	1.15	1.41	1.69
Italy	1.5	1.3	1.3	1.3	1.3	0.87	0.70	0.71	0.68	0.72
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	2.3	2.4	2.3	2.3	2.5	0.13	0.16	0.20	0.26	0.33
Mexico	0.5	0.5	0.3	0.3	0.3	0.21	0.19	0.12	0.13	0.14
Netherlands	1.3	1.4	1.5	1.5	1.4	1.12	1.22	1.31	1.36	1.24
Russia	0.1	0.2	0.3	0.5	0.8	0.13	0.21	0.31	0.46	0.71
Saudi Arabia	12.4	10.9	11.6	13.0	13.7	12.36	10.88	11.64	13.03	13.73
Singapore	4.4	5.2	5.7	5.7	6.1	1.94	2.30	2.62	2.54	2.63
South Africa	nav	nav	2.2	2.4	2.5	nav	nav	nav	nav	nav
Sweden	5.5	5.8	6.0	5.9	5.5	4.29	4.47	4.65	4.36	4.12
Switzerland	1.9	1.9	2.0	2.1	2.0	1.22	1.23	1.34	1.38	1.31
Turkey	100.0	100.0	100.0	100.0	100.0	1.80	2.03	2.62	3.51	4.32
United Kingdom	0.4	0.5	0.6	0.7	0.7	0.22	0.30	0.39	0.45	0.50
United States	4.4	4.7	4.8	5.2	5.7	1.58	1.82	2.04	2.32	2.58
CPSS¹	5.1	5.5	5.9	6.3	7.8	1.86	2.04	2.17	2.39	2.67

Table 9a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	1.4	1.5	1.6	1.7	1.7
Belgium	0.2	0.2	0.3	0.3	0.3	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	1.1	1.1	1.0	1.2	1.3
Canada	nav	nav	nav	nav	nav	4.9	5.3	5.5	5.6	5.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Italy	nav	nav	nav	nav	nav	0.6	0.6	0.6	0.6	0.6
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	2.2	2.2	2.1	2.1	2.2
Mexico	nav	nav	nav	nav	nav	0.3	0.3	0.2	0.2	0.2
Netherlands	0.2	0.2	0.2	0.2	0.2	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.0	0.0	0.0	0.0	0.1
Saudi Arabia	nav	nav	nav	nav	nav	nav	0.3	0.4	0.4	0.4
Singapore	nav	nav	nav	nav	nav	2.5	2.9	3.1	3.2	3.5
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.3	0.3	0.3	0.3	0.2	0.9	1.0	1.1	1.3	1.1
Switzerland	nav	nav	nav	nav	nav	0.6	0.6	0.7	0.7	0.7
Turkey	nav	nav	nav	nav	nav	98.2	98.0	97.4	96.5	95.7
United Kingdom	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
United States	nav	nav	nav	nav	nav	2.8	2.9	2.7	2.9	3.1
CPSS¹	0.1	0.1	0.1	0.1	0.1	2.6	2.7	2.6	2.4	2.6

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

¹ Sum or average excluding those countries for which data are not available. The CPSS figures calculated ignore credit transfer data throughout.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	14.3	2.9	-6.4	-8.2	6.9	14.6	2.9	-4.7	4.3	6.8
Belgium	16.5	1.7	-9.3	-8.5	2.1	6.2	4.4	-0.9	-14.3	16.7
Brazil	18.3	20.6	-2.0	5.2	6.6	nav	nav	nav	2.0	0.0
Canada	11.9	8.6	3.0	8.4	9.2	11.4	8.5	1.2	4.7	5.4
China	30.9	-1.1	10.2	30.0	21.9	nav	nav	nav	nav	nav
France	2.1	2.6	5.4	2.6	12.1	2.4	0.1	1.3	3.7	14.8
Germany	80.5	-1.3	-11.3	-4.9	3.9	181.2	1.3	-8.1	13.2	13.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	89.5	19.2	0.1	-4.7	-0.8	83.5	30.6	-0.5	-5.8	4.0
Italy	13.6	0.7	-1.4	5.7	-1.1	9.1	0.3	3.4	-0.3	-5.0
Japan	6.7	-2.5	-7.8	4.9	nav	nav	nav	nav	nav	nav
Korea	16.6	10.1	10.2	10.4	11.2	15.5	1.1	-5.3	5.9	4.2
Mexico	-4.2	29.4	84.2	7.7	12.9	25.8	10.1	-6.6	17.4	42.3
Netherlands	1.3	-3.7	-5.6	2.7	9.5	4.7	8.7	-8.5	3.0	0.5
Russia	25.1	-4.1	-32.1	-7.5	9.1	124.2	-12.1	-69.0	-44.9	1.9
Saudi Arabia	10.6	36.7	-2.0	-5.5	14.5	99.0	12.9	4.5	1.8	2.5
Singapore	20.0	8.4	2.9	10.2	4.8	18.1	5.4	-1.4	10.2	3.7
South Africa	nav	nav	nav	0.9	4.0	nav	nav	nav	-2.4	22.4
Sweden	11.3	4.2	-3.6	6.6	7.9	7.8	5.0	-1.0	6.6	6.3
Switzerland	5.6	3.1	-4.5	-0.8	8.3	-23.2	2.8	-3.0	6.8	7.0
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	12.1	-24.4	-18.9	-7.2	-0.6	2.2	2.2	-7.3	3.6	5.5
United States	9.3	3.1	0.5	7.5	5.6	6.0	-1.4	-0.4	3.3	1.7
CPSS²	nap	nap	nap	nap	nap	46.4	2.5	-8.6	6.4	10.9

Table 9b (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	5.6	-15.2	-9.1	-8.1	-12.4	nav	nav	nav	nav	nav
Belgium	3.6	-23.6	-14.1	-7.8	10.1	-12.6	-14.4	-11.1	-17.9	-15.1
Brazil	0.8	10.0	-6.1	1.5	-2.8	26.4	18.0	17.3	43.8	16.5
Canada	1.5	-6.0	-12.6	0.1	-0.4	nav	nav	nav	nav	nav
China	0.9	0.4	8.2	2.0	0.4	nav	nav	nav	nav	nav
France	-3.1	-7.7	-11.4	-2.0	-4.4	31.3	24.2	18.6	11.1	8.6
Germany	-32.0	-11.1	-21.9	-12.6	-6.9	48.5	-6.4	-4.8	-4.5	-12.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	6.1	-11.2	-20.3	-13.1	-10.2	nav	nav	nav	nav	222.7
Italy	-4.6	-9.5	-17.0	-9.0	-8.8	46.9	31.0	12.7	40.4	27.2
Japan	-3.1	-7.8	-12.6	1.4	nav	nav	43.0	55.7	39.1	19.1
Korea	12.4	11.8	1.0	2.3	-7.6	19.2	3.7	20.5	72.0	-18.7
Mexico	-0.2	-7.0	-9.0	-13.4	-3.9	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	6.4	-0.9	-1.9	-1.9	-6.4
Russia	-41.3	-88.5	-56.9	-43.9	-77.0	-7.4	438.4	219.3	96.1	156.9
Saudi Arabia	14.0	8.8	-12.5	4.8	4.1	nav	nav	nav	nav	nav
Singapore	28.9	-12.4	-8.0	10.3	-1.9	10.8	4.0	0.4	-0.4	5.8
South Africa	nav	nav	nav	-31.9	-33.5	nav	nav	nav	nav	nav
Sweden	8.2	12.2	-40.3	-38.1	11.3	nav	nav	nav	nav	nav
Switzerland	-16.2	-11.0	-17.5	-17.9	-17.0	13.5	-14.6	0.5	-0.7	-28.7
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	-4.4	-12.1	-16.7	-17.1	-15.8	nav	nav	nav	nav	nav
United States	-12.2	-11.7	-7.3	-9.6	-11.1	nav	nav	nav	nav	nav
CPSS²	-0.7	-3.3	-5.0	-1.2	-1.0	36.2	37.1	32.4	42.3	34.4

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. ² Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9b (cont)

	Card payments (except e-money)					of which by cards with a: debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	8.4	7.9	4.9	5.0	4.9	10.5	13.4	11.3	7.4	9.9
Belgium	6.6	3.4	4.0	4.8	4.2	6.0	3.3	5.0	4.7	4.0
Brazil	19.1	15.5	11.0	22.7	18.6	18.9	19.6	10.7	23.0	22.9
Canada	8.0	6.9	-0.6	2.9	3.6	3.3	5.0	1.4	0.7	1.1
China	51.1	24.5	75.0	47.2	92.1	nav	nav	nav	nav	nav
France	8.1	3.6	2.2	5.1	5.9	nav	nav	nav	nav	nav
Germany	-14.0	2.6	2.8	7.2	8.3	-17.9	4.2	3.7	7.0	8.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	40.8	31.5	28.5	14.2	18.8	41.9	34.8	32.0	15.6	17.9
Italy	5.6	-12.5	-0.2	0.6	-0.7	5.2	-21.1	-0.7	-0.7	3.0
Japan	11.2	7.8	5.7	nav	nav	-2.3	-0.8	-2.9	-12.6	nav
Korea	12.7	11.9	3.9	7.0	9.3	48.5	35.5	32.2	37.8	28.9
Mexico	17.0	10.4	3.7	10.6	17.7	19.5	12.7	8.7	16.3	18.8
Netherlands	6.1	5.9	-0.4	5.7	0.5	6.4	5.5	1.1	6.2	-0.5
Russia	46.9	56.7	-0.8	37.2	69.7	51.5	58.7	-1.3	37.7	70.4
Saudi Arabia	7.8	12.5	3.4	9.6	19.4	7.8	12.5	3.4	9.6	19.4
Singapore	18.6	7.7	4.3	11.5	6.3	18.0	9.4	8.6	6.7	4.0
South Africa	nav	nav	nav	7.6	5.7	nav	nav	nav	nav	nav
Sweden	10.8	9.4	0.6	4.2	0.0	8.6	9.1	0.3	-0.3	1.3
Switzerland	7.5	3.8	2.0	3.5	2.5	4.9	4.2	3.9	2.6	2.3
Turkey	19.9	18.0	4.4	10.8	13.1	42.5	33.6	34.5	48.6	39.1
United Kingdom	7.8	3.8	1.2	4.6	5.5	10.4	5.5	6.9	6.8	9.3
United States	8.0	2.4	-2.5	7.6	7.8	12.7	9.4	8.4	12.3	9.0
CPSS¹	13.9	6.4	2.1	14.3	26.3	14.4	8.1	2.5	11.9	13.4

Table 9b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	7.5	5.2	1.5	3.6	1.9
Belgium	8.8	3.5	-0.1	5.5	4.6	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	19.2	13.7	11.2	22.6	16.6
Canada	nav	nav	nav	nav	nav	11.1	8.0	-1.7	4.2	5.0
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	-10.2	-1.0	0.8	8.9	8.0	nav	-10.8	-3.5	-5.2	11.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	-0.9	14.7	9.3
India	nav	nav	974.7	21.5	38.3	32.9	6.5	-10.4	-5.8	32.3
Italy	nav	nav	nav	nav	nav	6.2	0.0	0.3	2.0	-4.8
Japan	nav	nav	nav	nav	nav	11.5	7.9	5.9	nav	nav
Korea	nav	nav	nav	nav	nav	11.1	10.5	1.8	4.0	6.9
Mexico	nav	nav	nav	nav	nav	15.6	8.9	0.4	6.5	16.8
Netherlands	nav	8.9	-11.3	1.8	8.7	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	10.5	35.9	5.4	31.1	61.3
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	1.1	16.0	19.2
Singapore	nav	nav	nav	nav	nav	19.0	6.3	0.8	15.6	8.2
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	8.2	5.6	-4.6	-7.5	1.6	23.5	11.8	3.9	26.9	-5.0
Switzerland	nav	nav	nav	nav	nav	12.5	2.9	-1.6	5.3	2.7
Turkey	nav	nav	nav	nav	nav	19.6	17.7	3.8	9.8	12.2
United Kingdom	9.0	14.5	-9.9	-0.4	-9.7	2.7	-2.8	-7.6	0.5	0.5
United States	nav	nav	nav	nav	nav	5.6	-1.6	-9.3	4.1	6.9
CPSS¹	9.5	6.0	-13.4	0.3	5.5	9.7	1.7	-7.1	8.3	8.9

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	4,423	4,447	3,788	3,817	4,473	7,078	7,071	6,044	7,058	8,513
Belgium	6,231	6,862	5,744	4,847	5,276	332	375	337	297	351
Brazil	1,226	1,486	1,301	1,523	1,660	nav	nav	598	871	840
Canada	1,350	1,445	1,328	1,537	1,719	710	755	699	800	873
China	46,528	48,724	48,364	52,422	61,507	nav	nav	nav	nav	nav
France	9,622	10,548	10,228	9,472	11,460	480	510	455	438	521
Germany	14,319	15,293	12,598	11,445	12,350	1,879	2,028	1,714	1,760	2,160
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	122,246	105,769	67,245	50,275	39,655	93	96	97	103	109
Italy	8,918	10,239	8,493	8,558	8,899	895	912	869	814	825
Japan ²	16,956	19,004	18,531	20,857	nav	nav	nav	nav	nav	nav
Korea	3,797	3,259	3,037	3,487	3,840	100	92	80	90	97
Mexico	10,482	12,207	18,211	19,931	21,131	294	311	247	296	390
Netherlands	5,478	5,537	5,174	4,655	5,341	314	359	304	292	308
Russia	9,893	9,902	5,844	4,692	5,504	3,220	2,531	516	322	417
Saudi Arabia	228,305	249,952	225,572	193,445	191,014	71	52	53	70	94
Singapore	3,287	3,597	3,433	3,805	4,176	655	821	776	861	1,060
South Africa	nav	nav	3,652	3,640	3,781	nav	nav	172	189	222
Sweden	2,297	2,329	1,907	2,084	2,337	302	307	252	257	289
Switzerland	5,088	5,692	5,204	5,167	6,445	1,179	1,365	1,291	1,419	1,760
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	67,002	47,161	32,328	29,560	30,052	597	558	439	453	504
United States	3,069	3,042	2,891	3,026	3,163	1,395	1,317	1,285	1,330	1,359
CPSS³	nap	nap	nap	nap	nap	1,309	1,327	1,102	1,187	1,317

Table 9c (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	3,710	3,716	3,599	4,482	5,194	nav	nav	nav	nav	nav
Belgium	8,164	8,366	7,590	7,509	9,969	6.0	6.4	6.2	5.8	6.4
Brazil	563	708	696	913	1,048	18.9	26.9	23.6	27.2	33.6
Canada	2,900	2,974	2,609	3,037	3,406	nav	nav	nav	nav	nav
China	32,821	41,636	45,170	46,877	55,042	nav	nav	nav	nav	nav
France	815	868	773	775	836	2.7	3.1	3.1	2.9	3.0
Germany	7,594	8,559	7,306	7,258	8,675	4.2	4.7	4.7	4.8	4.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,221	2,055	1,560	1,597	1,588	nav	nav	nav	31.8	40.7
Italy	3,746	4,153	3,790	3,549	3,782	93.3	92.4	80.6	83.0	88.9
Japan ²	31,824	37,371	41,509	48,706	nav	6.1	7.3	9.0	10.1	11.1
Korea	6,067	6,427	6,831	9,845	12,106	7.5	7.6	8.0	13.3	16.5
Mexico	2,012	2,070	1,775	1,845	2,004	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	3.7	4.0	3.7	3.5	3.6
Russia	8,564	9,182	11,117	10,121	5,955	34.0	53.6	22.5	30.3	63.6
Saudi Arabia	22,480	26,894	24,712	27,303	29,832	nav	nav	nav	nav	nav
Singapore	5,227	5,347	5,079	6,209	7,088	0.7	0.7	0.6	0.7	0.6
South Africa	nav	nav	2,697	2,964	3,033	nav	nav	nav	nav	nav
Sweden	8,804	10,474	5,494	nav	11,511	nav	nav	nav	nav	nav
Switzerland	1,786	2,184	2,621	3,907	4,750	3.8	3.7	4.1	4.4	5.3
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	2,062	1,964	1,557	1,518	1,591	nav	nav	nav	nav	nav
United States	1,339	1,315	1,292	1,268	1,244	nav	nav	nav	nav	nav
CPSS³	2,403	2,591	2,648	2,874	3,032	4.5	5.5	6.3	7.8	9.0

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

¹ Converted at yearly average exchange rates, except as noted. ² For credit transfers and e-money payment transactions, total for the fiscal year ending March of the following year, converted at average fiscal year exchange rates. ³ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	83.3	85.0	77.7	87.4	95.8	51.5	52.9	49.4	55.2	61.3
Belgium	77.5	82.5	76.3	72.8	76.2	69.0	73.5	68.6	65.5	68.6
Brazil	36.0	39.0	37.8	45.1	50.1	25.1	27.3	26.4	30.7	34.3
Canada	67.5	68.9	61.5	68.4	71.9	42.3	42.7	38.7	42.9	44.6
China	233.4	218.1	287.8	317.7	509.5	nav	nav	nav	nav	nav
France	69.2	74.2	68.2	65.0	69.2	nav	nav	nav	nav	nav
Germany	91.4	95.6	88.2	83.5	88.5	83.2	86.8	80.4	75.6	80.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	58.8	58.9	51.9	55.6	58.5	58.2	58.8	51.3	55.4	57.8
Italy	132.7	122.4	111.2	105.6	108.8	127.0	104.8	95.8	91.4	95.0
Japan	66.9	80.0	59.1	nav	nav	566.7	601.7	598.9	545.1	nav
Korea	94.6	75.7	57.0	56.6	57.0	39.7	32.7	27.2	31.6	33.0
Mexico	58.2	58.8	50.6	52.6	53.2	45.8	45.3	37.6	38.7	39.0
Netherlands	65.0	68.0	58.9	53.9	54.7	60.3	62.7	54.8	50.2	50.7
Russia	72.7	90.7	58.6	60.9	69.2	70.0	88.8	57.0	59.5	68.6
Saudi Arabia	122.8	115.7	116.9	117.5	125.0	122.8	115.7	116.9	117.5	125.0
Singapore	157.4	178.7	162.3	200.4	222.6	68.8	79.3	75.0	88.6	96.3
South Africa	nav	nav	49.1	54.7	55.8	nav	nav	nav	nav	nav
Sweden	67.8	64.4	54.8	56.8	60.4	61.5	58.5	53.8	53.6	55.0
Switzerland	144.2	153.6	144.2	145.8	161.7	134.7	143.4	136.7	138.9	156.6
Turkey	69.4	76.5	63.7	67.9	66.7	24.4	24.9	20.7	23.6	23.3
United Kingdom	105.4	98.5	80.4	79.8	81.3	91.3	85.4	71.8	71.4	73.4
United States	61.0	60.1	55.6	56.7	55.9	39.1	39.2	37.6	37.7	37.7
CPSS¹	71.9	72.2	67.2	71.7	82.6	51.6	50.9	46.6	46.9	48.3

Table 9c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	119.0	124.3	115.6	133.6	149.9
Belgium	143.9	153.0	137.1	130.5	134.4	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	44.4	48.5	47.1	57.5	64.5
Canada	nav	nav	nav	nav	nav	104.3	106.6	94.7	103.5	108.5
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	125.2	136.1	124.3	120.8	125.6	106.8	111.7	101.0	98.5	107.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	121.1	115.2	125.4	134.0
India	nav	221.1	171.8	158.8	173.2	63.6	59.8	56.2	55.6	65.4
Italy	nav	nav	nav	nav	nav	142.2	151.7	136.2	127.8	132.0
Japan	nav	nav	nav	nav	nav	65.7	78.8	58.3	nav	nav
Korea	nav	nav	nav	nav	nav	103.1	83.7	63.6	62.8	64.0
Mexico	nav	nav	nav	nav	nav	70.4	72.9	67.0	72.8	74.8
Netherlands	151.0	168.7	151.0	136.8	140.2	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	121.8	124.1	87.1	85.2	78.4
Saudi Arabia	nav	nav	nav	nav	nav	nav	121.7	122.3	133.8	143.7
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	71.8	59.4	77.6	99.6	124.7	124.9	122.9	54.8	64.4	80.1
Switzerland	nav	nav	nav	nav	nav	166.6	178.3	162.4	162.0	173.0
Turkey	nav	nav	nav	nav	nav	71.8	79.9	67.5	72.9	72.9
United Kingdom	379.2	409.9	346.2	344.0	345.3	125.6	116.9	92.5	93.0	97.8
United States	nav	nav	nav	nav	nav	89.1	89.9	86.7	95.4	92.7
CPSS¹	180.4	190.2	169.3	165.7	166.8	88.9	89.9	79.0	89.5	90.0

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	257,727	273,102	240,368	258,090	317,589	188,469	199,686	178,869	218,025	267,972
Belgium	526,542	593,153	507,446	445,085	492,971	7,509	8,690	8,127	6,682	8,461
Brazil	38,887	52,129	48,620	60,794	71,880	nav	nav	13,312	16,147	17,907
Canada	35,273	39,080	37,222	44,991	52,095	12,642	13,992	13,090	15,288	17,075
China	24,264	27,229	29,722	40,066	53,683	nav	nav	nav	nav	nav
France	395,468	444,810	443,695	436,823	523,546	21,961	24,113	23,129	23,024	28,270
Germany	973,952	1,058,084	896,969	821,909	919,680	175,359	195,439	171,664	187,209	228,738
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	10,474	12,273	11,391	12,692	13,303	10	13	12	14	15
Italy	165,805	183,413	171,980	174,885	186,117	7,733	8,512	8,376	8,037	8,218
Japan ²	185,522	208,621	205,570	230,971	nav	nav	nav	nav	nav	nav
Korea	159,625	153,895	149,924	187,404	224,482	2,924	2,590	2,168	2,598	2,916
Mexico	61,815	81,780	129,696	154,341	181,868	107	121	97	126	187
Netherlands	495,445	518,620	467,309	458,471	538,369	22,555	26,670	23,301	22,930	24,701
Russia	127,740	143,193	82,510	86,349	103,318	1,824	1,876	493	308	344
Saudi Arabia	20,010	29,079	28,944	27,883	32,553	3	3	4	4	4
Singapore	19,155	22,351	21,824	25,906	30,323	7,698	8,739	8,178	9,711	11,256
South Africa	nav	nav	32,232	38,382	42,353	nav	nav	1,839	2,119	2,752
Sweden	162,225	177,225	148,652	169,896	205,232	6,856	7,544	6,498	7,428	8,842
Switzerland	432,819	500,070	468,900	482,944	613,435	6,696	7,716	7,350	8,147	10,226
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	3,428,332	2,446,544	1,713,213	nav	nav	28,996	27,949	22,374	nav	nav
United States	65,760	69,615	69,007	74,561	80,340	47,937	48,566	47,727	49,576	51,459
CPSS³	nav	nav	nav	nav	nav	17,805	18,802	16,509	18,277	20,773

Table 9d (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	73,648	64,304	54,927	59,042	59,542	nav	nav	nav	nav	nav
Belgium	8,138	6,893	5,587	4,939	5,902	50.9	48.3	40.5	31.9	29.4
Brazil	5,995	7,330	6,555	7,915	8,533	2.0	2.6	2.9	5.0	6.4
Canada	94,341	90,510	73,117	81,597	86,118	nav	nav	nav	nav	nav
China	24,350	27,732	29,705	31,428	34,686	nav	nav	nav	nav	nav
France	46,783	47,333	39,679	37,315	38,135	1.1	1.6	1.7	1.9	2.2
Germany	6,968	6,818	5,088	4,285	4,295	2.6	2.7	2.5	2.3	2.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,851	2,489	1,838	1,868	1,772	nav	nav	nav	0.3	1.1
Italy	27,124	26,943	21,264	18,621	18,284	78.5	113.0	121.0	163.5	223.9
Japan ²	30,785	32,779	31,317	33,468	nav	38.6	63.7	106.0	158.0	203.8
Korea	148,062	144,954	129,352	149,834	149,055	22.8	20.7	22.0	42.8	37.5
Mexico	10,262	9,757	7,644	7,315	7,335	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	39.7	42.7	40.0	37.5	37.6
Russia	16	2	1	0	0	0.4	2.8	7.6	16.8	47.3
Saudi Arabia	6,375	7,377	6,556	7,006	7,436	nav	nav	nav	nav	nav
Singapore	97,740	92,221	80,583	95,763	104,981	249.0	278.8	265.7	285.2	337.1
South Africa	nav	nav	5,665	4,557	3,214	nav	nav	nav	nav	nav
Sweden	962	1,132	588	391	487	nav	nav	nav	nav	nav
Switzerland	295	294	239	203	198	8.7	8.4	8.3	8.5	7.1
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	54,105	44,871	32,300	nav	nav	nav	nav	nav	nav	nav
United States	124,283	112,702	103,006	93,601	84,948	nav	nav	nav	nav	nav
CPSS³	26,678	26,645	25,024	25,558	25,696	3.7	5.2	6.8	10.1	14.4

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

¹ Converted at yearly average exchange rates, except as noted. ² For credit transfers and e-money payment transactions, total for the fiscal year ending March of the following year, converted at average fiscal year exchange rates. ³ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9d (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	11,267	12,517	12,341	15,151	18,285	3,679	4,297	4,495	5,644	7,139
Belgium	6,282	7,195	7,057	7,096	8,021	4,963	5,682	5,631	5,653	6,383
Brazil	746	957	1,012	1,476	1,941	227	302	318	465	635
Canada	11,927	13,012	11,967	13,735	15,083	4,437	4,754	4,456	5,004	5,364
China	308	436	755	1,152	2,432	nav	nav	nav	nav	nav
France	6,683	7,590	7,345	7,412	8,397	nav	nav	nav	nav	nav
Germany	2,387	2,694	2,648	2,736	3,190	1,731	1,985	1,967	2,029	2,366
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	108	140	167	223	280	95	126	154	209	260
Italy	2,996	2,878	2,732	2,643	2,826	1,780	1,542	1,457	1,392	1,544
Japan	2,628	3,271	3,778	nav	nav	51	58	62	57	nav
Korea	7,454	7,306	6,707	8,120	9,562	419	498	582	907	1,260
Mexico	399	450	402	491	603	155	178	167	214	266
Netherlands	6,717	7,734	7,354	7,424	7,999	5,902	6,769	6,537	6,630	7,074
Russia	180	330	278	432	805	165	306	256	400	747
Saudi Arabia	3,723	4,451	4,676	5,227	6,364	3,723	4,451	4,676	5,227	6,364
Singapore	5,813	6,740	6,672	8,017	9,523	2,539	2,991	3,084	3,547	4,120
South Africa	nav	nav	875	1,111	1,246	nav	nav	nav	nav	nav
Sweden	9,913	11,366	9,957	11,127	12,457	7,713	8,824	7,702	8,238	9,347
Switzerland	8,303	9,659	9,676	10,394	12,495	5,466	6,386	6,515	6,940	8,333
Turkey	1,419	1,831	1,677	2,007	2,224	25	37	44	71	96
United Kingdom	12,438	12,182	10,646	nav	nav	7,611	7,576	6,993	nav	nav
United States	10,914	11,479	11,037	11,947	13,149	3,927	4,414	4,718	5,330	5,927
CPSS¹	1,947	2,140	2,165	2,492	3,230	1,103	1,229	1,256	1,462	1,788

Table 9d (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	7,588	8,221	7,846	9,507	11,146
Belgium	1,319	1,513	1,426	1,442	1,638	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	519	655	693	1,011	1,306
Canada	nav	nav	nav	nav	nav	7,490	8,258	7,511	8,731	9,719
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	601	655	631	662	770	55	54	50	46	55
Hong Kong SAR	nav	nav	nav	nav	nav	nav	5,589	5,568	6,473	7,375
India	nav	0	1	1	2	13	14	11	13	18
Italy	nav	nav	nav	nav	nav	1,217	1,336	1,275	1,251	1,281
Japan	nav	nav	nav	nav	nav	2,577	3,213	3,716	nav	nav
Korea	nav	nav	nav	nav	nav	7,034	6,808	6,126	7,213	8,303
Mexico	nav	nav	nav	nav	nav	244	272	235	277	338
Netherlands	815	964	816	794	925	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	15	25	22	33	58
Saudi Arabia	nav	nav	nav	nav	nav	nav	139	143	169	205
Singapore	nav	nav	nav	nav	nav	3,273	3,748	3,588	4,470	5,403
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	534	590	490	486	554	1,666	1,952	1,765	2,402	2,556
Switzerland	nav	nav	nav	nav	nav	2,837	3,273	3,160	3,454	4,162
Turkey	nav	nav	nav	nav	nav	1,393	1,794	1,633	1,936	2,128
United Kingdom	1,107	1,195	930	nav	nav	3,721	3,411	2,723	nav	nav
United States	nav	nav	nav	nav	nav	6,988	7,065	6,319	6,617	7,222
CPSS¹	831	124	106	113	122	1,574	1,645	1,523	1,585	1,768

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	570	557	525	458	474	416.9	407.6	390.5	386.8	399.7
Belgium	1,217	1,253	1,155	1,035	1,052	17.4	18.4	18.5	15.5	18.1
Brazil	534	599	573	548	566	nav	nav	156.9	145.6	141.1
Canada	81	86	94	97	103	29.2	30.9	32.9	33.0	33.8
China	916	786	806	925	988	nav	nav	nav	nav	nav
France	974	1,006	1,088	1,105	1,229	54.1	54.5	56.7	58.2	66.4
Germany	2,411	2,401	2,224	2,035	2,086	434.1	443.4	425.6	463.5	518.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	987	1,101	999	897	839	1.0	1.2	1.1	1.0	0.9
Italy	459	472	486	511	511	21.4	21.9	23.7	23.5	22.6
Japan	544	550	520	538	nav	nav	nav	nav	nav	nav
Korea	739	809	884	913	1,001	13.5	13.6	12.8	12.7	13.0
Mexico	628	794	1,572	1,609	1,715	1.1	1.2	1.2	1.3	1.8
Netherlands	1,039	983	971	980	1,076	47.3	50.6	48.4	49.0	49.4
Russia	1,396	1,222	959	829	794	19.9	16.0	5.7	3.0	2.6
Saudi Arabia	130	157	205	169	155	0.0	0.0	0.0	0.0	0.0
Singapore	50	57	59	58	61	19.9	22.3	22.2	21.7	22.5
South Africa	nav	nav	563	529	525	nav	nav	32.1	29.2	34.1
Sweden	321	337	342	345	360	13.6	14.4	14.9	15.1	15.5
Switzerland	732	736	716	691	734	11.3	11.3	11.2	11.7	12.2
Turkey	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
United Kingdom	7,398	5,682	4,838	4,434	4,468	62.6	64.9	63.2	64.7	69.1
United States	141	148	151	159	166	102.9	103.3	104.8	105.8	106.4
CPSS¹	nap	nap	nap	nap	nap	109.6	111.5	112.4	113.9	119.9

Table 9e (cont)

	Cheques					E-money payment transactions				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	162.9	131.3	119.9	104.7	88.8	nav	nav	nav	nav	nav
Belgium	18.8	14.6	12.7	11.5	12.6	0.12	0.10	0.09	0.07	0.06
Brazil	82.4	84.2	77.2	71.4	67.2	0.03	0.03	0.03	0.04	0.05
Canada	218.0	200.2	183.9	176.3	170.5	nav	nav	nav	nav	nav
China	918.9	800.4	805.2	725.8	638.5	nav	nav	nav	nav	nav
France	115.2	107.0	97.3	94.4	89.5	0.00	0.00	0.00	0.00	0.01
Germany	17.2	15.5	12.6	10.6	9.7	0.01	0.01	0.01	0.01	0.00
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	268.7	223.4	161.2	132.1	111.8	nav	nav	nav	0.02	0.07
Italy	75.1	69.4	60.1	54.4	50.2	0.22	0.29	0.34	0.48	0.61
Japan	90.3	86.4	79.3	77.9	nav	0.11	0.17	0.27	0.37	0.44
Korea	685.7	762.2	762.4	729.6	664.6	0.11	0.11	0.13	0.21	0.17
Mexico	104.3	94.8	92.7	76.2	69.2	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.08	0.08	0.08	0.08	0.08
Russia	0.2	0.0	0.0	0.0	0.0	0.00	0.02	0.09	0.16	0.36
Saudi Arabia	41.3	39.9	46.4	42.4	35.3	nav	nav	nav	nav	nav
Singapore	252.9	235.6	219.2	213.8	209.5	0.64	0.71	0.72	0.64	0.67
South Africa	nav	nav	98.9	62.9	39.8	nav	nav	nav	nav	nav
Sweden	1.9	2.2	1.4	0.8	0.9	nav	nav	nav	nav	nav
Switzerland	0.5	0.4	0.4	0.3	0.2	0.01	0.01	0.01	0.01	0.01
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	116.8	104.2	91.2	74.6	63.7	nav	nav	nav	nav	nav
United States	266.9	239.8	226.1	199.7	175.6	nav	nav	nav	nav	nav
CPSS¹	232.3	216.5	216.4	200.9	199.3	0.08	0.10	0.14	0.18	0.22

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

¹ Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9e (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	24.9	25.5	26.9	26.9	27.3	8.1	8.8	9.8	10.0	10.6
Belgium	14.5	15.2	16.1	16.5	17.1	11.5	12.0	12.8	13.1	13.6
Brazil	10.2	11.0	11.9	13.3	15.3	3.1	3.5	3.8	4.2	5.0
Canada	27.6	28.8	30.1	29.7	29.9	10.3	10.5	11.2	10.8	10.6
China	11.6	12.6	20.5	26.6	44.8	nav	nav	nav	nav	nav
France	16.5	17.2	18.0	18.7	19.7	nav	nav	nav	nav	nav
Germany	5.9	6.1	6.6	6.8	7.2	4.3	4.5	4.9	5.0	5.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	10.2	12.6	14.6	15.7	17.6	9.0	11.3	13.5	14.8	16.4
Italy	8.3	7.4	7.7	7.7	7.8	4.9	4.0	4.1	4.1	4.2
Japan	7.7	8.6	9.6	nav	nav	0.1	0.2	0.2	0.1	nav
Korea	34.5	38.4	39.5	39.5	42.6	1.9	2.6	3.4	4.4	5.6
Mexico	4.1	4.4	4.9	5.1	5.7	1.6	1.7	2.0	2.2	2.5
Netherlands	14.1	14.7	15.3	15.9	16.0	12.4	12.8	13.6	14.2	14.1
Russia	2.0	2.8	3.2	4.2	6.2	1.8	2.6	3.0	3.8	5.7
Saudi Arabia	24.1	24.1	33.1	31.6	30.2	24.1	24.1	33.1	31.6	30.2
Singapore	15.0	17.2	18.2	17.9	19.0	6.6	7.6	8.4	7.9	8.2
South Africa	nav	nav	15.3	15.3	15.4	nav	nav	nav	nav	nav
Sweden	19.6	21.6	22.9	22.6	21.9	15.3	16.8	17.7	16.7	16.4
Switzerland	14.0	14.2	14.8	14.9	14.9	9.2	9.4	10.0	9.9	10.0
Turkey	15.5	17.8	19.8	20.2	21.4	0.3	0.4	0.5	0.7	0.9
United Kingdom	26.8	28.3	30.1	31.0	33.2	16.4	17.6	19.7	20.8	23.1
United States	23.4	24.4	24.2	25.5	27.2	8.4	9.4	10.4	11.4	12.3
CPSS¹	16.8	17.2	18.6	21.1	24.8	7.0	7.5	8.2	8.7	10.8

Table 9e (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	16.8	16.8	17.1	16.9	16.6
Belgium	3.0	3.2	3.2	3.4	3.5	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	7.1	7.5	8.2	9.1	10.3
Canada	nav	nav	nav	nav	nav	17.3	18.3	18.9	18.9	19.2
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany	1.5	1.5	1.6	1.6	1.7	0.1	0.1	0.1	0.1	0.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	17.7	18.2	19.9	21.1
India	nav	0.0	0.1	0.1	0.1	1.2	1.2	1.0	0.9	1.1
Italy	nav	nav	nav	nav	nav	3.4	3.4	3.6	3.7	3.5
Japan	nav	nav	nav	nav	nav	7.6	8.5	9.4	nav	nav
Korea	nav	nav	nav	nav	nav	32.6	35.8	36.1	35.1	37.0
Mexico	nav	nav	nav	nav	nav	2.5	2.6	2.9	2.9	3.2
Netherlands	1.7	1.8	1.7	1.7	1.8	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.2	0.2	0.3	0.3	0.4
Saudi Arabia	nav	nav	nav	nav	nav	nav	0.8	1.0	1.0	1.0
Singapore	nav	nav	nav	nav	nav	8.5	9.6	9.8	10.0	10.8
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	1.1	1.1	1.1	1.0	1.0	3.3	3.7	4.1	4.9	4.5
Switzerland	nav	nav	nav	nav	nav	4.8	4.8	4.8	4.9	5.0
Turkey	nav	nav	nav	nav	nav	15.2	17.5	19.3	19.5	20.5
United Kingdom	2.4	2.8	2.6	2.6	2.4	8.0	7.9	7.7	7.6	7.8
United States	nav	nav	nav	nav	nav	15.0	15.0	13.9	14.1	14.9
CPSS¹	1.9	1.8	1.7	1.6	1.6	10.3	10.2	10.2	10.5	10.9

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

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

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

	Cards with a cash function					Cards with an e-money function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	51.23	54.82	58.22	58.12	58.40	nap	nap	nap	nap	nap
Belgium	17.49	18.72	19.26	19.45	20.01	10.90	11.44	11.32	11.66	12.45
Brazil	195.20	222.50	237.17	295.28	324.75	0.76	0.94	1.27	1.66	2.26
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	1,499	1,800	2,066	2,415	2,949	nap	nap	nap	nap	nap
France	91.75	93.59	95.14	96.07	92.74	26.73	30.70	30.75	37.26	33.09
Germany	123.56	125.71	129.60	130.22	132.70	77.77	79.89	85.95	95.13	96.48
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	129.98	162.36	200.56	245.96	296.40	nav	nav	nav	117.42	107.44
Italy	40.28	47.03	44.82	49.71	53.28	5.81	8.21	10.63	12.36	14.20
Japan	463.84	472.82	346.40	349.04	nav	80.61	105.03	129.89	151.74	174.97
Korea	nav	nav	nav	nav	nav	13.16	13.04	14.47	16.51	18.34
Mexico	76.69	82.18	82.93	97.56	110.25	nav	nav	nav	nav	nav
Netherlands	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
Russia	103.50	119.24	126.03	144.42	200.17	0.46	0.61	2.04	6.58	37.27
Saudi Arabia	11.10	12.37	13.71	12.16	14.26	nap	nap	nap	nap	nap
Singapore	8.93	9.63	8.96	9.84	10.21	13.87	14.71	15.33	18.32	20.44
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	9.82	10.65	10.88	11.10	11.40	nap	nap	nap	nap	nap
Switzerland	11.27	12.10	12.59	13.20	14.05	4.81	5.15	5.01	5.02	3.01
Turkey	33.87	38.14	38.53	41.03	45.17	nap	nap	nap	nap	nap
United Kingdom	164.88	168.28	162.21	165.07	165.10	nav	nav	nav	nav	nav
United States	982.45	952.40	855.20	795.10	805.20	nav	nav	nav	nav	nav
CPSS²	4,014.47	4,402.96	4,508.18	4,948.67	5,303.18	234.90	269.73	306.67	473.69	519.96

Table 10 (cont)

	Cards with a payment function					of which: cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	51.23	54.82	58.22	58.12	58.40	32.35	35.34	37.93	36.58	37.25
Belgium	17.49	18.72	19.26	19.45	20.01	13.7	14.7	15.0	15.1	15.7
Brazil	300.12	345.73	373.76	398.20	402.47	182.4	207.9	221.5	226.1	233.3
Canada	89.67	94.18	96.11	98.37	102.10	21.26	21.50	22.30	23.90	23.30
China	1498.60	1800.39	2065.94	2415.31	2949.05	1,408.34	1,658.06	1,880.39	2,185.66	2,663.59
France	82.43	85.47	86.95	84.86	83.01	64.39	65.96	70.77	71.05	69.09
Germany	122.98	122.88	125.99	127.62	130.59	100.74	100.67	101.76	102.28	103.96
Hong Kong SAR	nav	14.05	14.50	15.45	16.48	nav	nav	nav	nav	nav
India	129.98	162.36	200.56	245.96	296.40	102.44	137.43	181.97	227.84	278.28
Italy	67.60	73.05	68.21	70.04	67.36	33.10	37.06	33.19	36.17	37.55
Japan	729.59	726.83	734.33	nav	nav	421.00	409.00	412.00	413.00	nav
Korea	190.72	215.01	231.33	242.17	257.98	101.95	118.78	124.34	125.59	135.84
Mexico	76.69	82.18	82.93	97.56	110.25	51.87	56.94	60.83	75.17	85.60
Netherlands	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02
Russia	103.04	118.63	123.99	137.83	162.90	94.10	109.33	115.39	127.79	147.87
Saudi Arabia	12.87	14.30	15.73	12.16	14.26	11.10	12.37	13.71	12.16	14.26
Singapore	14.58	15.90	15.66	17.36	18.54	8.93	9.63	8.96	9.84	10.21
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	17.97	19.72	20.22	20.03	20.27	8.99	9.35	9.68	9.83	10.26
Switzerland	11.28	12.16	12.70	13.37	14.06	6.97	7.61	7.90	8.23	8.56
Turkey	92.85	103.95	109.05	116.87	133.24	55.51	60.55	64.66	69.92	81.88
United Kingdom	141.30	144.77	140.18	142.65	143.00	71.62	76.27	79.27	84.64	86.33
United States	1600.61	1556.80	1386.40	1138.60	1161.20	273.86	276.30	278.80	281.30	286.00
CPSS²	5,351.64	5,781.92	5,982.06	5,472.01	6,161.59	3,064.67	3,424.80	3,740.34	4,142.20	4,328.89

Table 10 (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	18.88	19.48	20.29	21.54	21.15
Belgium	3.77	4.03	4.27	4.32	4.30	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	117.72	137.79	152.29	172.10	169.14
Canada	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	68.41	72.68	73.81	74.47	78.80
China	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	90.26	142.33	185.56	229.65	285.46
France	27.56	27.32	30.86	24.28	22.30	32.72	34.01	34.51	31.61	27.56
Germany	18.79	18.99	20.52	21.61	22.68	3.45	3.22	3.70	3.73	3.95
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	14.05	14.50	15.45	16.48
India	<i>nap</i>	0.23	0.26	0.07	0.47	27.55	24.70	18.33	18.04	17.65
Italy	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	34.51	35.98	35.03	33.86	29.80
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	308.59	317.83	322.33	<i>nav</i>	<i>nav</i>
Korea	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	88.77	96.24	106.99	116.58	122.14
Mexico	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	24.82	25.24	22.10	22.40	24.65
Netherlands	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	8.94	9.30	8.60	10.05	15.03
Saudi Arabia	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.76	1.93	2.02	<i>nav</i>	<i>nav</i>
Singapore	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	5.65	6.28	6.70	7.52	8.33
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	0.69	0.70	0.71	0.67	0.66	8.30	9.66	9.84	9.54	9.35
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	4.31	4.55	4.80	5.13	5.50
Turkey	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	37.34	43.39	44.39	46.96	51.36
United Kingdom	2.36	2.34	2.31	2.40	2.19	67.31	66.16	58.60	55.60	54.48
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1,326.75	1,280.50	1,107.60	857.30	875.20
CPSS²	53.17	53.60	58.93	53.35	52.60	2,276.04	2,345.32	2,231.98	1,731.54	1,816.05

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

¹ Except as noted. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	6.1	7.0	6.2	-0.2	0.5	nav	nav	nav	nav	nav
Belgium	5.3	7.0	2.9	1.0	2.9	1.0	4.9	-1.1	3.0	6.8
Brazil	4.6	14.0	6.6	24.5	10.0	36.6	23.4	35.0	30.4	35.9
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	33.0	20.1	14.7	16.9	22.1	nav	nav	nav	nav	nav
France	7.1	2.0	1.7	1.0	-3.5	21.6	14.9	0	21.2	-11.2
Germany	18.6	1.7	3.1	0.5	1.9	18.0	2.7	7.6	10.7	1.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	32.5	24.9	23.5	22.6	20.5	nav	nav	nav	nav	-8.5
Italy	4.9	16.8	-4.7	10.9	7.2	30.1	41.4	29.5	16.3	14.9
Japan ¹	1.7	1.9	-26.7	0.8	nav	nav	30.3	23.7	16.8	15.3
Korea	nav	nav	nav	nav	nav	-42.4	-0.9	11.0	14.1	11.1
Mexico	4.9	7.1	0.9	17.7	13.0	nav	nav	nav	nav	nav
Netherlands	-99.9	-1.4	-2.4	0.5	0.2	-99.9	0.6	31.9	-1.0	0.8
Russia	38.4	15.2	5.7	14.6	38.6	152.4	34.4	233.7	222.4	466.0
Saudi Arabia	11.4	11.4	10.9	-11.3	17.3	nav	nav	nav	nav	nav
Singapore	8.2	7.7	-6.9	9.8	3.7	15.2	6.0	4.2	19.5	11.6
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	4.2	8.5	2.1	2.1	2.7	nav	nav	nav	nav	nav
Switzerland	8.0	7.3	4.1	4.8	6.4	4.2	7.0	-2.7	0.4	-40.2
Turkey	13.3	12.6	1.0	6.5	10.1	nav	nav	nav	nav	nav
United Kingdom	0.5	2.1	-3.6	1.8	0.0	nav	nav	nav	nav	nav
United States	4.8	-3.1	-10.2	-7.0	1.3	nav	nav	nav	nav	nav
CPSS²	14.4	9.7	2.4	9.8	15.3	-4.5	14.8	13.7	16.2	9.8

Table 10a (cont)

	Cards with a payment function					of which: cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	6.1	7.0	6.2	-0.2	0.5	5.8	9.2	7.3	-3.6	1.8
Belgium	5.3	7.0	2.9	1.0	2.9	4.1	7.1	2.0	0.9	3.8
Brazil	15.6	15.2	8.1	6.5	1.1	4.5	14.0	6.5	2.1	3.2
Canada	9.3	5.0	2.0	2.4	3.8	4.8	1.1	3.7	7.2	-2.5
China	33.0	20.1	14.7	16.9	22.1	30.9	17.7	13.4	16.2	21.9
France	-25.4	3.7	1.7	-2.4	-2.2	14.3	2.4	7.3	0.4	-2.8
Germany	13.9	-0.1	2.5	1.3	2.3	12.3	-0.1	1.1	0.5	1.6
Hong Kong SAR	nav	nav	3.2	6.6	6.7	nav	nav	nav	nav	nav
India	32.5	24.9	23.5	22.6	20.5	36.6	34.2	32.4	25.2	22.1
Italy	5.8	8.1	-6.6	2.7	-3.8	1.5	12.0	-10.5	9.0	3.8
Japan	4.3	-0.4	1.0	nav	nav	3.4	-2.9	0.7	0.2	nav
Korea	4.4	12.7	7.6	4.7	6.5	13.0	16.5	4.7	1.0	8.2
Mexico	4.9	7.1	0.9	17.7	13.0	0.3	9.8	6.8	23.6	13.9
Netherlands	-99.9	-0.5	-3.3	0.1	0.1	-99.9	-0.5	-3.3	0.1	0.1
Russia	38.2	15.1	4.5	11.2	18.2	36.5	16.2	5.5	10.7	15.7
Saudi Arabia	13.0	11.1	10.0	-22.7	17.3	11.4	11.4	10.9	-11.3	17.3
Singapore	9.3	9.0	-1.5	10.9	6.8	8.2	7.7	-6.9	9.8	3.7
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	28.1	9.7	2.5	-0.9	1.2	4.5	4.0	3.4	1.6	4.4
Switzerland	7.8	7.8	4.5	5.2	5.2	5.8	9.1	3.9	4.2	4.0
Turkey	8.1	12.0	4.9	7.2	14.0	3.8	9.1	6.8	8.1	17.1
United Kingdom	-1.1	2.5	-3.2	1.8	0.2	4.8	6.5	3.9	6.8	2.0
United States	0.7	-2.7	-10.9	-17.9	2.0	0.9	0.9	0.9	0.9	1.7
CPSS²	10.7	7.8	3.5	4.3	12.6	16.2	11.8	9.2	10.7	16.1

Table 10a (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	6.5	3.2	4.2	6.2	-1.8
Belgium	10.1	6.8	6.0	1.2	-0.4	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	38.1	17.0	10.5	13.0	-1.7
Canada	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	10.8	6.2	1.5	0.9	5.8
China	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	78.3	57.7	30.4	23.8	24.3
France	9.0	-0.9	13.0	-21.3	-8.2	13.2	3.9	1.5	-8.4	-12.8
Germany	2.9	1.1	8.1	5.3	4.9	<i>nav</i>	-6.7	15.0	0.6	5.9
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	3.2	6.6	6.7
India	<i>nav</i>	<i>nav</i>	13.0	-72.2	546.6	19.1	-10.3	-25.8	-1.6	-2.1
Italy	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	10.3	4.3	-2.7	-3.3	-12.0
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	5.4	3.0	1.4	<i>nav</i>	<i>nav</i>
Korea	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	-4.0	8.4	11.2	9.0	4.8
Mexico	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	16.2	1.7	-12.5	1.4	10.1
Netherlands	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	58.0	3.9	-7.5	16.8	49.5
Saudi Arabia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	24.1	9.6	4.5	<i>nav</i>	<i>nav</i>
Singapore	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	11.0	11.1	6.8	12.2	10.8
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	-19.2	2.5	0.4	-5.9	-0.9	81.2	16.4	1.8	-3.0	-2.0
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	11.3	5.7	5.4	6.9	7.1
Turkey	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	15.1	16.2	2.3	5.8	9.4
United Kingdom	-52.1	-0.9	-1.3	4.1	-8.8	-3.2	-1.7	-11.4	-5.1	-2.0
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.7	-3.5	-13.5	-22.6	2.1
CPSS²	0.8	0.4	9.9	-9.5	-1.4	5.9	2.4	-4.8	-9.2	4.9

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

¹ The data collection methodology has been changed from 2009. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	2.43	2.56	2.67	2.63	2.61	nap	nap	nap	nap	nap
Belgium	1.65	1.75	1.78	1.78	1.82	1.03	1.07	1.05	1.06	1.13
Brazil	1.04	1.17	1.24	1.53	1.67	0.00	0.00	0.01	0.01	0.01
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	1.14	1.36	1.55	1.81	2.19	nap	nap	nap	nap	nap
France	1.44	1.46	1.48	1.48	1.42	0.42	0.48	0.48	0.57	0.51
Germany	1.50	1.53	1.58	1.59	1.62	0.95	0.97	1.05	1.16	1.18
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.11	0.14	0.17	0.21	0.25	nav	nav	nav	0.10	0.09
Italy	0.68	0.79	0.75	0.83	0.88	0.10	0.14	0.18	0.21	0.24
Japan	3.63	3.70	2.72	2.73	nav	0.63	0.82	1.02	1.18	1.37
Korea	nav	nav	nav	nav	nav	0.27	0.27	0.29	0.33	0.37
Mexico	0.73	0.77	0.77	0.90	1.01	nav	nav	nav	nav	nav
Netherlands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Russia	0.73	0.84	0.88	1.01	1.40	0.00	0.00	0.01	0.05	0.26
Saudi Arabia	0.45	0.48	0.51	0.44	0.50	nap	nap	nap	nap	nap
Singapore	1.95	1.99	1.80	1.94	1.97	3.02	3.04	3.07	3.61	3.94
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	1.07	1.15	1.16	1.18	1.21	nap	nap	nap	nap	nap
Switzerland	1.48	1.57	1.61	1.68	1.78	0.63	0.67	0.64	0.64	0.38
Turkey	0.48	0.53	0.53	0.56	0.60	nap	nap	nap	nap	nap
United Kingdom	2.70	2.74	2.63	nav	nav	nav	nav	nav	nav	nav
United States	3.26	3.13	2.79	2.57	2.58	nav	nav	nav	nav	nav
CPSS²	1.07	1.16	1.18	1.31	1.44	0.31	0.36	0.41	0.24	0.26

Table 10b (cont)

	Cards with a payment function					of which: cards with a debit function				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	2.43	2.56	2.67	2.63	2.61	1.54	1.65	1.74	1.66	1.67
Belgium	1.65	1.75	1.78	1.78	1.82	1.29	1.37	1.39	1.38	1.43
Brazil	1.60	1.82	1.95	2.06	2.06	0.97	1.10	1.16	1.17	1.20
Canada	2.73	2.83	2.85	2.89	2.96	0.65	0.65	0.66	0.70	0.68
China	1.14	1.36	1.55	1.81	2.19	1.07	1.25	1.41	1.63	1.98
France	1.30	1.34	1.35	1.31	1.27	1.01	1.03	1.10	1.10	1.06
Germany	1.50	1.50	1.54	1.56	1.60	1.22	1.23	1.24	1.25	1.27
Hong Kong SAR	nav	2.02	2.07	2.19	2.32	nav	nav	nav	nav	nav
India	0.11	0.14	0.17	0.21	0.25	0.09	0.12	0.16	0.19	0.23
Italy	1.15	1.23	1.14	1.17	1.12	0.56	0.62	0.56	0.60	0.62
Japan	5.71	5.69	5.76	nav	nav	3.29	3.20	3.23	3.23	nav
Korea	3.92	4.39	4.70	4.90	5.18	2.10	2.43	2.53	2.54	2.73
Mexico	0.73	0.77	0.77	0.90	1.01	0.49	0.54	0.57	0.70	0.79
Netherlands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Russia	0.73	0.84	0.87	0.96	1.14	0.66	0.77	0.81	0.89	1.03
Saudi Arabia	0.52	0.55	0.59	0.44	0.50	0.45	0.48	0.51	0.44	0.50
Singapore	3.18	3.29	3.14	3.42	3.58	1.95	1.99	1.80	1.94	1.97
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	1.96	2.13	2.16	2.13	2.14	0.98	1.01	1.04	1.04	1.09
Switzerland	1.48	1.58	1.63	1.70	1.78	0.91	0.99	1.01	1.04	1.08
Turkey	1.32	1.45	1.50	1.59	1.78	0.79	0.85	0.89	0.95	1.10
United Kingdom	2.32	2.36	2.27	nav	nav	1.17	1.24	1.28	nav	nav
United States	5.31	5.12	4.52	3.68	3.73	0.91	0.91	0.91	0.91	0.92
CPSS²	1.40	1.49	1.53	1.46	1.63	0.80	0.89	0.96	1.07	1.15

Table 10b (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.90	0.91	0.93	0.97	0.95
Belgium	0.35	0.38	0.40	0.39	0.39	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.63	0.73	0.80	0.89	0.87
Canada	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	2.08	2.18	2.19	2.19	2.29
China	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.07	0.11	0.14	0.17	0.21
France	0.43	0.43	0.48	0.37	0.34	0.51	0.53	0.54	0.49	0.42
Germany	0.23	0.23	0.25	0.26	0.28	0.04	0.04	0.05	0.05	0.05
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.02	2.07	2.19	2.32
India	<i>nap</i>	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.01
Italy	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.59	0.61	0.59	0.56	0.49
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.42	2.49	2.53	<i>nav</i>	<i>nav</i>
Korea	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.83	1.97	2.18	2.36	2.45
Mexico	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.24	0.24	0.21	0.21	0.23
Netherlands	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.06	0.07	0.06	0.07	0.11
Saudi Arabia	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.07	0.07	0.08	<i>nav</i>	<i>nav</i>
Singapore	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.23	1.30	1.34	1.48	1.61
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	0.08	0.08	0.08	0.07	0.07	0.91	1.04	1.05	1.01	0.99
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.57	0.59	0.62	0.65	0.70
Turkey	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.53	0.61	0.61	0.64	0.69
United Kingdom	0.04	0.04	0.04	<i>nav</i>	<i>nav</i>	1.10	1.08	0.95	<i>nav</i>	<i>nav</i>
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	4.40	4.21	3.61	2.77	2.81
CPSS²	0.23	0.04	0.04	0.04	0.04	0.60	0.61	0.58	0.47	0.49

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

¹ Except as noted. ² 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)*

	ATMs					POS terminals				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	26.1	27.1	27.1	30.1	30.8	628.8	669.6	697.8	707.3	751.1
Belgium	15.4	15.5	15.3	15.6	15.8	121.9	124.9	135.1	138.3	140.9
Brazil	153.2	158.4	165.6	174.9	173.9	3,269.4	4,233.0	4,712.6	4,821.9	5,852.8
Canada	55.6	57.9	58.2	59.6	60.0	603.2	630.5	708.7	727.3	740.0
China	127.6	167.5	214.9	271.1	333.8	1,181.2	1,845.1	2,273.4	3,334.0	4,826.5
France	52.2	53.3	54.9	56.2	58.2	1,242.6	1,376.6	1,391.7	1,426.7	1,443.7
Germany	75.8	77.7	79.4	82.5	84.3	566.0	593.0	645.4	678.2	710.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	30.0	40.0	60.2	74.5	95.7	420.0	450.0	485.5	589.3	660.9
Italy	48.1	54.7	54.3	51.4	51.8	1,219.4	1,334.5	1,458.7	1,223.8	1,254.5
Japan	138.4	139.2	138.6	137.7	nav	1,682.6	1,706.1	1,723.4	1,859.4	nav
Korea	93.7	98.2	101.5	110.3	118.5	nav	nav	nav	nav	nav
Mexico	29.3	31.9	33.9	35.9	36.4	418.1	446.0	446.8	482.3	547.7
Netherlands	8.5	8.7	8.5	7.9	7.8	224.0	234.4	244.2	258.6	279.6
Russia	54.8	75.0	88.1	116.2	141.9	239.4	333.2	354.4	434.5	528.5
Saudi Arabia	7.5	8.9	10.0	10.9	11.8	61.6	72.4	82.6	80.5	88.8
Singapore	1.9	2.0	2.1	2.4	2.5	71.3	83.9	81.5	98.7	89.9
South Africa	nav	nav	21.0	23.3	24.1	nav	nav	236.6	273.8	277.5
Sweden	2.8	2.8	3.3	3.4	3.6	187.3	196.0	217.8	203.1	205.2
Switzerland	5.9	6.1	6.2	6.4	6.7	126.8	140.3	143.4	151.8	154.0
Turkey	18.8	22.0	23.8	27.6	32.5	1,453.9	1,632.6	1,738.7	1,823.5	1,976.8
United Kingdom	63.4	63.9	62.2	63.1	64.4	1,050.7	1,095.0	1,179.2	1,252.7	1,360.6
United States ¹	415.3	406.1	425.0	nav	nav	5,146.5	5,175.5	nav	nav	nav
CPSS²	1,424.4	1,516.9	1,654.1	1,361.0	1,354.3	19,914.8	22,372.7	18,957.4	20,565.9	21,890.0

Table 11 (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	125.5	125.4	117.6	112.4	nav	80.1	77.1	73.5	65.6	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	122.2	106.0	101.2	106.8	96.0	147.6	132.8	127.8	133.7	124.7
Germany	31.4	47.1	49.3	52.6	52.8	334.3	316.7	302.1	236.6	236.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	12.4	17.0	nav	nav	nav	224.3	230.3	nav	nav	nav
Japan	nav	nav	nav	nav	nav	358.0	479.8	664.7	888.6	1,069.6
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	4.2	4.2	4.1	3.8	2.9	99.4	88.7	82.2	68.3	42.5
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	79.7	94.6	104.2	134.2	108.3
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	5.9	6.1	6.2	6.4	6.7	12.9	13.1	13.4	13.8	13.9
Turkey	nav	nav	nav	nav	nav	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
CPSS²	301.5	305.8	278.5	281.8	158.4	1,336.2	1,433.1	1,367.8	1,540.7	1,595.1

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

¹ For POS terminals, PIN-based debit terminals only. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1.2	3.9	-0.1	11.2	2.5	10.2	6.5	4.2	1.4	6.2
Belgium	5.0	0.2	-1.3	2.0	1.2	5.8	2.5	8.1	2.4	1.9
Brazil	3.8	3.4	4.5	5.6	-0.6	31.2	29.5	11.3	2.3	21.4
Canada	4.1	4.1	0.5	2.4	0.7	1.9	4.5	12.4	2.6	1.7
China	26.0	31.3	28.3	26.2	23.1	44.4	56.2	23.2	46.7	44.8
France	9.1	2.2	3.0	2.4	3.4	8.8	10.8	1.1	2.5	1.2
Germany	40.6	2.6	2.1	3.9	2.1	-2.1	4.8	8.8	5.1	4.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.0	33.3	50.4	23.9	28.4	31.3	7.1	7.9	21.4	12.1
Italy	10.1	13.8	-0.7	-5.5	0.9	4.4	9.4	9.3	-16.1	2.5
Japan	0.1	0.6	-0.4	-0.6	nav	8.6	1.4	1.0	7.9	nav
Korea	8.6	4.7	3.4	8.7	7.4	nav	nav	nav	nav	nav
Mexico	14.2	8.9	6.2	6.0	1.4	37.0	6.7	0.2	7.9	13.6
Netherlands	5.3	1.3	-1.7	-6.9	-1.5	4.4	4.6	4.2	5.9	8.1
Russia	38.8	36.9	17.5	31.8	22.2	39.6	39.2	6.3	22.6	21.6
Saudi Arabia	24.1	17.9	11.9	9.4	8.1	7.7	17.5	14.2	-2.6	10.3
Singapore	6.5	4.9	6.6	14.7	3.3	2.8	17.7	-2.9	21.2	-9.0
South Africa	nav	nav	nav	10.6	3.5	nav	nav	nav	15.7	1.3
Sweden	0.1	0.1	18.0	1.0	6.4	1.5	4.6	11.1	-6.7	1.0
Switzerland	3.4	2.6	2.4	2.4	4.4	8.8	10.7	2.2	5.9	1.4
Turkey	13.9	16.9	8.3	16.2	17.4	13.3	12.3	6.5	4.9	8.4
United Kingdom	4.9	0.8	-2.7	1.5	2.0	-0.2	4.2	7.7	6.2	8.6
United States	5.1	-2.2	4.6	nav	nav	-0.7	0.6	nav	nav	nav
CPSS¹	9.2	6.5	7.7	10.7	10.7	10.7	12.3	8.9	8.5	17.0

Table 11a (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	-3.1	0.0	-6.2	-4.4	nav	-9.9	-3.8	-4.7	-10.7	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	176.5	-13.3	-4.5	5.5	-10.1	80.0	-10.0	-3.7	4.6	-6.7
Germany	-4.8	50.3	4.6	6.6	0.5	48.8	-5.3	-4.6	-21.7	-0.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	1.9	37.5	nav	nav	nav	20.4	2.7	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	34.0	38.5	33.7	20.4
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	0.9	-0.1	-1.3	-9.0	-22.8	-5.4	-10.7	-7.3	-17.0	-37.7
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	2.1	18.7	10.1	28.8	-19.3
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	3.4	2.6	2.4	2.4	4.4	-29.5	2.1	2.2	2.8	0.6
Turkey	nav	nav	nav	nav	nav	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
CPSS¹	31.8	1.4	-3.6	1.2	-6.5	24.9	7.3	13.7	12.6	8.1

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

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

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

	ATMs					POS terminals				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	1,238	1,263	1,241	1,362	1,379	29,859	31,232	31,983	32,008	33,577
Belgium	1,454	1,445	1,415	1,422	1,437	11,473	11,664	12,519	12,625	12,843
Brazil	816	835	865	905	892	17,424	22,325	24,611	24,951	30,025
Canada	1,691	1,741	1,728	1,749	1,742	18,346	18,955	21,046	21,345	21,487
China	97	126	161	203	248	896	1,393	1,708	2,493	3,592
France	820	834	854	868	893	19,537	21,522	21,642	22,009	22,152
Germany	921	947	970	1,009	1,030	6,881	7,221	7,883	8,295	8,693
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	26	35	51	63	80	369	390	415	497	550
Italy	817	922	909	855	859	20,710	22,490	24,412	20,380	20,795
Japan	1,083	1,090	1,087	1,076	nav	13,169	13,361	13,515	14,520	nav
Korea	1,929	2,006	2,065	2,233	2,381	nav	nav	nav	nav	nav
Mexico	278	301	317	333	335	3,969	4,198	4,171	4,467	5,033
Netherlands	521	525	513	475	466	13,653	14,217	14,735	15,525	16,713
Russia	386	528	619	813	993	1,685	2,348	2,488	3,040	3,697
Saudi Arabia	302	345	373	395	415	2,468	2,806	3,099	2,921	3,129
Singapore	415	413	427	481	487	15,531	17,337	16,335	19,448	17,337
South Africa	nav	nav	424	464	475	nav	nav	4,768	5,461	5,481
Sweden	307	304	355	356	377	20,473	21,178	23,312	21,571	21,701
Switzerland	778	789	798	810	842	16,646	18,201	18,382	19,274	19,461
Turkey	266	307	328	375	434	20,597	22,829	23,962	24,735	26,455
United Kingdom	1,040	1,041	1,006	nav	nav	17,229	17,834	19,083	nav	nav
United States	1,379	1,336	1,385	nav	nav	17,085	17,019	nav	nav	nav
CPSS¹	372	392	419	377	386	5,264	5,863	5,278	5,778	6,326

Table 11b (cont)

	E-money card loading/unloading terminals					E-money card payment terminals				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	11,812	11,715	10,900	10,263	nav	7,545	7,201	6,808	5,988	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	1,921	1,657	1,574	1,647	1,473	2,320	2,076	1,988	2,063	1,914
Germany	381	574	602	643	646	4,063	3,856	3,689	2,894	2,887
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	210	286	nav	nav	nav	3,809	3,881	nav	nav	nav
Japan	nav	nav	nav	nav	nav	2,802	3,757	5,213	6,939	8,369
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	256	254	249	226	174	6,057	5,381	4,959	4,099	2,541
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	17,362	19,546	20,884	26,425	20,884
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	778	789	798	810	842	1,690	1,704	1,721	1,752	1,755
Turkey	nav	nav	nav	nav	nav	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
CPSS¹	1,260	1,273	1,536	1,548	923	3,594	3,843	4,358	4,888	5,237

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

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	8.58	9.29	8.91	9.25	9.05	309.03	348.27	375.70	391.12	405.67
Brazil	nav	nav	nav	nav	nav	2,405.57	2,760.00	2,736.71	2,936.78	3,133.54
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	4,072.03	5,174.55	6,357.79	8,358.72	10,312.71
France	30.26	30.57	32.85	35.24	37.14	1,531.21	1,593.81	1,614.47	1,601.74	1,630.14
Germany	nav	nav	nav	nav	nav	1,945.14	2,002.98	2,045.98	2,040.19	2,097.84
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	7.22	4.40	6.10	7.20	12.47	1,772.40	2,348.60	3,344.30	4,229.39	5,071.64
Italy	nav	nav	1.14	1.26	1.46	489.46	541.66	539.19	708.73	700.51
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	16.52	17.70	16.70	16.97	16.40	1,202.60	1,278.10	1,287.10	1,355.97	1,375.06
Netherlands	18.40	29.01	16.27	17.38	19.73	469.16	473.00	454.88	434.24	437.05
Russia	12.56	15.12	12.12	13.27	15.84	1,211.35	1,508.72	1,698.01	2,001.20	2,372.18
Saudi Arabia	nav	nav	nav	nav	nav	644.79	854.88	925.65	1,059.87	1,239.31
Singapore	nav	nav	nav	nav	nav	6.77	7.30	204.80	213.80	201.72
South Africa	nav	nav	nav	nav	nav	nav	nav	875.89	955.01	1,046.29
Sweden	5.00	4.00	nav	nav	nav	306.00	305.00	nav	nav	nav
Switzerland	6.58	7.14	6.68	6.41	5.96	107.43	111.57	113.71	116.05	120.56
Turkey	8.24	9.14	9.79	11.49	12.35	617.68	670.43	739.25	790.80	854.01
United Kingdom	nav	nav	nav	nav	nav	2,834.00	2,876.00	2,916.00	2,786.00	2,874.00
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	nav	nav	nav	nav	nav	19,924.61	22,854.87	26,229.44	29,979.59	33,872.21

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	11.91	13.20	14.16	14.63	14.08	14.27	12.64	11.08	9.36	8.28
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	39.11	39.94	41.78	44.04	47.04	2.88	3.69	4.47	5.01	5.56
Germany	39.44	39.42	39.92	40.20	42.56	8.65	7.93	7.59	7.56	6.50
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2.33	2.90	3.40	4.73	5.13	nav	nav	nav	nav	nav
Italy	nav	nav	5.49	5.89	6.49	29.71	41.11	nav	17.84	23.37
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	5.32	5.40	4.40	4.68	5.15	nav	nav	nav	nav	nav
Netherlands	34.74	40.21	40.57	44.18	38.13	25.08	25.66	27.14	26.96	25.77
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	4.38	5.13	5.40	5.77	5.95	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	8.00	8.00	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	10.66	11.48	12.43	12.98	14.16	1.05	1.02	0.97	0.88	0.59
Turkey	1.74	2.05	1.99	2.65	3.11	nav	nav	nav	nav	nav
United Kingdom	3.00	3.00	3.00	3.00	1.00	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	160.63	170.72	172.54	182.75	182.80	81.64	92.05	51.25	67.61	70.07

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

¹ Except as noted. ² Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 data are 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	15.6	8.3	-4.1	3.8	-2.1	17.2	12.7	7.9	4.1	3.7
Brazil	nav	nav	nav	nav	nav	13.7	14.7	-0.8	7.3	6.7
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	27.2	27.1	22.9	31.5	23.4
France	6.6	1.0	7.5	7.3	5.4	5.0	4.1	1.3	-0.8	1.8
Germany	nav	nav	nav	nav	nav	-20.5	3.0	2.1	-0.3	2.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	104.5	-39.1	38.6	18.0	73.2	40.5	32.5	42.4	26.5	19.9
Italy	nav	nav	nav	10.4	15.6	4.1	10.7	-0.5	31.4	-1.2
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	8.6	7.1	-5.6	1.6	-3.3	8.6	6.3	0.7	5.4	1.4
Netherlands	28.7	57.7	-43.9	6.8	13.5	-1.1	0.8	-3.8	-4.5	0.6
Russia	16.4	20.3	-19.8	9.5	19.3	33.1	24.5	12.5	17.9	18.5
Saudi Arabia	nav	nav	nav	nav	nav	70.5	32.6	8.3	14.5	16.9
Singapore	nav	nav	nav	nav	nav	32.2	7.9	2,705.1	4.4	-5.6
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	9.0	9.6
Sweden	-16.7	-20.0	nav	nav	nav	-0.3	-0.3	nav	nav	nav
Switzerland	9.7	8.5	-6.4	-4.0	-7.0	1.9	3.9	1.9	2.1	3.9
Turkey	4.5	11.0	7.1	17.4	7.5	7.4	8.5	10.3	7.0	8.0
United Kingdom	nav	nav	nav	nav	nav	3.0	1.5	1.4	-4.5	3.2
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	nap	nap	nap	nap	nap	11.7	14.7	12.4	14.3	13.0

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
Belgium	9.6	10.8	7.3	3.3	-3.7	-9.3	-11.4	-12.4	-15.5	-11.5
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	16.7	2.1	4.6	5.4	6.8	40.2	28.1	21.3	12.1	10.8
Germany	nav	-0.1	1.3	0.7	5.9	72.3	-8.3	-4.3	-0.4	-14.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	32.4	24.5	17.2	39.1	8.6	nav	nav	nav	nav	nav
Italy	nav	nav	nav	7.3	10.1	8.5	38.4	nav	nav	31.0
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	8.0	1.5	-18.5	6.3	10.0	nav	nav	nav	nav	nav
Netherlands	11.9	15.7	0.9	8.9	-13.7	7.6	2.3	5.8	-0.7	-4.4
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	128.8	17.0	5.3	6.9	3.1	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	14.3	0.0	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	7.7	7.7	8.3	4.4	9.1	5.0	-2.9	-4.9	-9.3	-33.0
Turkey	-21.9	17.9	-2.7	33.4	17.1	nav	nav	nav	nav	nav
United Kingdom	0.0	0.0	0.0	0.0	-66.7	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS	14.2	6.3	2.7	5.9	0.0	9.6	12.7	0.6	-2.9	3.6

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

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	1.73	1.94	1.75	1.76	1.82	46.60	56.76	60.44	60.86	68.59
Brazil	nav	nav	nav	nav	nav	255.66	307.50	319.74	419.69	505.43
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	510.86	770.05	984.42	1,356.98	1,911.73
France	7.37	7.89	7.36	7.38	8.53	146.12	168.02	168.11	163.19	177.75
Germany	nav	nav	nav	nav	nav	408.87	455.29	441.53	417.38	463.63
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.75	0.88	0.95	1.18	1.80	105.35	141.10	174.49	242.72	244.99
Italy	nav	nav	0.34	0.37	0.44	124.64	143.25	127.78	162.61	172.19
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	2.78	3.17	2.93	3.08	3.22	142.59	153.85	133.32	152.87	168.65
Netherlands	2.86	4.99	3.58	3.73	4.55	75.93	80.71	74.83	68.79	72.14
Russia	2.73	3.21	2.25	2.41	3.01	192.47	280.35	243.92	321.08	424.90
Saudi Arabia	0.33	0.42	0.47	0.54	0.70	82.33	101.07	109.68	124.90	154.21
Singapore	nav	nav	nav	nav	nav	0.86	1.07	34.05	41.38	41.92
South Africa	nav	nav	nav	nav	nav	nav	nav	60.69	79.43	91.65
Sweden	0.74	0.46	nav	nav	nav	33.29	34.00	nav	nav	nav
Switzerland	1.36	1.62	1.45	1.51	1.44	19.67	22.42	22.79	24.12	29.31
Turkey	1.90	2.28	2.19	2.62	2.86	107.47	130.28	128.72	152.42	160.05
United Kingdom	nav	nav	nav	nav	nav	372.57	352.60	300.95	286.80	306.68
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	nav	nav	nav	nav	nav	2,625.27	3,198.32	3,385.45	4,075.23	4,993.81

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	2.24	2.62	2.67	2.69	2.73	0.56	0.53	0.45	0.36	0.34
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	6.37	6.86	6.84	7.10	7.90	0.09	0.11	0.12	0.13	0.15
Germany	10.61	11.31	11.50	11.39	12.83	0.27	0.27	0.28	0.27	0.26
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.82	0.97	0.94	1.41	1.59	nav	nav	nav	nav	nav
Italy	nav	nav	0.54	1.06	1.23	6.29	8.41	nav	7.74	10.89
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	0.96	0.98	0.78	0.84	0.99	nav	nav	nav	nav	nav
Netherlands	8.29	9.87	8.70	8.53	8.45	0.69	0.74	0.72	0.66	0.62
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	0.39	0.43	0.49	0.56	0.79	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	0.00	0.00	0.00	0.00	0.00
Sweden	1.33	1.37	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	2.99	3.41	3.49	3.64	4.27	0.07	0.07	0.07	0.07	0.06
Turkey	0.27	0.34	0.33	0.44	0.55	nav	nav	nav	nav	nav
United Kingdom	0.41	0.48	0.39	0.30	0.23	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

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

¹ Except as noted. ² Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 data are 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	9.6	0.1	-5.2	3.7	-5.2	13.1	9.0	12.0	3.5	3.6
Brazil	nav	nav	nav	nav	nav	23.1	7.1	8.2	9.4	7.6
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	48.0	32.2	28.5	32.3	27.6
France	10.2	-3.0	-2.0	3.7	7.5	4.8	4.3	5.1	0.3	1.3
Germany	nav	nav	nav	nav	nav	-23.4	1.4	1.8	-1.7	3.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	25.6	17.3	14.4	5.4	42.0	41.7	34.4	31.5	17.3	-5.8
Italy	nav	nav	nav	12.3	9.3	7.1	3.9	-6.9	31.6	-2.1
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	3.3	10.8	6.4	-5.7	-0.5	8.1	4.6	-0.2	3.0	4.9
Netherlands	21.9	59.7	-25.2	8.4	13.2	-1.3	-2.7	-3.4	-4.2	-2.6
Russia	10.6	0.7	-17.8	-5.6	13.6	36.0	24.7	2.1	15.9	20.6
Saudi Arabia	18.3	18.6	5.5	8.5	24.4	6.2	11.7	3.3	8.0	17.6
Singapore	nav	nav	nav	nav	nav	5.7	9.5	3,164.8	10.8	-11.2
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	9.7	7.7
Sweden	-29.7	-41.9	nav	nav	nav	-14.2	-3.7	nav	nav	nav
Switzerland	7.9	4.8	-9.9	-0.7	-18.7	-1.1	0.4	2.3	1.0	3.1
Turkey	0.0	8.4	7.9	9.2	10.0	10.7	9.4	11.0	7.9	5.8
United Kingdom	nav	nav	nav	nav	nav	1.2	-0.4	-1.8	-6.7	-1.4
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	nap	nap	nap	nap	nap	18.4	16.9	4.3	17.4	18.4

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
Belgium	8.0	4.6	7.3	3.5	-6.6	-12.8	-14.3	-11.4	-17.8	-13.9
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	17.0	-2.3	4.7	7.3	3.5	26.0	17.5	16.6	8.7	7.6
Germany	nav	-2.9	6.7	2.9	4.6	47.4	-8.6	10.1	0.8	-11.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	42.9	18.9	3.0	26.5	4.8	nav	nav	nav	nav	nav
Italy	nav	nav	nav	102.7	6.8	-14.3	20.8	nav	nav	30.1
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	8.8	-0.5	-8.6	-2.9	12.1	nav	nav	nav	nav	nav
Netherlands	26.5	8.9	-8.1	2.1	-8.1	5.4	-2.5	1.6	-4.5	-12.4
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	1.8	-0.7	9.2	9.2	32.5	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	10.6	-3.2	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	11.4	0.4	3.2	-0.4	-0.5	-0.7	-2.4	0.5	-13.1	-28.7
Turkey	-9.5	11.7	9.7	20.2	28.3	nav	nav	nav	nav	nav
United Kingdom	-25.9	22.2	-7.0	-25.0	-28.1	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS	28.1	11.4	-3.0	3.5	9.4	-1.1	27.3	-4.4	-9.6	33.5

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. ² 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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	36.15	41.19	42.58	50.05	56.06	803.32	865.40	924.09	983.89	1,048.50
Brazil	nav	nav	nav	nav	nav	3,860.53	4,617.06	5,086.32	6,249.86	7,463.76
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	1,741.13	2,645.33	3,491.24	4,849.42	6,413.01
France	191.13	179.55	175.20	249.22	281.46	5,978.70	6,358.54	6,712.64	7,147.60	7,624.79
Germany	nav	nav	nav	nav	nav	2,026.53	2,183.12	2,306.24	2,503.14	2,721.37
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	12.28	13.70	15.80	17.97	18.54	304.20	373.50	388.50	484.24	628.95
Italy	nav	nav	70.32	83.72	92.11	825.35	873.30	1,444.37	1,381.80	1,745.99
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	26.59	28.10	23.80	26.73	28.06	724.30	815.40	853.90	1,009.02	1,238.87
Netherlands	29.40	33.93	39.04	52.33	55.22	1,621.60	1,792.28	1,980.00	2,181.08	2,323.80
Russia	7.88	10.27	10.07	17.56	23.42	189.86	249.96	329.66	507.82	823.76
Saudi Arabia	nav	nav	nav	nav	nav	99.44	120.68	124.83	151.18	190.30
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	847.61	1,007.67	1,115.47
Sweden	34.00	44.00	nav	nav	nav	1,150.00	1,345.00	nav	nav	nav
Switzerland	32.71	41.32	42.53	46.01	46.13	382.80	423.91	454.99	480.93	512.84
Turkey	9.71	10.84	11.83	15.30	18.57	1,431.84	1,696.91	1,893.50	2,156.40	2,461.93
United Kingdom	269.00	332.00	155.00	178.00	87.00	6,894.00	7,369.00	7,886.00	8,425.00	9,434.00
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	648.86	734.91	586.17	736.89	706.58	28,033.60	31,729.40	34,723.88	39,519.05	45,747.34

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	58.17	68.68	73.31	82.99	105.83	89.82	81.17	70.49	60.62	50.51
Brazil	31.08	40.99	39.91	74.45	89.67	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	165.96	183.96	210.61	244.04	286.22	nav	nav	nav	nav	nav
Germany	173.49	177.36	196.02	213.88	262.53	51.82	47.42	43.08	38.94	36.01
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	12.20	11.90	13.60	22.04	27.93	nav	nav	nav	12.10	30.60
Italy	nav	nav	nav	15.26	21.98	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	37.91	39.80	35.20	41.97	49.29	nav	nav	nav	nav	nav
Netherlands	73.45	81.82	87.71	113.21	120.48	nav	nav	nav	nav	nav
Russia	17.86	27.93	33.51	54.33	90.82	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	32.00	43.00	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	56.03	60.90	68.60	80.57	98.50	17.69	17.25	15.78	15.27	10.60
Turkey	12.50	15.79	17.33	23.07	29.55	nav	nav	nav	nav	nav
United Kingdom	306.00	314.00	303.00	384.00	469.00	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	976.64	1,066.13	1,078.79	1,349.81	1,651.80	159.33	145.84	129.35	126.93	127.72

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

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	9.0	13.9	3.4	17.5	12.0	7.5	7.7	6.8	6.5	6.6
Brazil	nav	nav	nav	nav	nav	19.1	19.6	10.2	22.9	19.4
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	63.9	51.9	32.0	38.9	32.2
France	3.5	-6.1	-2.4	42.3	12.9	9.4	6.4	5.6	6.5	6.7
Germany	nav	nav	nav	nav	nav	-18.2	7.7	5.6	8.5	8.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	6.2	11.6	15.3	13.7	3.2	39.4	22.8	4.0	24.6	29.9
Italy	nav	nav	nav	19.1	10.0	7.1	5.8	65.4	-4.3	26.4
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	-24.1	5.7	-15.3	12.3	5.0	23.9	12.6	4.7	18.2	22.8
Netherlands	46.3	15.4	15.1	34.0	5.5	9.4	10.5	10.5	10.2	6.5
Russia	13.0	30.3	-2.0	74.5	33.4	49.4	31.7	31.9	54.0	62.2
Saudi Arabia	nav	nav	nav	nav	nav	19.6	21.4	3.4	21.1	25.9
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	18.9	10.7
Sweden	30.8	29.4	nav	nav	nav	18.1	17.0	nav	nav	nav
Switzerland	17.2	26.3	2.9	8.2	0.3	8.1	10.7	7.3	5.7	6.6
Turkey	13.7	11.6	9.2	29.3	21.4	8.9	18.5	11.6	13.9	14.2
United Kingdom	66.0	23.4	-53.3	14.8	-51.1	7.0	6.9	7.0	6.8	12.0
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	25.8	13.3	-25.3	25.7	-4.1	10.6	13.2	11.5	13.8	15.8

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	16.3	18.1	6.7	13.2	27.5	-6.5	-9.6	-13.2	-14.0	-16.7
Brazil	32.1	31.9	-2.6	86.5	20.5	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	11.4	10.8	14.5	15.9	17.3	nav	nav	nav	nav	nav
Germany	nav	2.2	10.5	9.1	22.7	nav	-8.5	-9.2	-9.6	-7.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	62.7	-2.5	14.3	62.1	26.7	nav	nav	nav	nav	152.9
Italy	nav	nav	nav	nav	44.0	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	19.8	5.0	-11.6	19.2	17.4	nav	nav	nav	nav	nav
Netherlands	9.5	11.4	7.2	29.1	6.4	nav	nav	nav	nav	nav
Russia	56.6	56.4	20.0	62.2	67.2	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	45.5	34.4	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	8.6	8.7	12.6	17.4	22.3	-5.9	-2.5	-8.5	-3.2	-30.6
Turkey	31.6	26.3	9.8	33.2	28.1	nav	nav	nav	nav	nav
United Kingdom	7.7	2.6	-3.5	26.7	22.1	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS¹	13.6	9.2	5.4	23.7	22.4	-6.4	-8.5	-11.3	-11.2	0.6

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

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	4.79	5.68	4.79	5.36	6.16	59.49	68.06	67.76	68.78	76.57
Brazil	nav	nav	nav	nav	nav	135.86	175.85	188.42	276.53	366.49
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	406.35	576.90	1,004.89	1,540.59	3,267.46
France	27.02	27.61	23.72	30.23	35.26	406.02	463.00	450.31	456.52	518.79
Germany	nav	nav	nav	nav	nav	175.51	197.86	193.74	199.54	231.07
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2.54	2.52	2.78	3.55	4.30	14.54	16.80	15.45	21.42	22.38
Italy	nav	nav	10.59	13.70	15.34	104.78	118.45	158.81	159.50	197.09
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	3.65	5.80	3.99	6.47	5.75	41.90	46.68	40.21	49.75	62.15
Netherlands	4.28	4.75	4.83	5.94	6.93	99.95	115.51	111.04	112.29	120.90
Russia	2.23	2.66	1.86	2.33	2.79	11.99	20.71	18.38	28.32	51.87
Saudi Arabia	nav	nav	nav	nav	nav	10.51	13.71	15.00	19.16	26.37
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	37.91	53.06	64.28
Sweden	1.92	1.82	nav	nav	nav	59.04	66.64	nav	nav	nav
Switzerland	5.33	7.15	6.81	7.58	8.13	52.70	62.37	63.50	68.45	81.92
Turkey	2.71	3.26	3.13	4.09	5.05	98.47	128.89	119.78	145.34	163.09
United Kingdom	31.81	30.43	11.21	2.83	23.19	708.50	697.49	618.32	660.58	759.77
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	86.27	91.68	73.71	82.10	112.90	2,385.62	2,768.91	3,103.54	3,859.84	6,010.20

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	7.24	8.98	8.38	8.93	11.44	0.54	0.52	0.44	0.35	0.32
Brazil	4.10	5.66	5.30	8.82	11.87	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	19.03	22.46	22.02	23.98	28.47	nav	nav	nav	nav	nav
Germany	21.05	23.59	23.27	24.31	29.99	0.22	0.22	0.20	0.18	0.17
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1.32	1.36	1.62	2.75	3.37	nav	nav	nav	0.39	2.44
Italy	nav	nav	13.04	1.44	2.08	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	4.31	4.40	3.85	4.60	5.28	nav	nav	nav	nav	nav
Netherlands	9.80	11.98	10.85	11.36	12.92	nav	nav	nav	nav	nav
Russia	4.36	6.93	6.08	9.00	13.55	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.26	3.64	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	10.57	12.10	12.00	13.45	16.95	0.07	0.06	0.06	0.07	0.06
Turkey	1.70	2.10	1.98	2.67	3.16	nav	nav	nav	nav	nav
United Kingdom	50.05	50.95	39.90	42.40	45.04	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	136.79	154.18	148.28	153.70	184.12	0.82	0.80	0.70	0.99	3.00

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

¹ Converted at yearly average exchange rates. ² Sum or average excluding those countries for which data are not available. ³ For e-money payment transactions, total transactions during the fiscal year ending March of the following year, converted at average fiscal year exchange rates.

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				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	5.8	6.1	-11.2	15.0	5.6	5.9	2.4	4.7	4.3	2.4
Brazil	nav	nav	nav	nav	nav	19.1	15.3	11.5	22.3	18.5
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	51.1	24.5	75.0	47.2	92.1
France	9.9	-7.4	-9.7	31.7	8.5	7.8	3.4	2.2	4.8	5.7
Germany	nav	nav	nav	nav	nav	-23.2	2.6	2.8	7.1	7.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	12.9	-0.3	17.4	7.7	12.8	40.8	16.0	-2.2	17.0	-2.5
Italy	nav	nav	nav	33.8	3.6	5.2	2.2	40.0	3.9	14.3
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	-3.7	54.3	-20.8	45.8	-15.5	16.7	8.0	-0.8	11.1	18.8
Netherlands	32.3	1.7	6.0	28.1	8.3	6.2	5.8	0.1	5.3	0.0
Russia	5.9	2.4	-17.8	10.3	8.8	47.2	47.9	4.2	35.7	66.9
Saudi Arabia	nav	nav	nav	nav	nav	22.3	18.6	4.2	21.2	31.1
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	17.3	13.1
Sweden	6.5	-10.7	nav	nav	nav	5.5	6.5	nav	nav	nav
Switzerland	19.9	18.1	-4.1	6.2	-8.9	6.4	4.3	2.5	2.8	1.6
Turkey	28.0	8.5	7.9	19.3	24.4	20.1	18.1	4.4	10.6	13.0
United Kingdom	32.5	0.7	-57.6	-75.3	654.7	7.9	3.6	2.0	4.6	6.0
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	27.6	2.0	-30.3	8.6	32.9	20.5	11.4	12.6	21.3	50.4

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									
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	12.9	11.2	-1.9	9.5	17.8	-12.6	-14.4	-11.1	-17.9	-15.1
Brazil	18.8	22.8	-2.6	38.6	20.4	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	15.1	7.1	3.0	12.5	10.5	nav	nav	nav	nav	nav
Germany	nav	2.0	3.5	8.6	14.5	nav	-6.4	-5.2	-4.5	-12.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	45.7	4.0	26.6	42.7	14.7	nav	nav	nav	nav	490.8
Italy	nav	nav	nav	-88.6	33.2	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	21.0	-1.1	0.7	7.3	9.2	nav	nav	nav	nav	nav
Netherlands	1.1	11.8	-5.7	9.05	5.6	nav	nav	nav	nav	nav
Russia	39.6	36.1	2.9	30.53	37.1	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	27.3	5.6	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	12.5	0.9	-0.2	6.9	7.0	13.5	-14.6	0.5	-0.7	-28.7
Turkey	10.4	11.5	5.7	23.1	19.4	nav	nav	nav	nav	nav
United Kingdom	7.6	7.2	-9.9	4.0	-2.1	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CPSS²	20.3	8.2	-10.8	1.1	15.7	-3.7	-6.3	-13.3	-16.5	193.2

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.² Sum or average excluding those countries for which data are not available.

Table PS1
Features of selected interbank funds transfer systems
(at end-2011)

System	Type	Settlement	Owner/manager	Processing	Membership	Degree of centralisation
Australia						
RITS	L	RTGS	CB	RTT	O	C
Belgium						
TARGET2-BE	L	RTGS	CB	RTT	R	C
Clearing house	R	MN	B, CB	RTT	O	C
CEC	R	MN	B, CB	RTT	O	C
Brazil						
STR	L	RTGS	CB	RTT	O ¹	C
SITRAF	L	MN, BN, G	PA ²	RTT	O ³	C
BmfBovespa-FX	FX	MN	Other ⁴	ACH	O ⁵	C
SILOC	R	MN	PA ²	ACH	O ³	C
COMPE	R	MN	B	ACH	O ¹	C
Canada						
LVTS	L	MN	PA	RTT	O	C
ACSS	R	MN	PA	nap ¹	R ²	D
China						
HVPS	L	RTGS	CB	RTT	O	C
BEPS	R	MN	CB	RTT	O	C
France						
TARGET2-BDF ¹	L	RTGS	CB	RTT	R	C
CORE ²	R	MN	B	ACH	O	C
Germany						
TARGET2-BBk	L	RTGS	CB	RTT	O	C
RPS	R	BA	CB	ACH	O	C
Hong Kong SAR						
HKD CHATS	L, FX	RTGS	CB, B ¹	RTT	O	C
USD CHATS	L, FX	RTGS	CB, B ¹	RTT	O	C
EUR CHATS	L, FX	RTGS	CB, B ¹	RTT	O	C
RMB CHATS	L, FX	RTGS	CB, B ¹	RTT	O	C
India						
RTGS	L	RTGS	CB	RTT	R	C
Clearing House						
-Cheque Clearing	R	MN	CB, B	M, ACH	R	D
-ECS / NECS	R	MN	B, CB	M, ACH	R	D ¹ , C ²
-NEFT	R	MN	CB	ACH	R	C
Italy						
TARGET2-BDI	L	RTGS	CB	RTT	O	C
BI-COMP	R	MN	CB	ACH	O	C
Japan						
BOJ-NET	L	RTGS	CB	RTT	R	C
FXYCS	L	RTGS	B	RTT	R	C
Zengin System	R	MN	B	RTT	R	C
Tokyo Clearing House	R	MN	B	ACH	R	C
Korea						
BOK-Wire+	L	RTGS	CB	RTT	R	C
Check Clearing System	R	MN	PA	M, ACH	O	D, C
Interbank Shared Networks	R	MN	PA	RTT	O	C

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS1 (cont)

System	Type	Settlement	Owner/manager	Processing	Membership	Degree of centralisation
Mexico						
SPEI	L, R	MN	CB	RTT	O	C
CECOBAN	R	MN	B	ACH	O	C
Netherlands						
TARGET2-NL	L	RTGS	CB	RTT	R	C
Equens	R	MN, BA		ACH	R	C
Russia						
BESP System	L	RTGS	CB	RTT	R	C
VER	L, R	G	CB	RTT, ACH ¹	O	C
MER	L, R	G	CB	RTT, ACH ¹	O	C, D ²
Payments using letters of advice	L, R	G	CB	M	O	D
Saudi Arabia						
SARIE	L, R	RTGS	CB	RTT	R	C
Singapore						
MEPS+(IFT)	L	RTGS	CB	RTT	O	C
SGDCCS	R	MN	PA	ACH	O	C
USDCCS	R	MN	PA	ACH	O	C
IBG	R	MN	PA	ACH	O	C
South Africa						
SAMOS	L, R	RTGS	CB	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	C
Turkey						
TIC-RTGS	L, R	RTGS	CB	RTT	O	C
BKM	R	MN	B	RTT	O	C
ICH	R	MN	CB, B	ACH	O	D
United Kingdom						
CHAPS Euro	L	RTGS	B, CB	RTT	R	C
CHAPS Sterling	L	RTGS	B, CB	RTT	R	C
Cheque/credit	R	MN	B	ACH	R	D
BACS	R	MN	B	ACH	R	C
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

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS1 (cont)

System	Pricing	Closing time for same day transactions	Settlement finality	Cut-off third-party orders	Standard money market hours	
					opening	closing
Australia						
RITS	V	18.30 ¹ ; 20.30 ²	Real time	18.30 ¹ ; 20.30 ²	07:30	18.30 ¹ ; 20.30 ²
Belgium						
TARGET2-BE	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
Brazil						
STR	F	18:30	Real time	17:30	06:30	18:30
SITRAF	F	17:00	Intraday ⁶	17:00	nap	nap
BmfBovespa-FX	F	10:00	T+2: 14:05 ⁷	nap	nap	nap
SILOC	F	nap	T+1: 08:20; 16:10	21:59	nap	nap
COMPE	F	nap	T+1: 09:00; 17:15 ⁸	nap	nap	nap
Canada						
LVTS	F	18:30	Real time ³	18:00	nap ⁴	nap
ACSS	F	nap	nap ⁵	nap	nap	nap
China						
HVPS	F	17:30	Real time	17:00	08:30	17:00
BEPS	F	16:00	Intraday ¹	nap	nap	nap
France						
TARGET2-BDF ¹	F	18:00	Real time	17:00	07:00	18:00
CORE ²	F	13:30	15:15	nap	nap	nap
Germany						
TARGET2-BBk	F	18:00	Real time	18:00	07:00	18:00
RPS	F	09:00 ¹ ; 10:00 ² ; 13:00 ³	Intraday	nap	nap	nap
Hong Kong SAR						
HKD CHATS	F	18:30	Real time	nav	08:30	18:30
USD CHATS	F	18:30	Real time	nav	08:30	18:30
EUR CHATS	F	18:30	Real time	nav	08:30	18:30
RMB CHATS	F	18:30	Real time	nav	08:30	18:30
India						
RTGS	V	20:00	Real time	16:30	09:00	17:00
Clearing House						
-Cheque Clearing	S	19:30	T+1	nap	nap	nap
-ECS / NECS	S	17:00	T+1	nap	nap	nap
-NEFT	S	19:00	Intraday	nap	nap	nap
Italy						
TARGET2-BDI	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 ¹	19:00 ²	Real time	14:00 ⁶	08:30	19:00 ⁷
FXYS	F	19:00 ³	Real time	19:00 ³	08:30	19:00 ⁷
Zengin System	F	15:30	16:15; Real time ⁵	15:30	nap	nap
Tokyo Clearing House	F	08:00 ⁴	12:30	08:00 ⁴	nap	nap
Korea						
BOK-Wire+	F	17:30	Real time	17:30	09:00	17:30
Check Clearing System	F	16:00	T+1: 11:00; 14:00	nap	nap	nap
Interbank Shared Networks	F	18:00 ¹ ; 23:55 ² ; 14:00/17:00 ³	T+1: 11:00	nap	nap	nap

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS1 (cont)

System	Pricing	Closing time for same day transactions	Settlement finality	Cut-off third-party orders	Standard money market hours	
					opening	closing
Mexico						
SPEI	F	17:30	Real time	17:30	07:45 ¹	17:30
CECOBAN	F	nap	T+1	nap	14:00	23:00
Netherlands						
TARGET2-NL	F	18:00	Real time	17:00	07:00	18:00
Equens	F	17:00	every 30 min	15:30	nap	nap
Russia						
BESP System	S	21:00 ³	Real time	17:00 ⁴ -21:00 ^{3,5}	10:30 ^{3,6}	17:30 ^{3,6}
VER	S	17:00 ^{4,7}	Intraday	17:00 ⁴	10:30 ^{3,6}	17:30 ^{3,6}
MER	S	17:00 ^{4,8}	Intraday ⁸	17:00 ⁴	10:30 ^{3,6}	17:30 ^{3,6}
Payments using letters of advice	S	14:00 ⁹	T+2 ¹⁰ , T+5 ¹⁰	14:00 ⁹	10:30 ^{3,6}	17:30 ^{3,6}
Saudi Arabia						
SARIE	F	16:00	Real time	15:30	09:00	16:00
Singapore						
MEPS+(IFT)	V	19:00	Real time	19:00 ¹	09:00	19:00
SGDCCS	F	17:30	15:05, 18:15	nap	nap	nap
USDCCS	F	15:30	T+1: 10:30	nap	nap	nap
IBG	F	12:00	18:15	nap	nap	nap
South Africa						
SAMOS	F	24:00	Real time	nap	08:00	12:00
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 ¹	Real time	15:00	09:00	16:00
Turkey						
TIC-RTGS	F	17:30	Real time	nap	08:30	17:30
BKM	F	nap	T+1	nap	nap	nap
ICH	F	nap	T+1	nap	nap	nap
United Kingdom						
CHAPS Euro	F	17:00	Real time	16:00	07:00	16:00
CHAPS Sterling	F	16:20	Real time	16:00	07:00	16:00
Cheque/credit	F	nap	¹	nap	nap	nap
BACS	F	nap	²	nap	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

For the footnotes regarding the systems, see after Comparative Table PS4.

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)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
RITS	7.25	8.09	7.85	8.40	8.97	13.0	11.6	-3.0	7.0	6.9
Belgium										
TARGET2-BE	2.04	2.75	2.12	2.39	2.59	17.5	34.8	-22.8	12.7	8.4
Clearing house	0.47	0.43	0.24	nap	nap	-6.7	-8.3	-43.6	nav	nav
CEC	1,011.7	1,063.4	1,122.9	1,170.2	1,224.9	4.7	5.1	5.6	4.2	4.7
Brazil										
STR	10.80	10.35	10.46	12.66	17.21	1.1	-4.1	1.1	21.0	35.9
SITRAF	51.95	60.99	67.35	86.21	101.75	24.8	17.4	10.4	28.0	18.0
BmfBovespa-FX	0.064	0.065	0.056	0.051	0.044	-13.5	1.6	-13.8	-8.9	-13.7
COMPE	1,533.5	1,396.5	1,235.0	1,178.9	1,132.7	-10.3	-8.9	-11.6	-4.5	-3.9
SILOC	1,427.8	1,624.6	1,752.2	2,046.0	2,731.1	15.1	13.8	7.8	16.8	33.5
Canada										
LVTS	5.29	5.72	5.61	6.04	6.61	7.7	8.0	-1.9	7.7	9.6
China										
HVPS	171.9	214.1	248.0	291.2	372.1	21.2	24.5	15.9	17.4	27.8
BEPS	87.20	140.71	225.81	386.74	563.06	251.6	61.4	60.5	71.3	45.6
France										
TARGET2-BDF ¹	4.88	6.65	7.62	8.22	8.76	6.6	36.3	14.5	7.8	6.7
PNS ¹	6.43	0.40	nap	nap	nap	-2.8	-93.8	nav	nav	nav
CORE ²	12,303.2	12,491.3	12,737.7	12,816.6	13,177.6	1.0	1.5	2.0	0.6	2.8
Germany										
TARGET2-BBk	47.50	41.56	44.70	43.80	43.85	25.3	-12.5	7.6	-2.0	0.1
RPS	2,343.0	2,465.4	2,585.6	2,662.9	2,690.1	2.0	5.2	4.9	3.0	1.0
Hong Kong SAR										
HKD CHATS	5.50	5.59	5.16	5.36	5.60	19.6	1.7	-7.7	3.8	4.6
USD CHATS	2.12	2.47	2.62	3.15	3.52	21.8	16.3	6.0	20.5	11.8
EUR CHATS	0.040	0.054	0.063	0.091	0.098	66.7	35.0	16.7	44.4	7.7
RMB CHATS	nav	nav	nav	0.24	0.96	nav	nav	nav	nav	295.9
India										
RTGS	5.84	13.37	33.24	49.26	55.03	50.5	128.9	148.6	48.2	11.7
Cheque Clearing	1,460.6	1,397.4	1,379.1	1,387.4	1,341.9	6.8	-4.3	-1.3	0.6	-3.3
ECS / NECS	205.5	248.4	247.4	274.0	286.2	42.5	20.9	-0.4	10.8	4.5
NEFT	13.31	32.16	66.34	132.34	226.11	178.7	141.6	106.3	99.5	70.8
Italy										
TARGET2-BDI	11.50	9.50	8.66	8.68	8.65	5.0	-17.4	-8.8	0.2	-0.4
BI-COMP	1,992.0	2,024.9	2,003.9	2,041.2	2,106.1	2.3	1.6	-1.0	1.9	3.2
Japan										
BOJ-NET	6.76	8.47	12.31	12.41	12.93	21.9	25.3	45.4	0.8	4.2
FXYCS	7.75	7.54	6.21	6.35	6.33	14.5	-2.8	-17.7	2.3	-0.3
Zengin System	1,353.3	1,368.2	1,380.3	1,380.4	1,394.8	2.4	1.1	0.9	0.0	1.0
Tokyo Clearing House	40.71	36.65	31.17	28.51	26.64	-8.4	-10.0	-15.0	-8.5	-6.6
Korea										
BOK-Wire+	2.25	2.54	2.75	3.30	3.62	8.1	12.7	8.3	19.9	9.8
Check Clearing System	805.2	747.5	648.6	517.1	417.7	-0.6	-7.2	-13.2	-20.3	-19.2
Interbank Shared Networks	2,680.3	2,857.7	2,969.1	3,197.7	3,478.4	11.0	6.6	3.9	7.7	8.8

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS2 (cont)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Mexico										
SPEI	29.47	41.71	62.21	85.85	110.65	54.1	41.5	49.2	38.0	28.9
CECOBAN	184.7	178.8	164.3	158.2	154.5	-1.0	-3.2	-8.1	-3.7	-2.3
Netherlands										
TARGET2-NL	7.26	9.25	9.39	8.59	8.35	52.0	27.5	1.5	-8.4	-2.8
Equens	3,802.6	4,039.8	4,273.4	4,484.0	4,021.4	7.7	6.2	5.8	4.9	-10.3
Russia										
BESP System	nap	0.0	0.06	0.21	0.63	nap	nap	950.0	225.4	205.4
VER	676.9	752.6	748.7	819.3	898.7	18.1	11.2	-0.5	9.4	9.7
MER	154.1	184.4	192.5	238.5	287.6	27.9	19.7	4.4	23.9	20.6
Payments using letters of advice	2.85	3.06	1.66	0.91	0.71	14.0	7.4	-45.7	-45.1	-22.0
Saudi Arabia										
SARIE	23.79	29.88	30.95	33.57	42.83	17.4	25.6	3.6	8.5	27.6
Singapore										
MEPS+(IFT)	3.46	3.78	3.69	4.02	4.40	29.1	9.2	-2.4	8.9	9.5
SGDCCS	84.87	82.51	78.24	77.37	75.81	1.8	-2.8	-5.2	-1.1	-2.0
USDCCS	0.94	0.96	0.90	0.96	0.96	6.8	2.1	-6.2	7.0	0.1
IBG	80.70	81.58	84.30	91.83	92.66	3.7	1.1	3.3	8.9	0.9
South Africa										
SAMOS - large	2.17	2.52	2.62	3.14	4.10	22.3	16.4	3.7	19.8	30.7
SAMOS - retail ¹	0.21	0.23	0.25	0.28	0.29	21.3	11.7	8.3	10.9	4.4
Sweden										
E-RIX	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
K-RIX	1.95	2.01	2.58	2.96	3.46	14.4	3.3	28.4	14.7	16.9
Bankgirot	620.5	670.9	697.7	751.0	791.1	12.0	8.1	4.0	7.6	5.3
Dataclearing	92.00	99.00	104.10	110.00	125.50	9.5	7.6	5.2	5.7	14.1
Switzerland										
SIC	356.8	371.6	381.7	394.7	402.5	12.5	4.2	2.7	3.4	2.0
Turkey										
TIC-RTGS	106.07	119.31	129.45	142.22	166.69	13.9	12.5	8.5	9.9	17.2
BKM	727.8	826.1	897.7	1,037.4	1,221.9	10.2	13.5	8.7	15.6	17.8
ICH	24.89	23.16	19.31	18.67	18.21	5.6	-6.9	-16.6	-3.3	-2.5
United Kingdom										
CHAPS Euro	5.71	0.59	nav	nav	nav	2.5	-89.7	nav	nav	nav
CHAPS Sterling	35.58	34.59	31.91	32.15	34.02	7.7	-2.8	-7.8	0.7	5.8
Cheque/credit	98.4	96.6	82.2	70.0	62.4	-11.1	-1.9	-14.9	-14.8	-10.8
BACS	2,580.5	2,578.7	2,489.6	2,443.2	2,394.6	3.1	-0.1	-3.5	-1.9	-2.0
United States										
CHIPS	87.35	92.00	84.84	90.90	95.06	12.2	5.3	-7.8	7.1	4.6
Fedwire	134.7	131.4	124.7	125.1	127.0	0.8	-2.5	-5.0	0.3	1.5
European Union										
TARGET	99.08	89.02	87.84	87.18	88.88	18.9	-10.1	-1.3	-0.8	1.9
EURO1 / STEP1	54.35	64.19	58.29	59.37	62.32	13.9	18.1	-9.2	1.9	5.0
STEP2 XCT Service ³	91.31	73.17	54.24	46.48	32.78	38.4	-19.9	-25.9	-14.3	-29.5
STEP2 ICT Service ⁴	220.5	265.2	286.9	301.6	308.0	nav	20.3	8.2	5.1	2.1
STEP2 SCT Service ⁵	nav	45.10	89.02	176.56	439.38	nav	nav	97.4	98.3	148.9
<i>Memo:</i>										
CLS³	90.26	134.43	150.09	198.11	206.86	46.7	48.9	11.6	32.0	4.4

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS3

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

(total for the year)

System	Value of transactions (USD billions except as noted) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
RITS	38,347.5	40,358.4	33,471.1	39,176.0	44,834.8	5,292.3	4,991.1	4,265.6	4,665.8	4,995.6
Belgium										
TARGET2-BE	36,453.5	39,682.5	28,979.7	26,723.9	30,816.1	17,884.4	14,445.8	13,663.2	11,176.9	11,893.5
Clearing house	67.2	64.6	30.0	nav	nav	143.0	149.9	123.5	nav	nav
CEC	1,021.9	1,174.9	1,119.5	1,120.5	1,232.8	1.0	1.1	1.0	1.0	1.0
Brazil										
STR	54,989.7	59,991.5	70,817.2	75,211.1	92,272.2	5,093.5	5,794.6	6,768.3	5,940.4	5,361.5
SITRAF	2,094.4	2,786.4	2,652.4	3,581.8	2,650.9	40.3	45.7	39.4	41.5	26.1
BmfBovespa-FX	702.6	765.2	637.0	749.9	618.1	10,977.8	11,772.3	11,374.6	14,703.1	14,048.8
COMPE	508.0	575.2	504.3	626.3	670.8	0.3	0.4	0.4	0.5	0.6
SILOC	373.2	464.3	462.4	605.0	758.1	0.3	0.3	0.3	0.3	0.3
Canada										
LVTS	42,876.8	43,092.2	33,885.3	36,562.0	40,003.0	8,099.1	7,538.9	6,044.5	6,058.3	6,050.1
China										
HVPS	72,331	93,568	117,744	163,127	209,750	420.8	437.1	474.7	560.2	563.7
BEPS	2,984.47	748.01	1,678.66	2,394.75	2,841.71	34.2	5.3	7.4	6.2	5.0
France										
TARGET2-BDF ¹	198,527	149,131	130,406	124,456	142,233	40,665.1	22,412.2	17,115.9	15,146.1	16,229.2
PNS ¹	22,257.8	1,091.7	nav	nav	nav	3,462.1	2,742.9	nav	nav	nav
CORE ²	7,084.0	7,698.5	6,961.3	6,773.4	7,470.9	0.6	0.6	0.5	0.5	0.6
Germany										
TARGET2-BBK	317,934	323,884	238,260	342,119	351,659	6,693.3	7,792.8	5,330.2	7,810.9	8,019.6
RPS	3,094.8	3,448.7	3,192.5	3,042.8	3,354.2	1.3	1.4	1.2	1.1	1.2
Hong Kong SAR										
HKD CHATS	27,784.6	24,706.7	16,982.4	17,452.2	17,103.2	5,052.7	4,419.0	3,292.4	3,258.4	3,053.0
USD CHATS	2,127.4	2,537.2	2,147.2	2,724.9	3,503.1	1,003.0	1,028.5	820.8	864.8	994.1
EUR CHATS	412.9	272.0	214.4	191.9	196.0	10,321.9	5,037.0	3,403.2	2,108.9	2,000.4
RMB CHATS	nav	nav	nav	185.6	4,386.3	nav	nav	nav	763.8	4,559.6
India										
RTGS	6,615.7	7,434.8	8,151.4	10,602.7	11,604.4	1,132.6	556.1	245.2	215.2	210.9
Cheque Clearing	3,244.1	2,871.9	2,149.1	2,216.0	2,130.5	2.221	2.055	1.558	1.597	1.588
ECS / NECS	201.28	37.88	38.66	55.83	57.48	0.980	0.152	0.156	0.204	0.201
NEFT	33.98	58.03	84.61	205.36	385.23	2.553	1.804	1.275	1.552	1.704
Italy										
TARGET2-BDI	57,635.2	60,170.6	44,844.5	43,726.6	45,955.6	5,013.9	6,336.4	5,178.3	5,037.0	5,315.2
BI-COMP	4,618.7	5,044.6	4,303.6	4,032.2	4,307.8	2.3	2.5	2.1	2.0	2.0
Japan										
BOJ-NET	250,381	285,589	291,305	291,496	311,549	37,027.7	33,713.7	23,656.4	23,485.0	24,093.2
FXYS	47,825.9	50,080.2	33,957.5	32,859.0	35,399.2	6,168.7	6,642.8	5,470.8	5,175.5	5,591.4
Zengin System	22,312.5	25,974.4	25,703.4	28,266.8	32,204.2	16.5	19.0	18.6	20.5	23.1
Tokyo Clearing House	2,692.7	2,884.0	2,782.4	3,117.3	3,522.2	66.1	78.7	89.3	109.3	132.2
Korea										
BOK-Wire+	39,632.6	39,023.4	36,020.1	43,729.9	46,470.8	17,585.4	15,360.3	13,088.1	13,249.3	12,828.1
Check Clearing System	4,723.4	4,673.9	4,247.3	4,999.7	5,217.0	5.9	6.3	6.5	9.7	12.5
Interbank Shared Networks	7,799.6	7,568.9	7,397.7	9,286.2	11,194.9	2.9	2.6	2.5	2.9	3.2

For the footnotes regarding the systems, see after Comparative Table PS4.

¹ Converted at yearly average exchange rates.

Table PS3 (cont)

System	Value of transactions (USD billions except as noted) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Mexico										
SPEI	12,391.0	12,969.4	9,512.3	12,115.2	14,396.5	420.4	310.9	152.9	141.1	130.1
CECOBAN	391.3	405.9	293.8	293.9	303.7	2.1	2.3	1.8	1.9	2.0
Netherlands										
TARGET2-NL	53,434	86,153	88,577	102,476	110,129	7,365.2	9,315.8	9,437.1	11,924.2	13,189.1
Equens	2,815.2	2,946.4	2,719.6	2,652.5	2,850.2	0.7	0.7	0.6	0.6	0.7
Russia										
BESP System	nap	83.05	3,365.00	4,192.96	7,591.90	nap	13,842.3	53,412.8	20,453.4	12,127.6
VER	14,665.4	17,065.4	13,659.2	14,656.1	20,460.4	21.7	22.7	18.2	17.9	22.8
MER	2,720.8	3,573.2	2,197.5	2,678.8	3,147.8	17.7	19.4	11.4	11.2	10.9
Payments using letters of advice	44.23	89.32	28.03	23.75	11.59	15.5	29.2	16.9	26.0	16.3
Saudi Arabia										
SARIE	8,979.8	9,565.3	16,324.5	14,789.4	14,505.4	377.4	320.1	527.5	440.6	338.7
Singapore										
MEPS+(IFT)	11,516.2	13,476.8	11,418.4	12,090.9	13,855.6	3,328.4	3,565.3	3,094.4	3,007.7	3,149.0
SGDCCS	415.9	409.3	368.4	443.2	494.9	4.9	5.0	4.7	5.7	6.5
USDCCS	31.24	36.92	33.59	42.97	49.35	33.2	38.5	37.3	44.6	51.2
IBG	123.23	150.44	149.65	180.83	215.54	1.5	1.8	1.8	2.0	2.3
South Africa										
SAMOS - large	9,889.4	10,462.8	8,464.4	9,780.9	10,563.0	4,559.4	4,145.3	3,234.4	3,118.9	2,576.3
SAMOS - retail	826.9	782.1	743.4	915.3	999.2	nav	nav	nav	nav	nav
Sweden										
E-RIX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
K-RIX	18,180.5	20,736.4	22,834.7	19,062.8	17,456.7	9,347.3	10,316.6	8,850.6	6,440.1	5,045.3
Bankgirot	989.3	1,080.7	914.4	1,045.2	1,263.3	1.6	1.6	1.3	1.4	1.6
Dataclearing	319.4	342.0	292.4	336.2	398.8	3.5	3.5	2.8	3.1	3.2
Switzerland										
SIC	43,567.7	53,581.6	52,354.6	49,702.1	70,802.0	122.1	144.2	137.2	125.9	175.9
Turkey										
TIC-RTGS	13,861.7	16,953.0	15,321.3	16,620.7	23,539.6	130.69	142.09	118.35	116.86	141.22
BKM	49.66	63.37	60.84	73.66	81.42	0.07	0.08	0.07	0.07	0.07
ICH	169.39	181.20	129.78	151.97	164.91	6.81	7.82	6.72	8.14	9.06
United Kingdom										
CHAPS Euro	64,179.6	9,588.2	nav	nav	nav	11,234.0	16,251.2	nav	nav	nav
CHAPS Sterling	135,836	132,225	92,892	87,561	102,393	3,818.0	3,822.2	2,911.1	2,723.6	3,009.4
Cheque/credit	2,501.0	2,133.5	1,470.3	1,264.3	1,166.1	25.4	22.1	17.9	18.1	18.7
BACS	7,388.8	7,231.3	6,018.1	6,266.5	6,994.1	2.9	2.8	2.4	2.6	2.9
United States										
CHIPS	485,624	508,759	364,355	365,096	403,349	5,559.8	5,530.0	4,294.4	4,016.5	4,243.2
Fedwire	670,666	754,975	631,127	608,326	663,838	4,979.4	5,747.3	5,059.9	4,862.7	5,226.2
European Union										
TARGET	923,700	894,126	745,569	835,384	906,309	9,323.1	10,043.8	8,487.8	9,582.5	10,197.3
EURO1 / STEP1	79,714	107,427	90,693	82,300	89,015	1,466.7	1,673.6	1,555.9	1,386.2	1,428.4
STEP2 XCT Service ³	493.8	460.7	311.8	270.1	217.3	5.4	6.3	5.7	5.8	6.6
STEP2 ICT Service ⁴	1,361.8	1,909.9	1,659.4	1,628.6	1,722.9	6.2	7.2	5.8	5.4	5.6
STEP2 SCT Service ⁵	nav	431.2	721.0	1,254.9	2,196.4	nav	9.6	8.1	7.1	5.0
<i>Memo:</i>										
CLS³	930.2	1,027.6	877.0	1,073.0	1,240.3	10,306.3	7,643.7	5,843.2	5,416.3	5,995.6

For the footnotes regarding the systems, see after Comparative Table PS4.

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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
RITS	16.1	0.4	-13.3	-1.2	-1.8	4,028.0	3,842.3	3,348.9	3,144.9	2,989.6
Belgium										
TARGET2-BE	34.7	-2.6	-23.2	-5.3	6.0	7,932.5	7,830.5	6,114.0	5,672.1	5,992.7
Clearing house	-1.7	-13.9	-51.2	nav	nav	14.6	12.8	6.3	nav	nav
CEC	9.6	2.9	0.2	2.8	1.2	222.4	231.8	236.2	237.8	239.7
Brazil										
STR	5.0	-2.8	22.8	-11.5	9.7	4,025.6	3,635.5	4,358.2	3,509.7	3,729.6
SITRAF	24.8	18.5	-1.0	12.5	-33.9	153.3	168.9	163.2	167.1	107.1
BmfBovespa-FX	36.5	-3.0	-13.4	-1.9	-26.3	51.4	46.4	39.2	35.0	25.0
COMPE	-3.8	0.8	-8.8	3.5	-4.3	37.2	34.9	31.0	29.2	27.1
SILOC	10.8	10.8	3.6	9.0	12.0	27.3	28.1	28.5	28.2	30.6
Canada										
LVTS	8.1	-2.6	-16.0	-4.4	2.1	3,012.8	2,864.9	2,530.8	2,317.9	2,299.3
China										
HVPS	84.3	13.4	26.5	33.0	16.4	2,071.1	2,038.7	2,397.3	2,817.4	2,874.0
BEPS	2,863.9	-78.0	125.5	36.9	7.5	85.5	16.3	34.2	41.4	38.9
France										
TARGET2-BDF ¹	5.6	-31.9	-8.1	-1.4	6.3	7,688.9	5,272.7	4,971.8	4,855.9	5,123.5
PNS ¹	7.7	-95.6	nav	nav	nav	862.0	38.6	nav	nav	nav
CORE ²	1.3	-1.5	-5.0	0.5	2.6	274.4	272.2	265.4	264.3	269.1
Germany										
TARGET2-BBk	50.7	-7.3	-22.8	49.2	-4.6	9,566.9	8,948.8	7,214.1	10,359.6	9,755.3
RPS	0.8	1.4	-2.9	-0.9	2.3	93.1	95.3	96.7	92.1	93.0
Hong Kong SAR										
HKD CHATS	47.8	-14.9	-31.9	0.6	-6.8	13,130.9	11,267.2	7,934.0	7,627.2	6,879.5
USD CHATS	33.5	14.1	-16.2	24.2	22.3	1,005.4	1,157.1	1,003.2	1,190.9	1,409.1
EUR CHATS	18.5	-37.0	-21.9	-12.4	-2.8	195.1	124.0	100.2	83.9	78.9
RMB CHATS	nav	nav	nav	nav	2,148.6	nav	nav	nav	81.1	1,764.3
India										
RTGS	41.0	12.7	16.6	9.7	2.2	547.9	578.2	611.0	631.8	609.0
Cheque Clearing	6.1	-11.2	-20.4	-13.0	-10.2	268.7	223.4	161.1	132.1	111.8
ECS / NECS	629.5	-81.1	8.6	21.8	-3.9	16.7	2.9	2.9	3.3	3.0
NEFT	72.9	71.3	55.1	104.7	75.1	2.8	4.5	6.3	12.2	20.2
Italy										
TARGET2-BDI	9.3	-5.7	-22.2	0.9	-2.8	2,709.9	2,611.0	2,121.6	2,128.1	2,092.3
BI-COMP	-2.3	-1.3	-10.9	-3.1	-1.2	217.2	218.9	203.6	196.2	196.1
Japan										
BOJ-NET	16.2	-1.2	-6.5	-5.5	-2.6	5,748.5	5,894.2	5,783.7	5,300.0	5,276.2
FXYES	27.3	-9.3	-37.8	-8.6	-1.8	1,098.0	1,033.6	674.2	597.4	599.5
Zengin System	6.2	0.9	-9.3	3.9	3.8	512.3	536.1	510.3	514.0	545.4
Tokyo Clearing House	-2.9	-7.2	-11.6	5.8	3.0	61.8	59.5	55.2	56.7	59.6
Korea										
BOK-Wire+	12.5	11.6	3.9	6.8	-2.1	3,777.0	4,191.8	4,316.8	4,309.6	4,162.4
Check Clearing System	13.9	12.1	2.3	3.5	-3.8	450.1	502.1	509.0	492.7	467.3
Interbank Shared Networks	16.5	10.0	10.1	10.4	11.1	743.3	813.0	886.6	915.2	1,002.7

For the footnotes regarding the systems, see after Comparative Table PS4.

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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Mexico										
SPEI	11.5	1.5	-15.5	14.4	13.0	1,196.0	1,185.9	1,076.5	1,169.6	1,247.4
CECOBAN	2.4	0.6	-16.6	-10.2	-1.7	37.8	37.1	33.3	28.4	26.3
Netherlands										
TARGET2-NL	20.1	47.5	7.1	20.5	-0.2	6,829.2	9,905.3	11,109.4	13,156.7	13,157.7
Equens	-4.5	-4.2	-3.8	1.6	-0.2	359.8	338.8	341.1	340.6	340.5
Russia										
BESP System	nap	nap	4,655.8	9.8	65.0	nap	5.0	274.7	281.8	408.2
VER	55.4	-0.4	-6.0	-5.5	27.2	1,128.0	1,025.6	1,115.1	985.1	1,100.2
MER	22.0	12.4	-27.8	7.4	7.1	209.3	214.8	179.4	180.1	169.3
Payments using letters of advice	-5.9	72.9	-63.2	-25.4	-55.5	3.4	5.4	2.3	1.6	0.6
Saudi Arabia										
SARIE	133.8	-3.1	62.4	-14.0	-6.6	2,334.3	2,008.2	4,333.6	3,243.8	2,429.4
Singapore										
MEPS+(IFT)	28.8	3.1	-13.4	-3.5	0.5	6,494.2	7,115.8	6,228.2	5,318.1	5,333.2
SGDCCS	31.3	-13.3	-8.0	9.7	-2.1	234.5	216.1	200.9	194.9	190.5
USDCCS	3.9	4.1	-7.0	16.6	0.7	17.6	19.5	18.3	18.9	19.0
IBG	19.5	7.5	1.6	10.2	4.5	69.5	79.4	81.6	79.5	83.0
South Africa										
SAMOS - large	12.1	13.0	-22.2	-3.1	0.8	3,460.0	3,816.1	2,977.9	2,690.9	2,584.6
SAMOS - retail	6.8	1.0	-8.6	3.2	1.9	289.3	285.3	261.5	251.8	244.5
Sweden										
E-RIX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
K-RIX	-3.1	7.6	25.4	-22.8	-18.6	3,930.7	4,263.0	5,620.5	4,115.9	3,239.0
Bankgirot	12.3	3.0	-3.7	5.7	7.5	213.9	222.2	225.1	225.7	234.4
Dataclearing	16.8	1.0	-2.7	6.4	5.5	69.1	70.3	72.0	72.6	74.0
Switzerland										
SIC	15.8	8.4	-1.6	-9.4	20.9	9,667.9	10,221.6	10,250.5	9,022.8	10,699.8
Turkey										
TIC-RTGS	10.6	10.3	1.5	-1.1	42.7	2,139.6	2,305.9	2,488.4	2,269.5	3,028.5
BKM	15.1	15.1	7.9	10.4	11.3	7.7	8.6	9.9	10.1	10.5
ICH	8.0	-3.5	-19.5	6.7	9.3	26.1	24.6	21.1	20.8	21.2
United Kingdom										
CHAPS Euro	8.6	-86.5	nav	nav	nav	3,321.2	454.8	nav	nav	nav
CHAPS Sterling	13.7	2.5	-19.2	-7.7	7.8	4,806.5	5,001.7	4,245.1	3,867.6	4,227.1
Cheque/credit	-3.6	-10.2	-20.7	-15.8	-15.0	88.5	80.7	67.2	55.8	48.1
BACS	5.3	3.0	-4.3	1.9	2.9	261.4	273.5	275.0	276.8	288.7
United States										
CHIPS	20.1	1.0	-28.0	-1.2	7.5	3,461.7	3,559.9	2,607.4	2,518.1	2,675.5
Fedwire	14.3	8.6	-16.0	-4.9	6.2	4,780.7	5,282.7	4,516.6	4,195.7	4,403.4
European Union⁶										
TARGET	22.5	-12.3	-12.5	15.9	0.5	7,488.2	6,622.6	6,011.3	6,903.0	6,932.3
EURO1 / STEP1	18.2	22.1	-11.5	-6.1	0.2	646.2	795.7	731.2	680.1	680.9
STEP2 XCT Service ³	32.0	-15.5	-29.0	-10.4	-25.5	4.0	3.4	2.5	2.2	1.7
STEP2 ICT Service ⁴	nav	27.0	-8.9	1.5	-2.0	11.0	14.1	13.4	13.5	13.2
STEP2 SCT Service ⁵	nav	nav	75.4	80.1	62.1	nav	3.2	5.8	10.4	16.8

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS4
Participation in selected interbank funds transfer systems
(end of year)

System	Total number of participants					of which: direct participants				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
RITS	63	68	70	71	82	58	62	61	62	60
Belgium										
TARGET2-BE	88	51	50	47	48	16	9	10	11	12
Clearing house	79	73	73	nap	nap	24	24	24	nap	nap
CEC	81	76	76	75	74	21	20	20	19	18
Brazil										
STR	136	139	136	151	171	136	139	136	151	171
SITRAF	96	95	89	96	98	96	95	89	96	98
BmfBovespa-FX	75	73	70	71	70	75	73	70	71	70
COMPE	131	135	132	131	137	131	135	132	131	137
SILOC	114	116	120	125	122	114	116	120	125	122
Canada										
LVTS	87	85	88	87	87	15	15	15	16	16
China										
HVPS	70,589	80,516	89,028	99,022	109,597	1,494	1,584	1,664	1,724	1,747
BEPS	70,444	80,371	88,882	99,004	109,509	1,492	1,582	1,661	1,723	1,754
France										
TARGET2-BDF ¹	118	277	293	306	308	88	65	83	83	89
PNS ¹	50	nap	nap	nap	nap	16	nap	nap	nap	nap
CORE ²	564	424	423	421	402	12	12	11	11	10
Germany										
TARGET2-BBk	2,928	2,891	2,787	2,730	2,745	188	203	184	219	280
RPS	237	256	223	221	212	237	256	223	221	212
Hong Kong SAR										
HKD CHATS	136	142	141	141	146	136	142	141	141	146
USD CHATS	231	226	229	224	219	74	76	80	81	90
EUR CHATS	48	50	50	50	52	28	30	30	31	33
RMB CHATS	nav	nav	nav	96	158	nav	nav	nav	96	158
India										
RTGS	105	106	119	120	128	105	106	119	120	128
Cheque Clearing	115	115	211	212	209	115	115	115	115	117
ECS / NECS	nav	114	117	117	117	nav	114	117	117	117
NEFT	85	89	95	100	116	85	89	95	100	116
Italy										
TARGET2-BDI	783	480	479	462	441	110	95	100	102	101
BI-COMP	817	339	338	nav	nav	124	123	115	89	89
Japan										
BOJ-NET	577	568	560	555	554	577	568	560	555	554
FXYCS	217	215	212	207	208	29	27	27	29	29
Zengin System	1,491	1,428	1,396	1,372	1,371	146	145	144	141	142
Tokyo Clearing House	343	334	329	323	323	105	105	105	105	105
Korea										
BOK-Wire+	123	130	130	129	133	123	130	130	129	133
Check Clearing System	23	26	27	27	27	23	26	27	27	27
Interbank Shared Networks	29	30	55	56	56	29	30	55	56	56

For the footnotes regarding the systems, see after this table.

Table PS4 (cont)

System	Total number of participants					of which: direct participants				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Mexico										
SPEI	67	77	81	85	89	67	77	81	85	89
CECOBAN	23	23	26	27	28	23	23	26	27	28
Netherlands										
TARGET2-NL	132	102	103	99	100	90	60	61	55	54
Equens	57	56	53	48	47	57	56	53	48	44
Russia										
BESP System	nap	739	1,155	3,343	3,248	nap	739	1,155	3,343	3,248
VER	4,087	4,123	3,948	3,738	3,590	4,087	4,123	3,948	3,738	3,590
MER	4,087	4,123	3,940	3,738	3,594	4,087	4,123	3,940	3,738	3,594
Payments using letters of advice	4,203	4,143	3,957	608	543	4,203	4,143	3,957	608	543
Saudi Arabia										
SARIE	18	20	20	21	23	18	20	20	21	23
Singapore										
MEPS+(IFT)	118	119	135	135	136	58	60	63	64	64
SGDCCS	63	61	63	64	64	34	34	34	34	34
USDCCS	44	45	46	47	48	31	32	31	31	32
IBG	42	38	43	45	45	35	31	37	33	39
South Africa										
SAMOS - large	22	22	24	24	24	22	22	24	24	24
SAMOS - retail	21	21	23	23	23	21	21	23	23	23
Sweden										
E-RIX	21	21	23	24	25	21	21	23	24	25
K-RIX	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Bankgirot	19	19	20	20	20	19	19	20	20	20
Dataclearing	19	19	20	20	20	19	19	20	20	20
Switzerland										
SIC	346	356	376	377	380	346	356	376	377	380
Turkey										
TIC-RTGS	48	48	48	48	47	48	48	48	48	47
BKM	27	28	28	28	27	27	28	28	28	27
ICH	42	41	40	41	40	42	41	40	41	40
United Kingdom										
CHAPS Euro	nav	nav	nav	nav	nav	13	0	nav	nav	nav
CHAPS Sterling	nav	nav	nav	nav	nav	15	15	15	18	18
Cheque/credit	nav	nav	nav	nav	nav	12	12	12	10	11
BACS	65,015	63,515	60,615	62,616	63,415	15	15	15	16	15
United States										
CHIPS	45	47	48	50	52	nav	nav	nav	nav	nav
Fedwire ^{6,7}	7,409	7,292	7,329	8,323	8,357	nav	nav	nav	nav	nav
European Union										
TARGET	4,751	4,568	4,554	4,508	4,478	1,055	941	989	1,054	1,100
EURO1 / STEP1	312	316	283	274	259	312	316	283	274	259
STEP2 XCT Service ³	1,792	1,802	1,818	1,789	1,673	108	106	106	103	97
STEP2 ICT Service ⁴	57	65	78	76	73	9	8	7	6	6
STEP2 SCT Service ⁵	nav	4,147	4,472	4,638	4,669	nav	114	117	124	123
<i>Memo:</i>										
CLS	57	57	60	59	61	55	55	58	57	59

For the footnotes regarding the systems, see after this table.

Table PS4 (cont)

System	Concentration ratio in terms of volume (in %)					Concentration ratio in terms of value (in %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
RITS	72.7	72.9	73.4	72.5	70.8	62.3	62.4	61.8	62.7	61.8
Belgium										
TARGET2-BE	84.0	90.0	92.8	91.0	91.8	91.0	93.3	89.4	92.0	92.3
Clearing house	84.1	83.9	82.1	nap	nap	88.5	88.0	86.1	nap	nap
CEC	81.7	81.8	81.4	82.2	85.0	82.4	82.6	82.2	83.2	84.6
Brazil										
STR	36.4	34.2	32.6	36.6	40.3	44.0	47.0	56.0	54.1	54.1
SITRAF	54.7	59.0	58.9	63.2	72.1	72.2	73.7	72.9	76.6	77.4
BmfBovespa-FX	nav	nav	nav	44.4	47.5	nav	nav	nav	51.7	58.2
COMPE	66.9	68.8	70.4	71.5	79.8	67.9	70.0	71.2	72.2	79.6
SILOC	67.2	69.8	71.8	76.6	82.7	65.4	68.1	69.9	75.4	83.0
Canada										
LVTS	83.0	82.5	81.4	81.4	80.8	76.8	75.8	74.2	75.1	74.3
China										
HVPS	61.7	62.0	61.0	58.0	57.5	54.9	46.2	46.9	42.5	40.6
BEPS	66.4	63.1	63.2	62.4	60.9	98.6	66.5	59.0	47.6	48.0
France										
TARGET2-BDF ¹	47.0	53.3	53.9	51.9	53.0	58.2	61.9	61.6	60.8	64.2
PNS ¹	66.2	62.5	nap	nap	nap	68.9	69.4	nap	nap	nap
CORE ²	68.3	69.2	67.8	80.1	73.4	64.8	67.3	74.6	80.6	81.0
Germany										
TARGET2-BBk	48.6	49.7	54.2	50.5	50.0	62.4	34.8	31.2	34.3	33.1
RPS	28.8	29.5	31.7	31.6	31.5	16.3	12.3	14.6	14.0	18.1
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
RMB CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India										
RTGS	40.0	41.0	33.0	40.6	45.1	47.0	46.2	46.0	44.4	42.5
Cheque Clearing	73.2	67.7	65.8	60.4	53.6	92.8	96.1	93.8	88.6	81.8
ECS / NECS	10.3	12.0	11.8	11.9	11.4	5.8	1.3	1.7	2.2	2.2
NEFT	0.7	1.6	3.2	5.8	9.1	1.0	1.9	3.7	8.2	14.8
Italy										
TARGET2-BDI	48.9	59.1	55.3	42.9	44.0	50.7	52.8	57.7	56.5	56.5
BI-COMP	46.0	54.3	52.0	49.0	51.7	43.9	50.4	52.0	53.8	57.0
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
Korea										
BOK-Wire+	28.9	29.7	29.6	30.4	30.0	35.7	37.6	35.9	36.3	34.5
Check Clearing System	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Interbank Shared Networks	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

For the footnotes regarding the systems, see after this table.

Table PS4 (cont)

System	Concentration ratio in terms of volume (in %)					Concentration ratio in terms of value (in %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Mexico										
SPEI	83.8	80.4	80.8	80.1	78.4	77.1	72.3	68.7	66.8	66.0
CECOBAN	84.9	83.1	82.5	82.2	83.5	75.4	72.6	75.8	83.5	80.6
Netherlands										
TARGET2-NL	0.6	0.5	0.6	0.6	0.7	0.7	0.5	0.5	0.4	0.4
Equens	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
Russia										
BESP System	nap	71.4	63.6	91.4	18.1	nap	97.0	98.0	48.0	73.0
VER	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
MER	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Payments using letters of advice	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Saudi Arabia										
SARIE	77.9	80.1	79.9	78.1	78.9	66.0	68.2	81.4	79.5	76.6
Singapore										
MEPS+(IFT)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
SGDCCS	88.2	87.8	88.3	88.2	88.3	83.6	82.3	86.0	83.7	83.3
USDCCS	74.4	74.5	76.1	76.4	76.5	69.5	70.1	74.5	70.0	71.1
IBG	87.3	86.4	87.1	87.5	86.9	80.1	80.2	81.7	81.6	81.4
South Africa										
SAMOS - large	87.1	89.9	88.7	89.5	91.7	84.9	84.4	84.9	86.3	86.6
SAMOS - retail	63.9	65.1	64.7	63.6	62.6	97.2	96.9	96.6	96.1	95.3
Sweden										
E-RIX	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
K-RIX	86.5	87.0	87.5	86.5	87.5	78.2	78.9	79.7	77.2	79.6
Bankgirot	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Dataclearing	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Switzerland										
SIC	62.4	62.3	62.0	61.1	61.8	68.2	67.3	73.2	74.0	78.8
Turkey										
TIC-RTGS	57.5	59.8	60.6	59.6	58.4	64.3	62.9	64.4	61.5	67.5
BKM	77.1	75.0	71.3	64.4	63.5	71.5	68.5	65.3	66.1	66.2
ICH	50.8	44.0	51.9	55.0	54.6	52.1	51.3	45.5	54.9	53.1
United Kingdom										
CHAPS Euro	74.0	70.0	nav	nav	nav	80.0	77.0	nav	nav	nav
CHAPS Sterling	79.0	79.0	79.0	76.0	73.0	77.0	75.0	74.0	70.0	67.0
Cheque/credit	75.0	75.0	75.0	75.0	77.0	77.0	77.0	77.0	79.0	86.0
BACS	79.0	76.0	78.0	80.0	80.0	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	21.4	nav	nav	nav	nav	20.4	16.0	14.6	15.6	15.6
EURO1 / STEP1	30.5	29.8	30.7	30.1	30.5	46.1	45.4	46.7	48.5	51.4
STEP2 XCT Service ³	27.0	29.5	34.9	36.8	43.4	25.1	28.8	30.2	28.8	38.3
STEP2 ICT Service ⁴	91.9	96.2	99.3	99.9	99.9	85.0	96.1	99.2	99.9	99.9
STEP2 SCT Service ⁵	nav	37.0	25.2	30.7	51.0	nav	29.6	22.5	27.3	29.0

For the footnotes regarding the systems, see after this table.

Footnotes for Tables PS1–4

Australia: ¹ Australian eastern standard time. ² Australian eastern daylight-saving time.

Brazil: ¹ Any financial institution holding a reserve account or a settlement account at the Central Bank of Brazil. ² The system is owned by CIP, a non-for-profit association owned by banks. ³ Any bank holding a reserve account at the Central Bank of Brazil. ⁴ The system is owned by BMFBOVESPA, which is a for-profit company. ⁵ Any bank authorised by the Central Bank of Brazil to carry out FX transactions and holding a reserve account at the Central Bank of Brazil. ⁶ Payments become final at the moment settlement is completed by the system, which occurs throughout the day. ⁷ T and T+1 are also possible, but the relevant volume and value are very low. ⁸ The time of settlement finality depends on the value of the cleared documents.

Canada: ¹ Not all payment categories process in real-time. ² To become a direct clearer, an institution must process payment items volume of at least 0.5% of the total national volume of payment items. ³ Final settlement occurs at 18:30. However, due to the risk controls and legal framework in place, the LVTS provides real-time settlement finality on a payment by payment basis. ⁴ No standard hours. ⁵ ACSS does not legally support settlement finality, however, settlement entries in accounts at the central bank are considered final.

China: ¹ Payment orders are submitted for settlement during the day at the designated time.

France: ¹ Since 18 February 2008, TBF (the French component of TARGET) and PNS have been replaced by TARGET2-Banque de France, the single French large value payment system. ² Launched on 28 January 2008, CORE progressively replaced the former retail payment infrastructure SIT, closed on 25 October 2008.

Germany: ¹ For legacy credit transfers, legacy direct debits and BSE cheque collection procedure. Payments submitted after 09:00 are settled on the next banking business day. ² For SEPA direct debits and ISE cheque collection procedure. ISE payments submitted after 10:00 are settled on the next banking business day. SEPA direct debit payments are settled on the individual interbank settlement date of the relevant transaction. ³ For SEPA credit transfers. Payments submitted after 13:00 are settled on the next banking business day.

Hong Kong SAR: ¹ Hong Kong Interbank Clearing Limited is the system operator of HKD CHATS, USD CHATS, EUR CHATS and RMB CHATS in Hong Kong. It is jointly owned by the Hong Kong Monetary Authority and the Hong Kong Association of Banks. ² The money market in Hong Kong can operate any time in a day but for same day settlement in Hong Kong, a transaction has to be submitted to one of the CHATS for processing between 08:30 and 18:30.

India: ¹ For ECS. ² For NECS.

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 Processing costs of transfer orders are recovered from the participants, but development and maintenance costs of BOJ-NET are covered by the Bank of Japan. ² Cut-off time is extended to 19:00 only for participants approved by the Bank of Japan for the use of extended operating hours between 17:00 and 19:00. ³ According to the guideline of FXYCS, all payments except CLS payments are submitted to the system by 14:00. ⁴ Cut-off time for bills and cheques sorted by banks. Bills and cheques for sorting at TCH must be submitted by 21:00 of the day before the value date. ⁵ Large-value payments (equal to or larger than 100 million yen) are routed to BOJ-NET for real time settlement. ⁶ With the consent of the receiving bank, third party orders may be entered for same day settlement until the cut-off time of the system. ⁷ 19:00 for market participants with access to the extended operating hours of BOJ-NET.

Korea: ¹ For Interbank Funds Transfer System. ² For CD/ATM System and Electronic Banking System. ³ For CMS System.

Mexico: ¹ SPEI opens at 19:00 of the previous day, and mostly CLS and government payments are settled before 07:45.

Netherlands: ¹ In principle; sometimes less.

Russia: ¹ RTT in the majority of regional subsystems of the Bank of Russia payment system (BRPS); ACH in the Moscow region. ² A certain low amount of payments is not processed centrally due to technical issues. ³ Moscow time. ⁴ Local time of the regional subsystem. ⁵ Cut-off time of third-party orders depends on the time schedule of the regional subsystem, through which associated participants send payments to the BESP system (for direct participants it is 21:00 Moscow time regardless of their location). Thus cut-off time for orders of participants in the BESP system is not earlier than 17:00 local time. Additional time limits for cut-off of third-party orders may be set by agreements between participants of the BRPS and their customers. ⁶ Opening and closing hours are given for stock and money markets. For the OTC market opening and closing hours may be different. ⁷ Not earlier than 17:00. VER systems operate at regional level according to local time. ⁸ In the MER system payments are carried out on a gross basis with intraday finality, except for settlements between regions located in remote time zones, which have finality no later than the next day (T+1). ⁹ Local time. In some selected regions, the closing time can be extended. ¹⁰ T+2 at the latest for intraregional transactions, T+5 at the latest for interregional transactions. Letters of advice take an average time of 3.22 days for ensuring payments, calculated taking into account the number of (manual) operational steps involved in the intraregional and interregional settlement of postal and telegraphic letters of advice. Settlement time for postal letters of advice considerably depends on the operation conditions of the payment documents delivery services.

Singapore: ¹ 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.

South Africa: ¹ Volumes of transactions in retail payment streams are settled in batches. Thus, volumes recorded by the system represent the number of batches and not actual transactions settled.

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 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 (clearing stop 1) and 16:00 (clearing stop 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 Liquidity-Shortage Financing Facility (special-rate repo transactions, collateralised loans from the Swiss National Bank at a penalty rate).

United Kingdom: ¹ In net settlement, the payment becomes final and irrevocable once details of the payment have been entered into the Interbank Data Exchange (IBDE). ² In net settlement, the payment becomes final when the payment has had an effect on the bilateral net position.

Footnotes for Tables PS1–4 (cont)

United States: ¹ Local times are Eastern time. ² CHIPS, the Clearing House Interbank Payments System, is owned by The Clearing House. ³ Any depository institution, including a US branch or agency of a foreign bank, may maintain an account with a Federal Reserve Bank. 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 Other Fedwire Funds Service 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.

European Union: ¹ All times are Central European Time (CET). ² STEP2 payments are settled in EURO1 at 07:30 CET. ³ STEP2 XCT Service commenced settlement transactions on 29 April 2003. ⁴ STEP2 ICT Service commenced settlement transactions in November 2006. Data are available from 2007 onwards. ⁵ STEP2 SCT Service became operational on 28 January 2008. ⁶ Using euro area consumer price (HICP) inflation and GDP respectively.

CLS: ¹ Includes some non-bank financial institutions. ² Central European Time (CET). ³ Each side of the transaction is counted separately. Spot and forward transactions have two sides, while swaps have four. In trillions of US dollars.

Table TRS1
Features of selected exchanges and trading systems
(at end-2011)

System	Owner/ manager	Markets / products	Trading	Operating times	Relationship with CCP
Australia					
ASX	SE ¹	SEC: E, O; DER	ELT	10:00-16:00	int ²
ASX 24	SE ¹	DER	ELT	17:10-07:00, 08:30-16:30 ³	int ⁴
Belgium					
Regulated off-exchange ¹	O	SEC: G	ELT	nap	nap
Euronext Brussels	SE	SEC: B, G, E, O; DER	ELT	9:00-17:40	indep
Brazil					
BmfBovespa-Equities	SE	SEC: E, O; DER	ELT	10:00-17:00 ¹	int ²
BmfBovespa-Derivatives	SE	DER	ELT	9:00-18:00 ³	int ²
Canada					
TSX	SE ¹	SEC: B, E	ELT	09:30-16:00	par ²
MX	SE ¹	DER	ELT	06:00-16:15 ³	par ⁴
NGX	SE ¹	DER	ELT	05:00-15:00 ³	int ⁵
ICE	SE ⁶	DER	ELT	20:00-14:15 ⁷	par ⁸
CNSX	O ⁹	SEC: E	ELT	09:30-16:00	indep ¹⁰
Alpha	B, O ¹¹	SEC: E, B, O; DER	ELT	04:30-17:00 ¹²	indep ¹⁰
China					
Shanghai Stock Exchange	SE	SEC: B, G, E, O; DER	ELT	09:15-11:30 ¹ , 13:00-15:30 ²	indep ³
Shenzhen Stock Exchange	SE	SEC: B, G, E, O; DER	ELT	9:15-11:30, 13:00-15:00	indep ³
France					
Euronext Paris	SE ¹	SEC: B, G, E, O; DER	ELT	09:00-17:30	indep ²
Germany					
Xetra	SE ¹	SEC: E, O	ELT	09:00-17:30	
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	SE ¹	SEC: B, G, E, O	FLT	09:00-20:00	int ²
Eurex	SE ³	DER	ELT	07:30-22:00 ⁴	
Hong Kong SAR					
Hong Kong Stock Exchange	SE ¹	SEC: B, G, E; DER: O ²	ELT	09:00-12:00 ³ , 12:00-13:00 ^{3,4} , 13:00-16:00 ³	int
India					
NDS	CB, O	SEC: G	ETL	09:00-17:00	nap
BSE: BOLT	SE	SEC: E, B; DER	ETL	09:00-15:30	int ¹
NSE: NEAT	SE	SEC: E, B; DER	ETL	09:00-15:30	int ²
Italy					
Borsa Italiana	SE	SEC: B, G, O DER	ELT	08:00-1730 ¹	int ²
MTS	SE	SEC: B, G	ELT	08:00-17:30	int ² ; indep ³
PCT	SE	SEC: B, G	ELT	07:45-18:30	int ² ; indep ³
Japan					
Tokyo Stock Exchange (TSE)	B, O	SEC: B, G, E, O; DER	ELT	09:00-15:00	indep
Osaka Securities Exchange (OSE)	B, O	SEC: B, G, E, O; DER	ELT	09:00-15:10	indep ¹ ; int ^{2,3}
Tokyo Financial Exchange (TFX)	B, O	DER	ELT	08:45-15:30	int ⁴
Korea					
Korea Exchange(KRX)	O	SEC: B, G, E, O; DER	ELT	09:00-15:00 ¹ , 09:00-15:15 ²	int ³
Mexico					
BMV	SE	SEC: E	ELT	08:30-15:00	par ¹
Mexder	SE, O	DER	ELT	08:00-15:00	int ²
Netherlands					
Euronext Amsterdam	SE ¹	nav	nav	09:00-17:00	nav

For the footnotes regarding the systems, see after this table.

Table TRS1 (cont)

System	Owner/ manager	Markets / products	Trading	Operating times	Relationship with CCP
Russia					
MICEX-RTS	CB, B, O	SEC: B, G, E, O; DER	ELT	09:30-23:50	par
MICEX SE	B, SE, O	SEC: B, E, O; DER	ELT	09:30-23:50	par
Saudi Arabia					
Tadawul	SE	SEC: B, E	ELT	11:00 - 15:30	nap
Singapore					
SGX	SE	SEC: B, E, O	ELT	09:00-17:00 ¹	indep
South Africa					
Johannesburg Stock Exchange (JSE)	SE	SEC: B, E	ELT	09:00-17:00	nap
Sweden					
NASDAQ OMX Stockholm	SE ¹	SEC: B, G, E, O; DER	ELT	09:00-17:30	int ²
Switzerland					
SIX Swiss Exchange	B, CB ¹	SEC: B, G, E, O; DER	ELT	08:30-17:30	int ² ; indep ³
Turkey					
Istanbul Menkul Kıymetler Borsası	SE	SEC: B, G, E, O	ELT, FLT	9:30-17:30 ¹ , 09:30-17:00 ²	nap
Turkish Derivatives Exchange	B, O, SE ³	DER	ELT	09:15-17:35	indep ⁴
United Kingdom					
London Stock Exchange	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav
United States¹					
New York Stock Exchange	O	SEC: E, O; DER	FLT, ELT	09:30-16:00	indep ²
Nasdaq	O	SEC: E, O	ELT	09:30-16:00	indep ²
American Stock Exchange	SE	SEC: E, O; DER	FLT	09:30-16:00	indep ²

Australia: ¹ ASX Group. ² ASX Clear. ³ Market hours vary for individual products and depending on whether daylight saving time is in place.

⁴ ASX Clear (Futures).

Belgium: ¹ Rentefonds. ² NYSE Euronext.

Brazil: ¹ Regular operating time, which is changed to 11:00-18:00 during the daylight saving time. ² BmfBovespa. ³ General operating time. There are specific operating times for specific markets and products.

Canada: ¹ TMX Group. ² CDS. ³ Market hours vary for individual product classes. ⁴ CDCC. ⁵ NGX. ⁶ IntercontinentalExchange. ⁷ Operating time is from 20:00 to 14:15 of the following day. ⁸ ICE. ⁹ CNSX Markets Inc. ¹⁰ CDS. ¹¹ CIBC World Markets Inc., RBC Dominion Securities Inc., National Bank Financial Inc., TD Securities Inc., Scotia Capital Inc., Canaccord Financial Inc., Desjardins Securities Inc. and the Canada Pension Plan Investment Board. ¹² Trading hours are from 09:30-17:00 EST.

China: ¹ 9:15-9:25 for call auction. ² 15:00-15:30 for block trading. ³ SD&C.

France: ¹ Euronext has a credit institution's status. ² LCH.Clearnet SA.

Germany: ¹ Deutsche Börse AG. ² Eurex Clearing AG. ³ Deutsche Börse AG (50%) and SIX Swiss Exchange (50%). ⁴ Depending on instruments.

Hong Kong SAR: ¹ Hong Kong Exchanges and Clearing Limited (HKEx). ² Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights, depositary receipts; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds, REITs. ³ Before 09:30, auction session; after 09:30, continuous trading session. ⁴ For iShares only.

India: ¹ BOISL and ICCL. ² NSCCL.

Italy: ¹ An afterhours session is scheduled for some markets. ² Cassa di Compensazione e Garanzia. ³ LCH.Clearnet SA.

Japan: ¹ For securities. ² For derivatives. ³ OSE. ⁴ TFX.

Korea: ¹ For securities. ² For derivatives. ³ KRX.

Mexico: ¹ CCV. ² Asigna.

Netherlands: ¹ NYSE Euronext.

Singapore: ¹ SGX has a pre-opening routine where orders entered from 08:30 to 08:59 are matched between 08:59 to 09:00 before trading commences at 09:00. Similarly there is another closing routine where all orders entered between 17:00 and 17:05 are matched between 17:05 and 17:06 and the prices established in the closing routine will be the closing price for the day.

Sweden: ¹ OMX AB. ² OMX Derivatives Markets, which is a secondary legal name for the OMX Nordic Exchange Stockholm AB.

Switzerland: ¹ The Swiss National Bank owns an immaterial number of shares of SIX Group. ² SIS x-clear AG. ³ LCH.Clearnet Ltd.

Turkey: ¹ For equities only. No trading between 12:30-14:00. ² For bonds, government securities only. No trading between 12:00-13:00.

³ Istanbul Menkul Kıymetler Borsası is a shareholder (18%) of the Turkish Derivatives Exchange. ⁴ Takasbank, a CCP, is also a shareholder (3%) of the Turkish Derivatives Exchange.

United States: ¹ Local times are Eastern time. ² NSCC.

Table TRS2

Trades executed on selected exchanges and trading systems: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX	69.19	107.14	116.49	136.36	161.17	81.0	54.8	8.7	17.1	18.2
ASX 24	92.71	76.08	64.58	86.19	104.49	16.0	-17.9	-15.1	33.5	21.2
Belgium										
Regulated off-exchange	0.077	0.080	0.087	0.103	0.133	1.3	3.4	9.6	17.6	29.5
Euronext Brussels	nav	nav	nav	1,433.55	1,441.7	nav	nav	nav	nav	0.6
Brazil										
BmfBovespa-Equities	38.01	61.57	82.33	107.19	142.41	74.4	62.0	33.7	30.2	32.9
BmfBovespa-Derivatives	5.69	7.14	9.58	16.40	19.67	40.9	25.6	34.1	71.1	20.0
Canada										
TSX	127.25	188.81	196.66	198.34	223.27	38.1	48.4	4.2	0.9	12.6
Montréal Exchange	42.74	38.06	34.75	44.30	61.78	5.4	-10.9	-8.7	27.5	39.5
NGX	0.24	0.33	0.30	0.35	0.39	13.3	41.0	-8.8	13.7	11.4
ICE	3.45	3.32	3.57	4.30	4.75	19.2	-3.8	7.5	20.6	10.5
CNSX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Alpha	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China										
Shanghai Stock Exchange	1,813.6	1,520.5	2,314.0	1,726.2	1,311.0	238.3	-16.2	52.2	-25.4	-24.1
Shenzhen Stock Exchange	956.0	713.8	1,288.4	1,345.0	1,047.0	208.2	-25.3	80.5	4.4	-22.2
France										
Euronext Paris	106.91	133.12	111.76	125.45	146.89	42.8	24.5	-16.0	12.3	17.1
Germany										
Xetra	86.90	122.62	91.01	104.74	134.88	63.5	41.1	-25.8	15.1	28.8
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	88.88	31.48	20.44	21.66	14.14	8.8	-64.6	-35.1	6.0	-34.7
Eurex	1,899.8	2,164.4	1,684.5	1,891.0	2,034.7	24.4	13.9	-22.2	12.3	7.6
Hong Kong SAR										
Hong Kong Stock Exchange	0.152	0.142	0.178	0.195	0.217	136.6	-6.9	25.8	9.5	11.1
India										
NDS	0.19	0.25	0.32	0.33	0.41	37.7	30.2	28.9	4.9	24.1
BSE: BOLT	530.3	540.8	605.6	528.6	394.6	53.2	2.0	12.0	-12.7	-25.3
NSE: NEAT	1,597.7	2,055.1	2,739.6	3,334.5	3,616.3	59.5	28.6	33.3	21.7	8.5
Italy										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	0.34	0.18	0.13	0.16	0.15	9.8	-48.1	-24.0	20.3	-6.9
PCT	0.65	0.62	0.54	0.62	0.74	37.5	-4.9	-12.4	14.7	18.9
Japan										
TSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
OSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

Table TRS2 (cont)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Korea										
KRX	2,777.4	2,867.3	3,102.9	3,751.0	3,924.1	12.2	3.2	8.2	20.9	4.6
Mexico										
BMV	3.56	4.57	7.48	8.45	11.19	43.8	28.3	63.5	13.0	32.4
Mexder	229.0	70.1	48.8	42.6	46.8	-16.8	-69.4	-30.5	-12.7	9.8
Netherlands										
Euronext Amsterdam	39.2	45.6	44.2	45.3	52.2	46.8	16.4	-3.3	2.6	15.2
Russia										
MICEX	0.119	0.203	0.177	13.215	34.079	111.9	71.2	-13.0	7,384.2	157.9
MICEX SE	46.76	62.63	116.05	129.35	134.14	32.7	33.9	85.3	11.5	3.7
RTS	145.09	239.95	477.73	627.69	168.12	61.6	65.4	99.1	31.4	-73.2
MICEX-RTS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia										
Tadawul	65.67	52.14	36.46	19.56	25.55	-31.7	-20.6	-30.1	-46.4	30.7
Singapore										
SGX	27.86	22.66	22.85	21.72	20.84	-4.6	-18.7	0.8	-4.9	-4.1
South Africa										
JSE	13.23	19.34	22.89	25.91	29.43	43.8	46.1	18.4	13.2	13.6
Sweden										
OMX Stockholm	24.91	28.78	nav	nav	nav	42.4	15.5	nav	nav	nav
NASDAQ OMX Stockholm	0	0	0	0	0	nav	nav	nav	nav	nav
Switzerland										
SIX Swiss Exchange	8.71	7.84	33.27	33.58	38.64	53.4	-10.0	324.2	0.9	15.1
Turkey										
Istanbul Menkul Kıymetler Borsasi	48.86	46.39	69.19	82.00	104.57	6.1	-5.1	49.1	18.5	27.5
Turkish Derivatives Exchange	24.87	54.47	79.43	63.95	74.29	263.1	119.1	45.8	-19.5	16.2
United Kingdom										
London Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States										
New York Stock Exchange	2,333.0	3,218.9	2,726.2	2,062.8	2,006.3	83.5	38.0	-15.3	-24.3	-2.7
Nasdaq	1,646.4	2,215.1	2,242.6	2,162.6	2,250.6	25.8	34.5	1.2	-3.6	4.1
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

Table TRS3

Trades executed on selected exchanges and trading systems: value of transactions

(total for the year)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX	1,346.9	1,199.7	929.1	1,256.1	1,360.9	19.47	11.20	7.98	9.21	8.44
ASX 24	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Belgium										
Regulated off-exchange	911.6	872.3	909.9	1,053.3	1,285.6	11,839.5	10,961.2	10,430.5	10,268.3	9,677.0
Euronext Brussels	nav	nav	nav	122	125.8	nav	nav	nav	0.1	0.09
Brazil										
BmfBovespa-Equities	792.6	929.4	802.7	1,253.6	1,415.7	20.85	15.09	9.75	11.69	9.94
BmfBovespa-Derivatives	16,530.7	15,150.9	13,364.4	24,056.8	27,671.6	2,905.7	2,120.9	1,394.6	1,466.9	1,406.5
Canada										
TSX	1,621.0	1,760.8	1,238.6	1,383.7	1,539.6	12.74	9.33	6.30	6.98	6.90
Montréal Exchange	16,418.1	11,025.7	7,925.0	14,957.9	23,287.9	384.1	289.7	228.0	337.7	377.0
NGX	60.63	76.88	32.52	43.29	33.55	256.5	230.7	106.9	125.2	87.1
ICE	25.33	34.16	25.67	36.75	52.86	7.34	10.28	7.19	8.54	11.12
CNSX	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Alpha	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
China										
Shanghai Stock Exchange	5,158.1	3,972.9	6,471.6	5,884.8	7,036.4	2.84	2.61	2.80	3.41	5.37
Shenzhen Stock Exchange	2,546.9	1,452.5	2,910.6	3,654.7	2,989.8	2.66	2.04	2.26	2.72	2.86
France										
Euronext Paris	3,635.5	2,834.3	1,598.0	1,626.4	1,782.1	34.00	21.29	14.30	12.96	12.13
Germany										
Xetra	3,343.6	3,466.9	1,746.3	1,901.3	2,075.1	38.48	28.27	19.19	18.15	15.38
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	1,710.4	1,835.6	1,014.8	833.2	522.4	19.24	58.31	49.66	38.47	36.93
Eurex	169,953	167,074	110,060	129,922	149,205	89.46	77.19	65.34	68.71	73.33
Hong Kong SAR										
Hong Kong Stock Exchange	2,781.0	2,268.1	2,004.2	2,223.9	2,215.4	18,279.1	16,015.1	11,249.9	11,402.1	10,222.9
India										
NDS	400.5	497.6	601.8	626.4	751.5	2,120.9	2,022.9	1,898.8	1,884.7	1,822.4
BSE: BOLT	382.4	253.4	284.9	241.6	143.6	0.72	0.47	0.47	0.46	0.36
NSE: NEAT	4,030	3,207.2	4,873.3	7,932.4	8,357.2	2.52	1.56	1.78	2.38	2.31
Italy										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	2,278.4	1,277.9	1,013.5	1,164.4	1,207.4	6,760.8	7,302.1	7,620.2	7,277.6	8,103.6
PCT	24,252.0	25,173.0	23,901.7	23,950.3	25,199.0	37,139.4	40,536.2	43,937.0	38,382.0	33,961.0
Japan										
TSE	20,302.1	18,020.4	12,695.9	14,779.1	14,585.5	nav	nav	nav	nav	nav
OSE	5,324.9	5,491.5	3,781.9	4,276.1	4,072.5	nav	nav	nav	nav	nav
TFX	33,081.7	21,634.0	13,968.0	12,855.1	9,036.1	nav	nav	nav	nav	nav

¹ Converted at yearly average exchange rates.

Table TRS3 (cont)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Korea										
Korea Exchange(KRX)	7,789.2	7,819.3	8,483.8	12,152.2	14,408.7	2.80	2.73	2.73	3.24	3.67
Mexico										
BMV	129.75	128.90	137.35	166.28	169.08	36.42	28.20	18.37	19.68	15.11
Mexder	2,107.9	655.5	382.7	381.0	421.7	9.21	9.35	7.85	8.94	9.02
Netherlands										
Euronext Amsterdam	1,935.7	1,213.3	628.9	642.7	646.9	49.38	26.58	14.24	14.18	12.39
Russia										
MICEX	970.8	1,191.4	1,059.3	861.7	1,709.0	8,183.46	5,867.70	5,999.26	65.20	50.15
MICEX SE	1,701.0	1,949.4	1,285.5	2,144.6	3,175.6	36.38	31.12	11.08	16.58	23.67
RTS	309.3	460.4	499.2	1,105.8	1,995.6	2.13	1.92	1.04	1.76	11.87
MICEX-RTS	nap	nap	nap	nap	nav	nap	nap	nap	nap	nav
Saudi Arabia										
Tadawul	682.1	523.5	337.1	202.7	293.5	24.48	23.10	14.75	9.33	14.09
Singapore										
SGX	401.2	273.2	234.9	297.2	296.7	14.40	12.06	10.28	13.68	14.24
South Africa										
JSE	3,109.5	3,356.0	2,324.0	3,242.3	3,982.7	235.0	173.5	101.5	125.1	135.3
Sweden										
OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland										
SIX Swiss Exchange	339.6	327.5	1,008.1	1,104.2	1,251.2	38.97	41.75	30.30	32.88	32.38
Turkey										
Istanbul Menkul Kiyemetler Borsasi	577.6	490.1	581.5	721.4	705.6	11.82	10.56	8.40	8.80	6.75
Turkish Derivatives Exchange	90.69	160.85	216.00	287.71	263.35	3.65	2.95	2.72	4.50	3.55
United Kingdom										
London Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States										
New York Stock Exchange	29,909.0	28,080.3	17,562.5	17,852.9	18,094.7	12.82	8.72	6.44	8.65	9.02
Nasdaq	15,318.6	15,245.3	10,730.2	13,098.9	14,300.5	9.30	6.88	4.78	6.06	6.35
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

¹ Converted at yearly average exchange rates.

Table TRS3 (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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX	40.3	-15.0	-19.0	14.2	-7.0	141.5	114.2	93.0	100.8	90.7
ASX 24	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Belgium										
Regulated off-exchange	10.6	-14.3	9.7	18.9	12.2	198.4	172.1	192.0	223.6	250.0
Euronext Brussels	nav	nav	nav	nav	-4.9	nav	nav	nav	25.8	24.5
Brazil										
BmfBovespa-Equities	100.8	4.4	-10.2	30.1	0.9	58.0	56.3	49.4	58.5	57.2
BmfBovespa-Derivatives	34.5	-18.4	-8.2	50.0	2.8	1,210.2	918.1	822.5	1,122.6	1,118.5
Canada										
TSX	17.7	5.2	-24.9	-1.0	3.8	113.9	117.1	92.5	87.7	88.5
Montréal Exchange	-7.1	-34.9	-23.2	67.2	45.3	1,153.6	733.0	591.9	948.3	1,338.6
NGX	14.5	22.8	-54.8	18.0	-27.7	4.3	5.1	2.4	2.7	1.9
ICE	63.9	30.6	-19.7	26.8	34.2	1.8	2.3	1.9	2.3	3.0
CNSX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Alpha	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China										
Shanghai Stock Exchange	294.5	-32.5	63.7	-12.7	8.3	147.7	86.6	131.8	101.6	96.4
Shenzhen Stock Exchange	362.2	-50.0	101.4	20.5	-25.9	72.9	31.6	59.3	63.1	41.0
France										
Euronext Paris	15.4	-29.3	-40.8	5.2	1.9	140.8	100.2	60.9	63.5	64.2
Germany										
Xetra	50.0	-5.6	-47.1	13.2	1.3	100.6	95.8	52.9	57.6	57.6
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	19.1	-2.3	-42.0	-14.7	-41.8	51.5	50.7	30.7	25.2	14.5
Eurex	14.6	-10.5	-30.9	22.7	6.6	5,114.0	4,616.2	3,332.4	3,934.1	4,139.1
Hong Kong SAR										
Hong Kong Stock Exchange	153.5	-22.0	-12.5	8.6	-5.2	1,314.3	1,034.3	936.3	971.9	891.1
India										
NDS	54.5	24.6	28.7	-12.2	12.0	33.17	38.70	45.11	37.33	39.44
BSE: BOLT	57.6	-33.5	19.6	-28.5	-44.5	31.66	19.71	21.35	14.40	7.54
NSE: NEAT	70.7	-20.2	61.6	37.3	-1.6	333.74	249.43	365.28	472.70	438.58
Italy										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	-0.2	-49.3	-17.2	18.8	-4.1	107.1	55.5	47.9	56.7	55.0
PCT	23.9	-6.2	-0.9	3.6	-2.7	1,140.3	1,092.3	1,130.8	1,165.6	1,147.3
Japan										
TSE	12.3	-23.1	-35.4	9.9	-10.1	466.1	371.9	252.1	268.7	247.0
OSE	40.0	-10.6	-36.9	6.8	-13.2	122.3	113.3	75.1	77.7	69.0
TFX	23.6	-43.3	-40.8	-13.1	-35.9	759.5	446.5	277.3	233.7	153.0

Table TRS3 (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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Korea										
Korea Exchange(KRX)	28.6	13.8	22.2	26.0	9.3	742	840	1,017	1,198	1,291
Mexico										
BMV	49.8	-3.7	22.7	8.7	-3.3	12.5	11.8	15.5	16.1	14.7
Mexder	-19.3	-69.8	-32.8	-10.6	5.3	203.4	59.9	43.3	36.8	36.5
Netherlands										
Euronext Amsterdam	44.1	-42.6	-46.0	6.5	-6.5	247.4	139.5	78.9	82.5	77.3
Russia										
MICEX	318.2	5.1	4.4	-28.3	80.7	74.7	71.6	86.5	57.9	91.9
MICEX SE	91	-1.9	-22.6	47.0	34.9	130.8	117.2	104.9	144.1	170.8
RTS	158.4	27.4	27.3	95.1	64.4	23.8	27.7	40.8	74.3	107.3
MICEX-RTS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia										
Tadawul	-53.3	-30.2	-38.7	-42.9	37.9	177.3	109.9	89.5	44.5	49.2
Singapore										
SGX	97.4	-40.0	-12.1	15.4	-12.5	226.2	144.3	128.1	130.7	114.2
South Africa										
JSE	20.4	15.3	-33.4	17.0	14.7	1,087.9	1,224.0	817.6	892.0	974.5
Sweden										
OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland										
SIX Swiss Exchange	20.2	-15.0	209.9	4.5	-3.8	75.4	62.5	197.4	200.5	189.1
Turkey										
Istanbul Menkul Kiyemetler Borsasi	-1.9	-23.4	33.3	13.1	-1.5	89.2	66.7	94.4	98.5	90.8
Turkish Derivatives Exchange	509.1	60.0	50.9	21.4	-7.8	14.00	21.88	35.08	39.29	33.88
United Kingdom										
London Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States										
New York Stock Exchange	33.9	-9.5	-37.1	0.3	-1.4	213.2	196.5	125.7	123.1	120.0
Nasdaq	27.3	-4.0	-29.3	20.4	6.2	109.2	106.7	76.8	90.3	94.9
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

¹ Converted at yearly average exchange rates.

Table TRS4
Participation in selected exchanges and trading systems
(end of year)

System	Total number of participants				
	2007	2008	2009	2010	2011
Australia					
ASX	100	100	84	81	83
ASX 24	nav	nav	nav	nav	nav
Belgium					
Regulated off-exchange	200	201	190	200	201
Euronext Brussels	nav	nav	nav	164	197
Brazil					
BmfBovespa-Equities	nav	76	81	85	87
BmfBovespa-Derivatives	118	119	84	88	68
Canada					
TSX	123	122	121	119	120
Montréal Exchange	67	64	70	90	91
NGX	169	201	214	229	237
ICE	nav	nav	nav	nav	nav
CNSX	77	82	84	88	91
Alpha	nav	51	74	85	90
China					
Shanghai Stock Exchange	225	193	193	194	222
Shenzhen Stock Exchange	123	124	114	113	116
France					
Euronext Paris	135	152	174	181	179
Germany					
Xetra	260	250	251	225	227
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	nav	143	133	238	228
Eurex	398	404	413	411	568
Hong Kong SAR					
Hong Kong Stock Exchange	478	487	495	516	534
India					
NDS	149	149	149	168	182
BSE: BOLT	1,075	1,227	1,136	1,373	1,376
NSE: NEAT	1,387	1,015	1,396	1,326	1,371
Italy					
Borsa Italiana	128	128	123	nav	nav
MTS	100	90	93	87	88
PCT	115	79	113	109	109
Japan					
TSE	172	165	153	148	137
OSE	102	98	97	112	111
TFX	69	72	70	75	73

Table TRS4 (cont)

System	Total number of participants				
	2007	2008	2009	2010	2011
Korea					
Korea Exchange(KRX)	89	96	94	95	95
Mexico					
BMV	31	34	34	34	34
Mexder	43	63	52	43	51
Netherlands					
Euronext Amsterdam	216	nap	nap	nap	nap
Russia					
MICEX	349	296	300	346	nap
MICEX SE	633	669	654	649	634
RTS	245	251	227	231	nap
MICEX-RTS	nap	nap	nap	nap	576
Saudi Arabia					
Tadawul	39	51	58	62	62
Singapore					
SGX	3,651	3,816	4,011	4,243	4,336
South Africa					
JSE	nav	nav	nav	nav	nav
Sweden					
OMX Stockholm	nav	85	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	85	83	83
Switzerland					
SIX Swiss Exchange	95	97	112	116	127
Turkey					
Istanbul Menkul Kiyemetler Borsasi	146	146	145	145	143
Turkish Derivatives Exchange	80	89	89	98	99
United Kingdom					
London Stock Exchange	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav
United States					
New York Stock Exchange	685	nav	nav	nav	nav
Nasdaq	nav	nav	nav	nav	nav
American Stock Exchange	nav	nav	nav	nav	nav

Table TRS5
Securities listed in selected exchanges and trading systems
(end of year)

System	Number of securities listed					Market capitalisation (USD billions) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX	2,209	2,223	2,181	2,216	2,222	1,304	671	1,258	1,442	1,187
ASX 24	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Belgium										
Regulated off-exchange	100	104	104	102	111	nap	nap	nap	nap	nap
Euronext Brussels	nav	nav	nav	914	1,136	nav	nav	nav	268	229
Brazil										
BmfBovespa-Equities	1,262	1,215	1,164	1,171	1,161	1,376	588	1,339	1,540	1,222
BmfBovespa-Derivatives	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Canada										
TSX	4,114	4,176	4,018	4,088	4,237	2,184	1,026	1,680	2,168	1,915
Montréal Exchange	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
NGX	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
ICE	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
CNSX	104	106	126	145	162	nav	nav	0.6	0.7	1.1
Alpha	nap	nav	nav	nav	nav	nap	nav	nav	nav	nav
China										
Shanghai Stock Exchange	1,125	1,184	1,351	1,500	1,691	3,694	1,423	2,704	2,703	2,355
Shenzhen Stock Exchange	840	937	1,128	1,590	1,938	787	355	871	1,305	1,054
France										
Euronext Paris	10,729	12,503	8,728	13,278	18,780	2,759	1,471	1,954	1,904	1,549
Germany										
Xetra	17,759	15,420	14,720	16,119	5,707	nav	nav	1,798	1,846	1,466
Xetra Frankfurt Specialist (since 2011; before: Frankfurt Floor)	277,617	441,351	457,140	643,966	998,926	2,120	1,109	nap	nap	nap
Eurex	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Hong Kong SAR										
Hong Kong Stock Exchange	6,092	5,831	6,616	7,900	6,723	2,653	1,329	2,305	2,711	2,258
India										
NDS	1,284	1,338	1,459	1,784	2,253	nav	nav	nav	nav	nav
BSE: BOLT	7,681	7,729	8,072	7,910	9,232	1,304	637	1,321	1,526	1,167
NSE: NEAT	1,604	1,583	1,806	2,741	2,928	1,233	598	1,287	1,496	1,144
Italy										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	88	90	105	113	113	nap	nap	nap	nap	nap
PCT	386	506	544	777	822	nap	nap	nap	nap	nap
Japan										
TSE	2,748	2,720	2,648	2,615	2,602	4,318	3,127	3,330	3,818	3,304
OSE	1,359	1,328	1,248	2,046	1,985	2,909	2,021	2,148	2,434	1,945
TFX	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

¹ Converted at end of year exchange rates.

Table TRS5 (cont)

System	Number of securities listed					Market capitalisation (USD billions) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Korea										
Korea Exchange(KRX)	10,501	11,266	11,486	11,488	11,769	1,121	496	834	1,089	995
Mexico										
BMV	542	587	621	651	722	399	238	352	453	408
Mexder	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Netherlands										
Euronext Amsterdam	5,273	6,058	6,822	8,827	9,773	963	388	562	659	593
Russia										
MICEX	nav	nav	nav	nav	nap	nav	nav	nav	nav	nav
MICEX SE	387	485	450	541	2,020	716	190	492	951	767
RTS	598	531	501	465	nap	771	237	426	498	nap
MICEX-RTS	nap	nap	nap	nap	nav	nap	nap	nap	nap	nav
Saudi Arabia										
Tadawul	111	127	140	155	161	519	247	319	353	339
Singapore										
SGX	1,788	1,848	1,834	1,960	2,056	539	401	478	701	596
South Africa										
JSE	2,141	2,004	2,013	1,901	2,013	839	488	804	1,012	850
Sweden										
OMX Stockholm	279	266	nav	nav	nav	617	287	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	258	258	259	nav	nav	480	630	508
Switzerland										
SIX Swiss Exchange	20,920	23,773	25,680	32,984	37,375	1,202	848	1,014	1,099	1,149
Turkey										
Istanbul Menkul Kiyemetler Borsasi	584	605	667	782	1,174	288	120	233	306	200
Turkish Derivatives Exchange	10	10	10	13	15	nap	nap	nap	nap	nap
United Kingdom										
London Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States										
New York Stock Exchange	nav	nav	nav	nav	nav	15,651	9,209	11,838	13,394	1,180
Nasdaq	3,310	3,188	3,012	2,943	2,828	4,014	2,249	3,239	3,889	3,845
American Stock Exchange	1,697	nav	nav	nav	nav	258	nav	nav	nav	nav

¹ Converted at end of year exchange rates.

Table CCP1
Features of selected central counterparties and clearing houses
(at end-2011)

System	CCP or clearing house	Owner/ manager	Relationship with exchange	Relationship with CSD	Intraday margining
Australia					
ASX Clear	CCP	SE ¹	int ²	int ³	event: P
ASX Clear (Futures)	CCP	SE ¹	int ⁴	nap	routine; event: P
Belgium					
LCH.Clearnet SA	see France				
Brazil					
BmfBovespa-Equities	CCP	SE	int ¹	int ¹	routine
BmfBovespa-Derivatives	CCP	SE	int ¹	nap	routine; event: P, S
BmfBovespa-Securities	CCP	SE	int ¹	indep ²	event: P
CETIP	CH	B; O	nap	int ³	nap
Canada					
CDCC	CCP	SE ¹	par ¹	indep	routine
NGX	CCP	SE ²	int ³	nap	event: P
ICE	CH	SE ⁴	par ⁴	nap	event: P
China					
SD&C	CCP	SE ¹ , O	indep ²	int ³	nap
France					
LCH.Clearnet SA	CCP, CH ¹	B	indep ²	indep ³	event: P
Germany					
Eurex Clearing AG	CCP	SE ¹	par ²	int ^{3, 4} ; indep ^{5, 6, 7, 8, 9, 10, 11, 12}	routine; event: P, S
Hong Kong SAR					
CCASS	CCP, CH	SE ¹	int	int	routine
India					
CCIL	CCP	B, O	nap	indep ¹	event: P
NSCCL	CCP	SE ²	par ²	int ³	routine; event: P, S
BOISL	CCP	SE ⁴ , B	int ⁵	int ⁶	routine; event: P, S
Italy					
CCG	CCP	CCP ¹	par ²	indep ³	routine
LCH.Clearnet SA	see France				
Japan					
Japan Securities Clearing Corporation (JSCC)	CCP	SE ¹	par ²	indep	nap ³ / event ⁴
JASDEC DVP Clearing Corporation (JDCC)	CCP	O ⁵	nap	par ⁵	event: P ⁶
Japan Government Bond Clearing Corporation (JGBCC)	CCP	B, O, CCP ⁷	nap	indep	event: P
TFX	CCP	B, O	int ⁸	nap	event: P
OSE	CCP	B, O	int ⁹	nap	event: P
Korea					
Korea Exchange (KRX)	CCP, CH	O	int ¹	indep	nap
Mexico					
CCV	CCP	SE	par ¹	int ²	routine
Asigna	CCP	SE, O	int ³	int ²	routine
Netherlands					
LCH.Clearnet SA	see France				
Russia					
NCC	CCP	SE ¹	par	int ²	nap
RTS CC	CCP	SE ¹	par	int ³	routine; event: P
Saudi Arabia					
Saudi Arabia clearing house	CH	O ¹	int ²	int ²	nap
Singapore					
DCSS	CH	CH	indep	int	nap
CDP	CCP, CH	CH	par	int	nap
South Africa					
Sweden					
SE Nasdaq OMXDM ¹	CCP	O	int	indep	nav

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	CCP or clearing house	Owner/ manager	Relationship with exchange	Relationship with CSD	Intraday margining
Switzerland SIX x-clear	CCP	B, CB ¹	int ² ; indep ³	int ⁴ ; indep ^{5,6}	routine; event: P, S
Turkey Takasbank	CH ¹ , CCP ¹	SE ² , B ³ , O ³	par ²	indep ⁴	event: P ⁵
United Kingdom LCH.Clearnet Ltd	CCP	SE, O	indep	indep	routine
United States National Securities Clearing Corporation (NSCC)	CCP	B, O	indep	int ¹	routine; event
Fixed Income Clearing Corporation: Government Securities Division (FICC/GSD)	CCP	B, O	indep	indep ²	routine; event
Fixed Income Clearing Corporation: Mortgage-Backed Securities Division (FICC/MBSD)	CH	B, O	indep	indep ²	routine; event

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	Products cleared	Currencies	Securities settlement agent	Cash settlement agent	Links to other CCPs
Australia ASX Clear	SEC, DER	AUD	CSD ³	CB	no link
ASX Clear (Futures)	DER	AUD	CSD ⁵	CB	no link
Belgium LCH.Clearnet SA	see France				
Brazil BmfBovespa-Equities	SEC, DER	BRL	CSD ¹	CB	nap
BmfBovespa-Derivatives	DER	BRL	nap	CB	nap
BmfBovespa-Securities	SEC, REP	BRL	CSD ²	CB	nap
CETIP	SEC, DER	BRL	CSD ³	CB	nap
Canada CDCC	DER	CAD	nap	B	no link
NGX	DER	CAD, USD	nap	B	no link
ICE	DER	CAD	nap	B	no link
China SD&C	SEC, DER, REP	RMB, USD, HKD	CSD ³	B	nav
France LCH.Clearnet SA	SEC, DER, REP	EUR	2	BdF, DNB, NBB	cross: EUR: 1 ⁴

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	Products cleared	Currencies	Securities settlement agent	Cash settlement agent	Links to other CCPs
Germany Eurex Clearing AG	SEC, DER, REP	EUR, CHF, GBP, USD	CSD ³ : SEC, REP: EUR; CSD ⁵ : SEC: CHF; CSD ⁷ : SEC: EUR; ICSD ⁴ : SEC, REP: EUR, USD; ICSD ⁶ : REP: EUR, USD; ICSD ⁷ : SEC: EUR; ICSD ⁸ : SEC: EUR; ICSD ⁹ : SEC: EUR; ICSD ¹⁰ : SEC: EUR; ICSD ¹¹ : SEC: DKK; ICSD ¹² : SEC: NOK; ICSD ⁷ : SEC: SEK	DER: EUR: CB; DER: CHF: CB; DER: GBP: B; DER: USD: B; SEC: EUR: CB; REP: EUR: CB; REP: CHF: CB; SEC: DKK: CB; SEC: NOK: CB; SEC: SEK: CB	nap
Hong Kong SAR CCASS	SEC, DER ²	HKD, USD, CNY	HKSCC ³	B	nav
India CCIL	SEC, DER, REP ⁷	INR	CB	CB	nap
NSCCL	SEC, DER, REP	INR	CSD ^{3,6}	B	nav
BOISL	SEC, DER, REP	INR	CSD ^{3,6}	B	nav
Italy CCG	SEC, DER, REP	EUR	CSD ³	CB	1
LCH.Clearnet SA	see France				
Japan JSCC	SEC, DER	JPY	CSD ⁵ , CB	CB, B	nap
JDCC	SEC	JPY	CSD ⁵	CB	nap
JGBCC	SEC	JPY	CB	CB	nap
TFX	DER	JPY	nap	CB, B	1
OSE	DER	JPY	nap	CB, B	nap
Korea Korea Exchange (KRX)	SEC, DER, REP	KRW	CSD ²	B, CB	nap
Mexico CCV	SEC	MXN	CSD ²	O ⁴	nap
Asigna	DER	MXN	nap	B	nap
Netherlands LCH.Clearnet SA	see France				
Russia NCC	SEC, DER, REP	RUR, USD, EUR	CSD ²	O ²	nap
RTS CC	SEC, DER, REP	RUR, USD	CSD ³	O ³	nap
Saudi Arabia Saudi Arabia clearing house	SEC	SAR	CSD	CB, B	no link
Singapore DCSS	SEC	SGD	CSD ¹	B, CB	no link
CDP	SEC	SGD, AUD, USD, HKD	CSD ¹	B	nav
South Africa			nap		

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	Products cleared	Currencies	Securities settlement agent	Cash settlement agent	Links to other CCPs
Sweden SE Nasdaq OMXDM	DER	SEK, DKK, NOK, EUR, ISL	CSD	CB: SEK; CB: DKK; CB: EUR, NOK; O	NOK, GBP ²
Switzerland SIX x-clear	SEC	CHF, GBP, EUR, USD, SEK, NOK, DKK, CAD, JPY, HUF, CZK	CSD ^{4,5,6}	CB ⁴ : CHF; B ⁴ : CHF, GBP, EUR, USD, SEK, NOK, DKK, CAD, JPY, HUF, CZK; CB ⁵ : EUR; B ⁵ : CHF, EUR, GBP, USD, SEK, NOK, DKK; CB ⁶ : GBP; B ⁶ : GBP, EUR, USD	cross: 1
Turkey Takasbank	SEC, DER, REP	TRY, USD, EUR	CSD ⁴ :SEC ⁶ :TRY; CB: SEC ⁷ , REP: TRY, USD, EUR	CB: TRY; O ¹ : TRY; B: USD, EUR	nap
United Kingdom LCH.Clearnet Ltd	SEC, DER, REP	AUD, CAD, CHF, DKK, EUR, GBP, HKD, ISK, JPY, NOK, NZD, SEK, USD	CSD ¹	CB, B	2
United States NSCC FICC/GSD FICC/MBSD	SEC SEC, REP SEC	USD USD USD	CSD ¹ B B	CSD ^{1,3} B B	nav cross: 2 nav

Australia: ¹ ASX Group. ² ASX. ³ ASX Settlement. ⁴ ASX 24. ⁵ Austraclear.

Brazil: ¹ BmfBovespa. ² SELIC. ³ CETIP.

Canada: ¹ MX. ² TMX Group. ³ NGX. ⁴ ICE.

China: ¹ Shanghai Stock Exchange and Shenzhen Stock Exchange each hold 50% of SD&C's shares. ² Shanghai Stock Exchange, Shenzhen Stock Exchange. ³ SD&C.

France: ¹ LCH.Clearnet SA is located in France but serves Amsterdam, Brussels and Paris Euronext markets. ² Euronext Paris, Amsterdam, Brussels, Lisbon. ³ Euroclear France, Euroclear Netherlands, Euroclear Belgium and Euroclear Bank. ⁴ Corresponds to the link established with CC&G which is used for products traded on Italian markets.

Germany: ¹ Eurex Frankfurt AG. ² Eurex. ³ Clearstream Banking AG. ⁴ Clearstream Banking Luxembourg. ⁵ SIS SegalInterSettle. ⁶ Euroclear Bank. ⁷ Euroclear UK & Ireland, Euroclear France S.A., Euroclear Nederland, Euroclear Belgium, Euroclear Finland, Euroclear Sweden and Iberclear. ⁸ Montetitol. ⁹ OeKB. ¹⁰ Interbolsa. ¹¹ VP Denmark. ¹² VPS Norway.

Hong Kong SAR: ¹ Hong Kong Exchanges and Clearing Limited (HKEx). ² Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights, depository receipts; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds, REITs. ³ Hong Kong Securities Clearing Company Limited (HKSCC).

India: ¹ RBI (SSS). ² NSE. ³ NSDL. ⁴ BSE. ⁵ BSE and Bank of India. ⁶ CSDL. ⁷ CCIL clears foreign exchange related transactions as well.

Italy: ¹ Cassa di Compensazione e Garanzia. ² Borsa Italiana. ³ Monte Titoli.

Japan: ¹ Includes TSE, OSE and other regional exchanges. ² JSCC is jointly owned by five securities exchanges in Japan. ³ For equities. ⁴ For derivatives. ⁵ JASDEC. ⁶ JDCC accepts participants' settlement obligations on a settlement day. ⁷ JSCC. ⁸ TFX. ⁹ OSE.

Korea: ¹ KRX. ² KSD.

Mexico: ¹ BMV. ² Ineval. ³ Mexder. ⁴ CCV settles the cash leg in the CSD. CSD always holds funds at its central bank account that cover the sum of all CSD participants' (including CCV's) balances.

Russia: ¹ MICEX-RTS. ² NSD. ³ RTS SC.

Saudi Arabia: ¹ The Capital Market Authority (CMA). ² Tadawul.

Singapore: ¹ CDP.

Sweden: ¹ OMX Derivatives Markets, which is a secondary legal name for the OMX Nordic Exchange Stockholm AB. ² The currency area description of OMX DM's links is very misleading. OMX DM has a link to the London market and specifically to LCH.Clearnet Ltd to facilitate the clearing of Nordic derivatives traded in London. The derivatives settled through the link are denominated in DKK, EUR, NOK and SEK.

Switzerland: ¹ The Swiss National Bank owns an immaterial number of shares of SIX Group. ² SIX Swiss Exchange. ³ LSE, Bats Chix Europe, Burgundy, Equiduct, Getco, Liquidnet, Turquoise, UBS MTF. ⁴ SIX SIS. ⁵ Euroclear Bank. ⁶ Euroclear UK.

Turkey: ¹ Takasbank is a CH in clearing ISE market trades. For TURKDEX transactions, it is a CCP. ² ISE. ³ Takasbank is owned by 19 banks and 67 brokerage houses, none of which can exceed a 5% share. ⁴ Central Registry Agency (MKK), CSD of Turkey; 65% of its shares are owned by Takasbank. ⁵ Intraday margining is only applicable to derivatives clearing. ⁶ Equities. ⁷ G-bonds, T-bills.

United Kingdom: ¹ CREST.

United States: ¹ DTC. ² NBES. ³ Cash settlement is completed at the central bank.

Table CCP2

Transactions cleared by selected central counterparties and clearing houses: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium										
LCH.Clearnet SA	24.28	29.58	30.63	27.72	34.83	58.1	21.8	3.6	-9.5	25.6
Brazil										
BmfBovespa-Equities	38.00	61.60	82.30	107.19	142.41	74.3	62.1	33.6	30.2	32.9
BmfBovespa-Derivatives	426.4	391.6	373.4	618.7	672.0	50.4	-8.2	-4.6	65.7	8.6
BmfBovespa-Securities	0.014	0.005	0.002	0.002	0.001	-31.5	-61.2	-72.3	2.0	-27.8
CETIP	13.50	18.90	21.46	26.01	34.90	40.6	40.0	13.5	21.2	34.2
Canada										
CDCC	92.37	94.58	80.62	90.62	125.83	7.2	2.4	-14.8	12.4	38.9
NGX	0.48	0.68	0.63	0.71	0.78	13.5	41.8	-7.5	13.0	10.6
ICE	3.47	3.33	3.59	4.35	4.78	18.8	-3.9	7.9	21.0	9.9
China										
SD&C	2,846.3	2,247.7	3,659.1	3,106.0	nav	221.7	-21.0	62.8	-15.1	nav
France										
LCH.Clearnet SA	394.6	452.0	417.5	472.4	511.6	22.8	14.5	-7.6	13.2	8.3
Germany										
Eurex Clearing AG	4,019.9	4,609.5	3,575.3	4,020.5	4,363.0	25.6	14.7	-22.4	12.5	8.5
Hong Kong SAR										
CCASS	18.16	13.10	15.50	17.63	16.27	69.3	-27.8	18.3	13.8	-7.7
India										
CCIL	0.47	0.58	0.72	0.76	0.92	41.1	23.2	24.1	4.9	21.8
NSCCL	1,597.7	2,054.0	2,736.9	3,331.8	3,615.8	59.5	28.6	33.2	21.7	8.5
BOISL	530.3	540.8	605.6	528.7	394.6	53.2	2.0	12.0	-12.7	-25.4
Italy										
CCG	222.1	213.5	218.9	221.9	251.3	17.8	-3.8	2.5	1.4	13.3
LCH.Clearnet SA	1.11	0.91	0.90	1.17	1.43	32.7	-18.2	-1.1	30.3	22.4
Japan										
JSCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
JDCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
JGBCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
OSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea										
Korea Exchange (KRX)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico										
CCV	4.03	5.18	8.27	9.35	12.29	38.2	28.6	59.5	13.0	31.5
Asigna	228.97	70.14	48.78	42.60	46.76	-16.8	-69.4	-30.5	-12.7	9.8
Netherlands										
LCH.Clearnet SA	398.3	403.9	335.3	338.8	329.6	28.2	1.4	-17.0	1.0	-2.7
Russia										
MICEX	132.26	194.72	135.20	142.57	117.32	93.8	47.2	-30.6	5.5	-17.7
RTS CC	144.92	246.27	480.94	624.27	1,094.77	61.7	69.9	95.3	29.8	75.4
NCC	nap	nap	nap	nap	23.69	nap	nap	nap	nap	nap
Saudi Arabia										
Saudi Arabia clearing	65.67	52.14	36.46	19.56	25.55	-31.7	-20.6	-30.1	-46.4	30.7
Singapore										
CDP	682.9	336.7	427.2	423.8	358.0	113.4	-50.7	26.9	-0.8	-15.5
South Africa			nap					nap		
Sweden										
OMXDM	122.0	118.2	nav	nav	nav	14.0	-3.1	nav	nav	nav
SE Nasdaq OMXDM	nav	nav	83.4	nav	nav	nav	nav	nav	nav	nav
Switzerland										
SIX x-clear	28.50	50.80	68.70	82.57	101.60	80.4	78.2	35.2	20.2	23.1
Turkey										
Takasbank	74.37	101.57	149.33	146.54	177.95	39.0	36.6	47.0	-1.9	21.4
United Kingdom										
LCH.Clearnet Ltd	2,861.4	2,701.9	1,258.2	279.3	322.1	54.1	-5.6	-53.4	-77.8	15.3
LCH.Clearnet SA	0.63	0.56	0.54	0.73	0.98	24.2	-10.3	-4.4	36.2	33.2

Table CCP2 (cont)

System	Number of transactions (<i>millions</i>)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
United States										
NSCC	13,537.0	21,877.0	23,254.0	20,372.0	20,833.0	58.7	61.6	6.3	-12.4	2.3
FICC/GSD	30.40	34.40	28.70	34.00	40.50	22.1	13.2	-16.6	18.5	19.1
FICC/MBSD	2.10	3.00	2.40	3.20	3.90	23.5	42.9	-20.0	33.3	21.9

Table CCP3

Transactions cleared by selected central counterparties and clearing houses: value of transactions

(total for the year)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium										
LCH.Clearnet SA	514.1	546.0	933.7	1,346.4	1,219.6	21.18	18.46	30.48	48.57	35.02
Brazil										
BmfBovespa-Equities	792.9	935.5	805.3	1,253.6	1,415.7	20.87	15.19	9.79	11.69	9.94
BmfBovespa-Derivatives	16,610.9	15,246.4	13,435.3	24,167.8	27,768.8	38.96	38.93	35.98	39.06	41.32
BmfBovespa-Securities	2,142.88	293.98	62.05	65.41	155.47	152,323	53,833	40,983	42,335	139,312
CETIP	2,927.2	4,964.4	5,533.9	7,653.4	10,288.6	216.8	262.7	257.9	294.2	294.8
Canada										
CDCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NGX	131.1	182.9	85.0	111.0	90.1	274.9	270.6	135.9	157.1	115.3
ICE	25.42	34.26	25.86	37.13	53.13	7.33	10.28	7.19	8.54	11.12
China										
SD&C	7,750.3	5,467.6	9,355.5	9,444.3	nav	2.72	2.43	2.56	3.04	nav
France										
LCH.Clearnet SA	13,534.0	13,588.4	7,828.1	9,127.8	9,755.6	34.30	30.06	18.75	19.32	19.07
Germany										
Eurex Clearing AG	357,305	356,224	240,699	281,015	331,219	88.88	77.28	67.32	69.90	75.92
Hong Kong SAR										
CCASS	5,272.3	4,359.7	3,783.7	4,144.0	4,118.8	290.3	332.8	244.2	235.0	253.2
India										
CCIL	1,924.4	2,091.9	2,168.1	2,058.5	2,111.8	4,087.5	3,606.8	3,011.2	2,726.2	2,295.4
NSCCL	273.5	162.1	205.8	233.1	186.3	0.171	0.079	0.075	0.070	0.052
BOISL	115.72	53.19	64.48	66.23	39.15	0.22	0.10	0.11	0.13	0.10
Italy										
CCG	17,996.7	16,513.2	22,229.4	28,420.1	31,774.4	81.05	77.34	101.55	128.08	126.43
LCH.Clearnet SA	26,252.3	27,831.0	31,307.9	36,545.2	41,408.7	23,672.1	30,668.3	34,868.7	31,243.7	28,912.3
Japan										
JSCC	444.1	448.7	324.1	330.1	328.5	nav	nav	nav	nav	nav
JDCC ¹	401.2	405.7	306.6	337.4	311.7	nav	nav	nav	nav	nav
JGBCC	20,466.4	24,267.9	23,958.7	26,503.2	25,906.8	nav	nav	nav	nav	nav
TFX	3.13	4.15	1.90	1.44	1.03	nav	nav	nav	nav	nav
OSE	27.59	61.22	36.95	37.06	39.41	nav	nav	nav	nav	nav
Korea										
Korea Exchange (KRX)	285.5	248.4	221.5	286.8	283.9	nav	nav	nav	nav	nav
Mexico										
CCV	144.10	159.13	128.96	219.41	219.63	35.74	30.69	15.60	23.48	17.87
Asigna	2,104.6	654.2	382.0	377.2	419.8	9.19	9.33	7.83	8.85	8.98
Netherlands										
LCH.Clearnet SA	6,961.9	9,206.7	5,013.2	6,031.7	6,117.1	17.48	22.79	14.95	17.80	18.56
Russia										
MICEX	2,671.8	3,140.8	2,344.1	3,006.2	4,207.1	20.20	16.13	17.34	21.09	35.86
RTS CC	293.8	461.2	500.3	1,108.3	2,038.7	2.03	1.87	1.04	1.78	1.86
NCC	nav	nav	nav	nav	631.3	nav	nav	nav	nav	26.64
Saudi Arabia										
Saudi Arabia clearing	682.1	523.5	337.1	202.7	293.6	10.39	10.04	9.25	10.37	11.49
Singapore										
CDP	401.2	273.2	234.9	299.0	290.7	0.59	0.81	0.55	0.71	0.81
South Africa										
			nav					nav		
Sweden										
OMXDM	576.9	522.2	nav	nav	nav	4.73	4.42	nav	nav	nav
SE Nasdaq OMXDM	nav	nav	359	nav	nav	nav	nav	4.30	nav	nav
Switzerland										
SIX x-clear	1,453.6	1,563.9	1,261.6	1,726.6	1,952.2	51.00	30.79	18.36	20.91	19.21
Turkey										
Takasbank	2,593.0	2,855.9	2,678.5	2,963.2	3,012.9	34.87	28.12	17.94	20.22	16.93

¹ Converted at yearly average exchange rates.Japan: ¹ Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table21). As a consequence, they are converted at average fiscal-year exchange rates.

Table CCP3 (cont)

System	Value of transactions (USD billions except as noted) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
United Kingdom										
LCH.Clearnet Ltd ¹	1,467.6	1,582.6	919.1	nav	nav	512.9	585.7	730.5	nav	nav
LCH.Clearnet SA ¹	36.7	28.7	19.6	30.1	37.6	58,547.3	51,067.3	36,478.3	41,084.3	38,521.6
United States										
NSCC ¹	283.2	315.1	209.7	217.5	220.8	20.92	14.40	9.02	10.67	10.60
FICC/GSD ¹	1,006.1	1,014.5	905.1	1,101.7	1,126.9	33,095.4	29,491.3	31,536.6	32,402.9	27,824.7
FICC/MBSD ¹	94.9	111.3	94.8	104.2	97.7	45,190.5	37,100.0	39,500.0	32,562.5	25,051.3

¹ Converted at yearly average exchange rates.

United Kingdom: ¹ For value of transactions, trillions.

United States: ¹ For value of transactions, trillions.

Table CCP3 (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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium										
LCH.Clearnet SA	41.4	-4.9	79.9	48.2	-16.7	111.9	107.7	197.0	285.8	237.2
Brazil										
BmfBovespa-Equities	100.5	5.1	-10.5	29.7	0.9	58.0	56.7	49.6	58.5	57.2
BmfBovespa-Derivatives	34.0	-18.3	-8.3	49.9	2.7	1,216.0	923.9	826.8	1,127.8	1,122.4
BmfBovespa-Securities	17.1	-87.8	-78.0	-12.2	112.4	156.9	17.8	3.8	3.1	6.3
CETIP	15.9	51.0	16.0	15.2	20.2	214.3	300.8	340.6	357.1	415.9
Canada										
CDCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NGX	14.2	35.2	-50.4	15.7	-24.2	9.2	12.2	6.3	7.0	5.2
ICE	63.5	30.6	-19.4	27.2	33.6	1.8	2.3	1.9	2.4	3.1
China										
SD&C	317.2	-38.1	71.9	-3.1	nav	221.9	119.1	190.5	163.1	nav
France										
LCH.Clearnet SA	37.2	-9.0	-39.5	20.5	-0.6	524.2	480.4	298.5	356.1	351.4
Germany										
Eurex Clearing AG	18.2	-9.2	-29.1	21.3	9.4	10,751.6	9,842.3	7,288.0	8,509.3	9,188.3
Hong Kong SAR										
CCASS	160.8	-20.9	-14.0	7.2	-5.4	2,491.7	1,988.2	1,767.7	1,811.0	1,656.7
India										
CCIL	111.9	9.1	10.2	-19.9	-4.2	159.4	162.7	162.5	122.7	110.8
NSCCL	76.4	-40.5	35.0	-4.5	-25.4	22.6	12.6	15.4	13.9	9.8
BOISL	52.6	-53.9	28.9	-13.4	-44.8	9.6	4.1	4.8	3.9	2.1
Italy										
CCG	-2.2	-17.1	40.5	32.2	3.4	846.2	716.6	1,051.7	1,383.2	1,446.7
LCH.Clearnet SA	18.4	-4.2	17.4	20.7	4.8	1,234.3	1,207.7	1,481.2	1,778.6	1,885.3
Japan										
JSCC	1.4	-12.5	-33.8	-3.8	-9.3	10.2	9.3	6.4	6.0	5.6
JDCC	0.8	-12.3	-29.2	2.3	-14.6	8.9	8.1	6.0	6.0	5.2
JGBCC	46.1	2.7	-9.5	4.5	-10.9	469.9	500.9	475.7	481.9	438.7
TFX	-33.9	15.1	-58.1	-28.2	-35.0	0.1	0.1	0.0	0.0	0.0
OSE	-2.0	92.3	-44.7	-5.3	-3.1	0.6	1.3	0.7	0.7	0.7
Korea										
Korea Exchange (KRX)	10.5	-1.4	0.4	13.9	-8.8	27.2	26.7	26.5	28.3	25.4
Mexico										
CCV	40.3	7.1	-6.7	52.8	-4.8	13.9	14.6	14.6	21.2	19.0
Asigna	-19.3	-69.9	-32.7	-11.3	5.8	203.1	59.8	43.2	36.4	36.4
Netherlands										
LCH.Clearnet SA	38.0	21.0	-43.3	25.3	-5.8	889.8	1,058.5	628.8	774.4	730.8
Russia										
MICEX	137.7	0.6	-12.4	13.0	27.5	205.5	188.8	191.4	202.1	226.2
RTS CC	147.9	34.4	27.3	95.1	67.6	22.6	27.7	40.8	74.5	109.6
NCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	33.9
Saudi Arabia										
Saudi Arabia clearing	-53.3	-30.2	-38.7	-42.9	37.9	177.3	109.9	89.5	44.5	49.2
Singapore										
CDP	97.4	-40.0	-12.1	16.0	-14.8	226.2	144.3	128.1	131.5	111.9
South Africa			nav					nav		
Sweden										
OMXDM	37.2	-14.6	nav	nav	nav	124.7	107.4	nav	nav	nav
SE Nasdaq OMXDM	nav	nav	nav	nav	nav	nav	nav	88.3	nav	nav
Switzerland										
SIX x-clear	62.4	-5.2	-18.8	30.6	-4.1	322.6	298.3	247.0	313.4	295.0
Turkey										
Takasbank	-50.8	-0.6	5.4	0.8	2.4	400.2	388.5	435.0	404.6	387.6
United Kingdom										
LCH.Clearnet Ltd	70.1	13.5	-33.2	nav	nav	51.9	59.9	42.0	nav	nav
LCH.Clearnet SA	17.7	-17.6	-21.5	50.2	15.2	1.3	1.1	0.9	1.3	1.6
United States										
NSCC	58.0	7.3	-33.1	2.3	-1.2	2.0	2.2	1.5	1.5	1.5
FICC/GSD	13.6	-2.8	-10.3	20.0	-0.5	7.2	7.1	6.5	7.6	7.5
FICC/MBSD	21.7	13.1	-14.4	8.4	-8.8	0.7	0.8	0.7	0.7	0.6

Table CCP4
Participation in selected central counterparties and clearing houses
(end of year)

System	Total number of participants				
	2007	2008	2009	2010	2011
Australia					
ASX Clear	57	54	49	44	43
ASX Clear (Futures)	nav	15	15	15	17
Belgium					
LCH.Clearnet SA	nav	nav	nav	nav	nav
Brazil					
BmfBovespa-Equities	nav	58	64	91	92
BmfBovespa-Derivatives	86	88	81	79	82
BmfBovespa-Securities	76	76	53	65	64
CETIP	nav	nav	nav	556	567
Canada					
CDCC	34	34	34	37	37
NGX	169	201	214	229	237
ICE	12	10	10	10	9
China					
SD&C	273	262	258	220	222
France					
LCH.Clearnet SA	111	106	103	103	114
Germany					
Eurex Clearing AG	118	109	117	128	149
Hong Kong SAR					
CCASS	19,571	21,973	22,709	23,241	24,006
India					
CCIL	204	204	223	237	245
NSCCL	1,084	1,191	1,263	1,328	1,382
BOISL	957	990	1,002	1,325	1,370
Italy					
CCG	74	75	70	71	71
LCH.Clearnet SA	nav	nav	nav	nav	nav
Japan					
JSCC	180	173	162	155	142
JDCC	62	62	60	57	56
JGBCC	37	35	35	35	35
TFX	63	67	65	71	70
OSE	95	92	90	91	92
Korea					
Korea Exchange (KRX)	86	93	91	92	92
Mexico					
CCV	24	25	26	26	26
Asigna ¹	9	9	9	5	5
Netherlands					
LCH.Clearnet SA	nav	nav	nav	nav	nav
Russia					
MICEX	1,069	1,113	1,188	786	nap
RTS CC	132	390	368	351	387
NCC	nap	nap	nap	nap	715
Saudi Arabia					
Saudi Arabia clearing house	18	20	21	22	23
Singapore					
CDP	65	66	62	63	63
South Africa			nap		
Sweden					
OMXDM	46	50	nav	nav	nav
SE Nasdaq OMXDM	nav	nav	82	nav	nav
Switzerland					
SIX x-clear	73	75	74	71	71
Turkey					
Takasbank	139	132	130	131	127
United Kingdom					
LCH.Clearnet Ltd	117	111	118	148	159
LCH.Clearnet SA	nav	nav	nav	nav	nav

Mexico: ¹ Please refer to the individual country tables for a detailed explanation.

Table CCP4 (cont)

System	Total number of participants				
	2007	2008	2009	2010	2011
United States					
NSCC	226	221	203	191	187
FICC/GSD	103	97	98	106	101
FICC/MBSD	90	103	67	73	73

Table CSD1
Features of selected central securities depositories
(at end-2011)

System	Type of securities held	Owner/manager	Settlement system	Closing time for same-day transactions	Links to other CSDs
Australia					
ASX Settlement	E, O	SE ¹	ASX Settlement	DVP: 10:30, FoP: 19:00	no link
Austraclear	DOM, B, C, G	SE ¹	Austraclear	18:30 ² , 20:30 ³	no link
Belgium					
NBB SSS	B, C, G, O	CB	NBB SSS	17:00, 17:30 ¹	no link
Euroclear Belgium	B, C, E, O	O	Euroclear Belgium	17:00	direct: Euroclear Bank
Euroclear Bank	B, C, G, E, O	O, B	Euroclear Bank	18:30	direct: 12 indirect: 32
Brazil					
SELIC	DOM; G	CB	SELIC	18:30	no link
BMFBOVESPA-Equities	DOM; E, B, O	SE	BMFBOVESPA-Equities	17:00	no link
CETIP	DOM; B,C,G	B, O	CETIP	19:00	no link
Canada					
CDS	DOM, INT, B, C, G, E	B, SE, O ¹	CDSX	16:00 ²	direct: DVP: DTC. direct: FoP: Euroclear France, SEB, CAVALI, JASDEC
China					
SD&C	DOM, B, G, E, O	SE ¹ , O	SD&C ²	16:00	nav
CDC Depository and Settlement System	B, G, O	O	CDC Depository and Settlement System	17:00	direct: Central Moneymarkets Unit, Clearstream Banking Luxembourg
France					
Euroclear France	B, G, E, O	O	ESES France ¹	17:00	FoP: 16 ²
Germany					
Clearstream Banking AG	DOM, INT: B, C, G, E, O	SE ¹	CASCADE, CREATION	DVP: 16:30 ² , FoP: 18:00	direct: DVP: EUR, CHF, DKK; direct: FoP: EUR: 6, USD, JPY; indirect: 45
Hong Kong SAR					
CCASS	DOM, B, G, E, O ¹	SE	CCASS ²	15:45	nav
CMU	DOM, INT, B, C, G	CB	Central Moneymarkets Unit	16:00	direct: FoP/DVP ³
India					
RBI (SSS)	G	CB	SSS	19:30	nap
NSDL	E, B, O	SE, O	NSDL	15:30	direct
CDSL	E, B, O	SE, O	CDSL	15:30	direct
Italy					
Monte Titoli	G, E, B, O	O ¹	Express II	18:30	direct: DVP:EUR:2; direct: FoP: EUR:5; USD, CHF
Japan					
BOJ	DOM: G	O	BOJ-NET	16:30	no link
JASDEC	DOM: O, B ¹	SE, O, B	JASDEC	17:00	no link
	DOM: E ²	SE, O, B	JASDEC	DVP: 13:50 FoP: 15:30	direct: FoP: 3
	DOM: E ³	SE, O, B	JASDEC	13:00	
Korea					
Korea Securities Depository (KSD)	B, C, G, E, O	SE, O, B	KSD	DVP: 16:00 ¹ , 17:00 ²	direct: DVP, FoP: 3 direct: Fop: 2 indirect: DVP, FoP: 33 ³

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Type of securities held	Owner/manager	Settlement system	Closing time for same-day transactions	Links to other CSDs
Mexico Indeval	B, C, G, E, O	B, SE, CB, O	DALI	16:15	direct/indirect: FoP/DVP: EUR/USD/GBP: 4
Netherlands Euroclear Netherlands	nav	O ¹	nav	nav	nav
Russia NSD	DOM: B, G, E INT: B, G, E	SE, B, O	NSD	17:00 ¹ 20:00 ²	direct ³ : FoP: 6, DVP: 2
DCC	DOM: B, E, O INT: B, E, O	B, SE, O	MICEX - RTS - DCC - RTS SC	FoP: 22:00 DVP: 19:00	direct: Euroclear Bank, Central depositories of Belarus, Kazakhstan, Ukraine; indirect: Clearstream Banking
Saudi Arabia Tadawul	DOM, B, E, G	SE ¹	Equator	15:30	no link
Singapore MEPS+(SGS)	G	CB	MEPS+	19:00	nav
DCSS	B	SE	PSMS ¹	17:30	nav
CDP	DOM, INT, B, E, O, G	O	CDP	12:00	nav
South Africa SAFIRES	B, E	B, SE, O ¹	SAFIRES	15:00	no link
Sweden Euroclear Sweden	DOM, B, G, E, O	B, O	VPC	17:00	direct: FoP: DKK, GBP, EUR: 2, CHF; direct: DVP:EUR; indirect: FoP: DKK, EUR, ISL, USD; indirect: DVP: USD
Switzerland SECOM	DOM: B, G, E, O; INT: B, G, E, O	B, CB ¹	SECOM	14:30 ² ; 21:30 ³	direct: DVP, FoP: 7; indirect: DVP, FoP: 51
Turkey Takasbank	DOM, INT, E ¹ , O ²	SE, B ³ , O ³	Takasbank	21:00	direct/indirect: Euroclear, FoP/DVP
Central Registry Agency (MKK)	DOM: B, E, O	SE, O	Central Dematerialized System ⁴	DVP: 17:00; FoP: 18:30	no link
TIC-ESTS	G	CB	TIC-ESTS	17:30	no link
United Kingdom CREST ¹	DOM, B, C, G, E, O	CB, B, O	RTGS	DVP: 16:10; FoP: 16:40	DVP: SIS SegaInterSettle AG; FoP: Euroclear SA and Depositary Trust & Clearing Corporation
United States NBES ¹	G, O	CB	Fedwire Securities Service	15:15 ²	no link
DTC	B, C, E, O	B, O	DTC-NSCC Consolidated Settlement Service	15:20 ²	direct: 13; indirect: 1

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Intraday finality	DVP (Delivery Versus Payment)	Delivery lag (T+n)	Currencies	Cash settlement agent
Australia					
ASX Settlement	yes	DVP3	T+3	AUD	CB
Austraclear	yes	DVP1	T ⁴ , T+1 ⁵ , T+3 ⁶	AUD	CB
Belgium					
NBB SSS	yes	DVP1	T+2, T+3	EUR	CB
Euroclear Belgium	yes	DVP1	T+3	EUR	CB
Euroclear Bank	yes	DVP1	T, T+n	36	B
Brazil					
SELIC	yes	DVP1	T	BRL	CB
BMFBOVESPA-Equities	no ¹	DVP3	T+1 ² ; T+3	BRL	CB
CETIP	no ¹	DVP3	T+1	BRL	CB
Canada					
CDS	yes	DVP2	T+3 ³ , T+0 ⁴ , T+2 ⁵ , T+3 ⁶	CAD, USD	CB: CAD; B: USD
China					
SD&C	no	DVP1, DVP2	T+1, T+3	RMB, USD, HKD	B
CDC Depository and Settlement System	yes	DVP1	T	RMB	CDC
France					
Euroclear France	yes	DVP1	T+3	EUR	CB
Germany					
Clearstream Banking AG	yes	DVP1	T+2 ³ , T- T+40 ⁴	EUR, 42	CB, B
Hong Kong SAR					
CCASS	yes	DVP1, DVP3 ⁴	T+2	HKD, USD, CNY	B
CMU	yes	DVP1, DVP3	T+0- T+2	HKD, USD, EUR, CNY	CB
India					
RBI (SSS)	yes	DVP3	T+0, T+1	INR	CB
NSDL	yes	DVP3	T+2	INR	B
CDSL	yes	DVP3	T+2	INR	B
Italy					
Monte Titoli	yes	DVP1, DVP3	T+3 ² , T- T+n ³	EUR	CB
Japan					
BOJ	yes	DVP1	T- T+3	JPY	CB
JASDEC	yes	DVP1	T- T+3	JPY	CB
	no	DVP2	T- T+3	JPY	CB
	no	DVP3	T+2, T+3	JPY	CB, B
Korea					
Korea Securities Depository	yes	DVP1, DVP3	T, T+1, T+2	KRW	CB, B
Mexico					
Indeval	yes	DVP3 ¹	T	MXN	CB
Netherlands					
Euroclear Netherlands	yes	DVP1	T+3	EUR/non-EUR	CB, B
Russia					
NSD	yes	DVP1, DVP3	T+0, T+N	RUR, USD, EUR, CHF, GBP	NSD
DCC	yes	DVP2	T+4	RUR, USD	RTS SC
Saudi Arabia					
Tadawul	yes	DVP1 ² , DVP3 ³	T+0 ² , T+2 ³	SAR	CB, B
Singapore					
MEPS+(SGS)	yes	DVP1	T+1, T+2, T+3	SGD	CB
DCSS	yes	DVP1	T+0 ²	SGD	B, CB
CDP	yes	DVP2	T+3	SGD, AUD, HKD, USD	B
South Africa					
SAFIRES	yes	DVP1	T+3 ² , T+5 ³	ZAR	CB
Sweden					
Euroclear Sweden	yes	yes	T+2, T+3	SEK, EUR	CB

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Intraday finality	DVP (Delivery Versus Payment)	Delivery lag (T+n)	Currencies	Cash settlement agent
Switzerland SECOM	yes	DVP1	T, T+3	35	CB: CHF; B: CHF and all other 34 currencies: SIX SIS
Turkey Takasbank	yes	DVP3	T+0 ⁵ , T+1 ⁶ , T+2 ⁷	TRY, USD, EUR	Takasbank
Central Registry Agency (MKK)	yes	DVP1 ⁸ , DVP3 ⁹	T+0, T+2	TRY	Takasbank
TIC-ESTS	yes	DVP1	nap	TRY	CB
United Kingdom CREST	yes	DVP1 ² , DVP2 ³	T ⁴ , T+1 ⁵ , T+3 ⁶	GBP, EUR, USD	CB, B
United States NBES ¹	yes	DVP1	T, T+1	USD	CB
DTC	no	DVP2	T, T+3	USD	CB

Australia: ¹ ASX Group. ² Australian eastern standard time. ³ Australian eastern daylight-saving time. ⁴ Short-term debt securities if terms are agreed prior to midday. ⁵ Short-term debt securities if terms are agreed after midday. ⁶ Long-term debt securities.

Belgium: ¹ Monetary policy and credit operations.

Brazil: ¹ Some special transactions have intraday finality. ² Payments relating to derivatives on stocks.

Canada: ¹ IIROC. ² Once payment exchange commences usually at 16:00, no further funds settlement is permitted that day; however, securities settlement can occur up to 19:30. ³ Equities. ⁴ GoC T-bills and money market securities. ⁵ GoC bonds with maturity of three years or less. ⁶ GoC bonds with maturity of more than three years and all provincial, municipal, corporate and other bonds or other certificates of indebtedness including mortgage-backed securities.

China: ¹ Shanghai Stock Exchange and Shenzhen Stock Exchange each hold 50% of SD&C's shares. ² There is no official name for the system yet.

France: ¹ ESES France replaced RGV2 in November 2007 while the revocable channel was suppressed. ² Eleven links are operating in EUR.

Germany: ¹ Deutsche Börse AG. ² 17:30 for specific Euro GC pooling transactions. ³ For stock exchange. ⁴ For over-the-counter.

Hong Kong SAR: ¹ Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights, depository receipts; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds, REITs. ² CCASS stands for Central Clearing and Settlement System. ³ Austraclear in Australia and New Zealand, Korean Securities Depository in South Korea, China Govt Sec Depository Trust and Clearing Com Ltd in Mainland China. ⁴ Exchange trade: They are settled under continuous net settlement system on a netting basis, with final transfer of securities from the seller to the buyer at securities-on-hold status occurring throughout the 4 batches settlement runs processing cycle on T+2, with the final netting funds from the buyer to the seller on same value day. The allocated on-hold securities will become available upon receipt of bank confirmation of brokers' designated banks at about 20:00 on T+2; Non-exchange trade: securities transfer instructions are settled on a trade-by-trade basis, with final transfer of securities from the seller to the buyer occurring throughout the 4 batch settlement runs processing cycle, with the final transfer of fund from the buyer to the seller on same value day.

Italy: ¹ Monte Titoli spa. ² For main regulated markets (eg stock exchange) and MTFs. ³ For OTC trades.

Japan: ¹ For commercial paper, corporate and other debt securities, investment trusts. ² For equities traded outside the exchanges. ³ For exchange-traded equities cleared via the Japan Securities Clearing Corporation.

Korea: ¹ Transactions on exchange. ² OTC Market. ³ Links to other CSDs through global custodians, counted on a country basis.

Mexico: ¹ DVP settlement cycle occurs every two minutes or less.

Netherlands: ¹ Euroclear Group.

Russia: ¹ For depo orders on OTC transactions. For some transactions other closing time may be set during the business day, until that time depo orders are accepted and being settled within the same business day. ² For settlement at the stock exchange. ³ Via NSD accounts open with CSDs.

Saudi Arabia: ¹ Tadawul. ² For equities. ³ For bonds.

Singapore: ¹ Pre-Settlement Matching System. ² Shares will be transferred once payment is confirmed on settlement date.

South Africa: ¹ The owners are stock exchange and banks and the manager is STRATE Ltd. ² T+3 for bonds. ³ T+5 for equities.

Switzerland: ¹ The Swiss National Bank owns an immaterial number of shares of SIX Group. ² For central bank money. ³ For commercial bank money.

Turkey: ¹ Takasbank is the custodian for non-fungible domestic stocks. ² Takasbank is the custodian for domestic private pension funds. ³ Takasbank is owned by 19 banks and 67 brokerage houses, none of which can exceed a 5% share. ⁴ Settlement is processed and finalized through the MKK-Takasbank integrated system. Takasbank, as the cash clearing agent, manages the DVP system. ⁵ G-Bonds, T-Bills and Repos. ⁶ Derivatives T+1 until 14:00. ⁷ Equities. ⁸ Securities for delivery lag of T+0. ⁹ Securities for delivery lag of T+2.

United Kingdom: ¹ Owned and operated by Euroclear UK and Ireland. ² For sterling and euro settlement. ³ For US dollar settlement. ⁴ T for delivery by value transactions. ⁵ T+1 for gilts. ⁶ T+3 for equities.

United States: ¹ NBES is the Federal Reserve's National Book-Entry System. ² Eastern time.

Table CSD2

Transactions processed by selected central securities depositories: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	0.24	0.29	0.33	nav	nav	nav	22.9	13.0
Belgium										
NBB SSS	0.30	0.33	0.34	0.41	0.52	7.9	8.6	2.7	21.1	27.2
Euroclear Belgium	1.35	1.26	1.80	1.72	1.80	12.4	-6.7	42.8	-4.7	5.1
Euroclear Bank	40.7	37.0	38.4	48.2	60.8	19.8	-9.0	3.7	25.6	26.0
Brazil										
SELIC	2.56	2.71	2.65	3.01	3.37	1.2	5.9	-2.2	13.7	12.0
BMFBOVESPA-Equities	nav	nav	nav	17.09	16.99	nav	nav	nav	nav	-0.6
CETIP	13.50	18.90	21.46	26.01	34.90	40.6	40.0	13.5	21.2	34.2
Canada										
CDS	138.6	207.1	258.6	337.1	418.5	36.7	49.4	24.9	30.4	24.1
China										
SD&C	4,985.4	3,916.5	7,069.6	6,145.9	4,769.7	239.4	-21.4	80.5	-13.1	-22.4
CDC Depository and Settlement System	141.5	212.1	271.6	438.9	515.7	-4.2	49.9	28.0	61.6	17.5
France										
Euroclear France	34.49	30.38	26.64	26.12	27.64	5.3	-11.9	-12.3	-1.9	5.8
Germany										
Clearstream Banking AG	67.24	56.01	55.85	58.40	63.17	13.7	-16.7	-0.3	4.6	8.2
Hong Kong SAR										
CCASS	16.67	15.68	17.49	19.94	20.65	83.2	-5.9	11.5	14.0	3.6
CMU	0.039	0.034	0.060	0.091	0.114	6.4	-13.7	79.5	50.0	25.1
India										
RBI (SSS)	nav	nav	0.36	0.37	0.34	nav	nav	nav	3.3	-7.6
NSDL	192.4	123.5	175.3	185.8	118.1	46.5	-35.8	42.0	6.0	-36.4
CDSL	72.41	62.75	78.60	83.35	56.57	45.5	-13.3	25.3	6.0	-32.1
Italy										
Monte Titoli	30.34	26.03	28.59	25.91	23.49	6.0	-14.2	9.8	-9.4	-9.3
Japan										
BOJ	4.28	4.49	3.90	3.84	3.93	16.2	4.8	-13.1	-1.7	2.3
JASDEC	65.39	73.78	88.06	87.08	85.45	7.9	12.8	19.3	-1.1	-1.9
Korea										
KSD	7.00	7.43	7.97	9.01	9.48	17.0	6.2	7.3	13.0	5.2
Mexico										
Indeval	4.13	4.09	3.87	4.08	4.65	15.1	-1.0	-5.4	5.3	13.9
Netherlands										
Euroclear Netherlands	4.60	4.40	4.82	4.88	5.21	19.6	-4.3	9.6	1.2	6.9
Russia										
NDC	2.49	2.54	2.48	nap	nap	30.4	2.0	-2.2	nap	nap
NSD	nap	nap	nap	2.74	2.59	nap	nap	nap	nap	-5.2
DCC	0.39	0.38	0.21	0.35	0.13	9.6	-1.3	-45.9	68.2	-62.8
Saudi Arabia										
Tadawul	65.67	52.14	36.46	19.56	25.55	-31.7	-20.6	-30.1	-46.4	30.7
Singapore										
MEPS+(SGS)	0.060	0.083	0.059	0.071	0.079	36.4	38.3	-28.9	20.3	11.3
DCSS	44.21	61.84	53.11	60.09	nav	20.8	39.9	-14.1	13.1	nav
CDP	0.47	0.48	0.41	0.31	0.31	72.0	3.9	-15.1	-24.6	-1.3
South Africa										
SAFIRES	2.69	3.10	3.16	4.31	5.02	16.4	15.1	2.2	36.1	16.6
Sweden										
VPC	28.08	32.27	nap	nap	nap	37.5	14.9	nav	nav	nav
Euroclear Sweden	nav	nav	28.6	12.2	13.9	nav	nav	nav	-57.3	13.3
Switzerland										
SECOM	49.58	69.32	55.81	57.43	65.21	51.0	39.8	-19.5	2.9	13.5
Turkey										
Takasbank	0.000	0.000	0.000	0.000	0	9.8	-16.1	-93.6	1,000.0	-100.0
Central Registry Agency (MKK)	4.06	3.22	6.28	2.24	2.42	30.4	-20.8	95.3	-64.4	8.0
TIC-ESTS	0.10	0.10	0.08	0.09	0.13	4.0	0.2	-16.0	4.6	47.0
United Kingdom										
CREST	66.34	59.05	56.36	52.08	51.78	6.4	-11.0	-4.5	-7.6	-0.6
United States										
NBES	24.22	25.01	21.08	19.78	18.61	8.7	3.3	-15.7	-6.2	-5.9
DTC	324.9	316.6	299.5	295.0	302.3	11.0	-2.6	-5.4	-1.5	2.5

Table CSD3

Transactions processed by selected central securities depositories: value of transactions

(total for the year)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium										
NBB SSS	9,021.0	12,143.3	10,303.9	11,972.4	19,646.4	29,870.8	37,022.1	30,575.4	29,344.2	37,854.4
Euroclear Belgium	1,234.6	453.5	554.4	613.4	773.0	913.4	359.6	307.8	357.4	428.7
Euroclear Bank	390,645	363,996	300,000	366,739	462,953	9,606.4	9,839.4	7,817.4	7,605.9	7,619.2
Brazil										
SELIC	84,788	106,720	124,674	146,876	178,130	33,123.4	39,376.3	47,058.0	48,769.4	52,816.4
BMFBOVESPA-Equities	nav	nav	nav	2,050.6	2,367.8	nav	nav	nav	119.98	139.33
CETIP	2,927.2	4,964.4	5,533.9	7,653.4	10,288.6	216.8	262.7	257.9	294.2	294.8
Canada										
CDS	57,230.5	57,589.6	58,869.3	70,034.7	92,075.6	412.8	278.1	227.6	207.7	220.0
China										
SD&C	13,369.5	9,419.5	19,332.0	20,965.0	26,064.3	2.68	2.41	2.73	3.41	5.46
Settlement System	2,252.5	5,967.2	7,158.1	9,998.7	10,487.1	15.92	28.13	26.36	22.78	20.34
France										
Euroclear France	209,719	196,439	163,383	181,214	203,748	6,080.4	6,465.2	6,133.2	6,937.2	7,371.2
Germany										
Clearstream Banking AG	79,402	91,402	92,803	90,218	111,302	nav	15.11	1.53	1,544.76	1,761.99
Hong Kong SAR										
CCASS	6,488.9	6,082.2	5,279.7	5,982.4	6,655.6	389.2	387.8	301.9	300.0	322.3
CMU	1,531.0	1,583.7	5,542.1	12,017.7	16,824.3	39,197	46,997	91,606	132,453	148,169
India										
RBI (SSS)	nav	nav	2,021.8	14,088.5	13,863.1	nav	nav	5,679.3	38,327.7	40,808.9
NSDL	1,511.8	1,050.8	1,465.8	2,341.7	2,187.5	7.86	8.51	8.36	12.60	18.52
CDSL	143.30	62.84	136.47	132.27	84.52	1.98	1.00	1.74	1.59	1.49
Italy										
Monte Titoli	95,002	98,311	100,189	102,342	100,333	3,131.6	3,776.4	3,504.6	3,950.2	4,271.4
Japan										
BOJ	188,615	213,624	211,008	213,545	232,520	44,028.2	47,560.3	54,046.1	55,640.0	59,202.6
JASDEC ¹	12,261.8	14,047.4	14,015.7	14,435.1	16,339.3	187.5	190.4	159.2	165.8	191.2
Korea										
KSD	3,477.7	3,442.8	3,927.5	5,589.9	6,509.1	496.8	463.3	492.8	620.5	686.7
Mexico										
Indeval	73,742.9	76,675.0	66,060.2	74,392.4	91,365.2	17,843.5	18,747.0	17,064.8	18,247.0	19,669.0
Netherlands										
Euroclear Netherlands	nav	nav	6,316	5,982	6,591	nav	nav	nav	-5	1,264
Russia										
NDC	2,365.3	2,458.1	1,895.8	nav	nav	950.5	968.5	763.5	nav	nav
NSD	nav	nav	nav	2,231.2	2,848.0	nav	nav	nav	814.9	1,097.5
DCC	334.0	367.6	121.0	226.6	168.6	861.9	960.5	583.9	650.1	1,299.4
Saudi Arabia										
Tadawul	682.1	523.5	337.1	202.7	293.6	10.39	10.04	9.25	10.37	11.49
Singapore										
MEPS+(SGS)	575.9	604.3	475.1	589.7	732.2	9,599.0	7,281.0	8,052.2	8,305.1	9,268.0
DCSS	4.84	4.13	0.16	0.28	nav	0.110	0.067	0.003	0.005	nav
CDP	401.2	273.2	234.9	299.0	290.7	861.1	564.6	571.6	965.4	951.0
South Africa										
SAFIRES	3,121.6	4,997.6	2,861.2	3,832.6	4,036.4	1,161.2	1,614.5	904.2	889.8	803.4
Sweden										
VPC	19,121.3	18,153.8	nav	nav	nav	680.9	562.5	nav	nav	nav
Euroclear Sweden	nav	nav	9,443.4	12,012.9	14,630.9	nav	nav	329.7	981.6	1,055.5
Switzerland										
SECOM	11,382.9	16,282.4	12,617.1	14,165.1	13,925.9	229.6	234.9	226.1	246.7	213.6
Turkey										
Takasbank	0.373	0.055	0.048	0.009	0.000	6,661.7	1,172.4	16,042.9	266.6	nav
Central Registry Agency (MKK)	424.8	378.0	260.8	372.5	410.1	104.6	117.5	41.5	166.5	169.7
TIC-ESTS	1,995.1	2,799.5	3,203.6	2,427.2	4,658.5	19,890.9	27,853.7	37,927.8	27,462.6	35,866.6

¹ Converted at yearly average exchange rates.Japan: ¹ Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table26). As a consequence, they are converted at average fiscal-year exchange rates.

Table CSD3 (cont)

System	Value of transactions (USD billions) ¹					Average value per transaction (USD thousands) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
United Kingdom										
CREST	223,567	210,202	278,248	221,486	207,135	3,369.9	3,560.0	4,937.0	4,252.6	4,000.1
United States										
NBES	435,578	419,347	295,742	320,124	291,824	17,986.4	16,768.5	14,028.7	16,184.7	15,678.5
DTC	210,000	182,000	122,000	117,500	124,700	646.4	574.9	407.3	398.3	412.5

¹ Converted at yearly average exchange rates.

Table CSD3 (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 %)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium										
NBB SSS	8.0	20.5	-10.7	19.4	50.9	1,963.0	2,396.2	2,173.9	2,541.1	3,820.6
Euroclear Belgium	103.6	-67.1	28.6	13.7	15.9	268.7	89.5	117.0	130.2	150.3
Euroclear Bank	28.3	-16.6	-13.3	25.6	16.1	85,006.6	71,827.1	63,292.8	77,839.7	90,028.3
Brazil										
SELIC	13.7	12.1	21.5	-1.8	8.4	6,207.1	6,467.2	7,672.7	6,853.9	7,200.0
BMFBOVESPA-Equities	nav	nav	nav	nav	3.2	nav	nav	nav	95.7	95.7
CETIP	16.4	51.0	16.0	15.2	20.2	214.3	300.8	340.6	357.1	415.9
Canada										
CDS	-0.9	-2.5	9.2	5.4	22.7	4,021.4	3,828.8	4,396.9	4,439.9	5,292.4
China										
SD&C	306.9	-38.2	106.2	4.1	12.6	382.8	205.2	393.6	362.1	357.1
CDC Depository and	44.8	132.3	20.5	34.1	-5.0	64.5	130.0	145.7	172.7	143.7
France										
Euroclear France	21.7	-15.1	-12.6	14.6	4.6	8,122.4	6,945.3	6,229.1	7,070.5	7,339.4
Germany										
Clearstream Banking AG	36.3	4.8	6.6	1.0	14.5	2,389.3	2,525.4	2,809.9	2,731.9	3,087.6
Hong Kong SAR										
CCASS	130.0	-10.3	-14.0	10.9	5.9	3,066.6	2,773.7	2,466.6	2,614.5	2,677.1
CMU	31.1	-1.0	246.6	112.2	33.2	723.5	722.2	2,589.2	5,252.1	6,767.3
India										
RBI (SSS)	nav	nav	nav	487.8	-8.1	nav	nav	151.5	839.5	727.5
NSDL	70.4	-30.3	48.4	34.8	-12.8	125.2	81.7	109.9	139.5	114.8
CDSL	26.5	-56.0	131.0	-18.2	-40.3	11.9	4.9	10.2	7.9	4.4
Italy										
Monte Titoli	3.8	-6.5	6.4	5.7	-9.3	4,466.8	4,266.0	4,739.9	4,980.9	4,568.1
Japan										
BOJ	18.9	-1.9	-9.5	-4.4	-0.8	4,330.4	4,409.0	4,189.5	3,882.7	3,937.8
JASDEC	33.1	-0.6	-6.5	-4.3	4.6	273.0	281.5	276.2	256.4	274.3
Korea										
KSD	2.8	12.2	28.5	25.2	7.3	331.4	369.8	470.7	550.9	583.0
Mexico										
Indeval	15.6	0.8	-0.8	1.1	16.8	7,117.6	7,011.2	7,476.1	7,181.8	7,916.6
Netherlands										
Euroclear Netherlands	nav	nav	nav	-1.3	2.3	nap	nap	792.2	768	787
Russia										
NDC	75.8	-11.0	-9.5	nap	nap	181.9	147.7	154.8	nap	nap
NSD	nap	nap	nap	nap	16.3	nap	nap	nap	150.0	153.1
DCC	46.3	-5.8	-61.4	65.0	-32.2	25.7	22.1	9.9	15.2	9.1
Saudi Arabia										
Tadawul	-53.3	-30.2	-38.7	-42.9	37.9	177.3	109.9	89.5	44.5	49.2
Singapore										
MEPS+(SGS)	41.9	-7.6	-19.7	13.2	8.8	324.8	319.1	259.1	259.4	281.8
DCSS	1.6	-24.9	-96.1	63.2	nav	2.7	2.2	0.1	0.1	nav
CDP	97.4	-40.0	-12.1	16.0	-14.8	226.2	144.3	128.1	131.5	111.9
South Africa										
SAFIRES	9.6	71.0	-44.9	12.3	-1.7	1,092.2	1,822.8	1,006.6	1,054.4	987.6
Sweden										
VPC	5.7	-10.5	nav	nav	nav	4,134.0	3,732.1	nap	nap	nap
Euroclear Sweden	nav	nav	nav	17.7	8.3	nap	nap	2,324.4	2,593.7	2,714.7
Switzerland										
SECOM	14.1	26.1	-22.0	7.1	-16.6	2,525.9	3,106.1	2,470.3	2,571.5	2,104.5
Turkey										
Takasbank	260.4	-86.7	-1.9	-83.3	-100.0	0.1	0.0	0.0	0.0	0.0
Central Registry Agency (MKK)	45.2	-19.7	-22.5	30.2	10.9	65.6	51.4	42.3	50.9	52.8
TIC-ESTS	-23.0	26.6	28.6	-30.9	93.3	308.0	380.8	520.3	331.4	599.3
United Kingdom										
CREST	10.8	-1.0	52.3	-22.1	-13.8	7,910.7	7,951.4	12,715.6	9,783.1	8,551.3
United States										
NBES	12.6	-7.2	-29.1	6.7	-11.3	3,104.9	2,934.2	2,116.4	2,207.9	1,935.7
DTC	14.5	-16.4	-32.6	-5.0	3.2	1,496.9	1,273.5	873.1	810.4	827.2

¹ Converted at yearly average exchange rates.

Table CSD4
Participation in selected central securities depositories
(end of year)

System	Total number of participants				
	2007	2008	2009	2010	2011
Australia					
ASX Settlement	113	120	93	90	92
Austraclear	nav	848	763	732	743
Belgium					
NBB SSS	90	86	86	85	87
Euroclear Belgium	77	77	77	75	73
Euroclear Bank	1,381	1,346	1,324	1,342	1,383
Brazil					
SELIC	5,739	6,671	7,387	510	514
BMFBOVESPA-Equities	227	213	203	199	201
CETIP	nav	nav	nav	556	567
Canada					
CDS	103	98	97	96	98
China					
SD&C	nap	nap	nap	nap	nap
CDC Depository and	7,080	8,291	9,247	10,230	11,162
France					
Euroclear France	143	139	125	165	162
Germany					
Clearstream Banking AG	340	340	371	366	376
Hong Kong SAR					
CCASS	19,571	21,973	22,709	23,241	24,006
CMU	175	174	174	163	173
India					
RBI (SSS)	nav	nav	168	228	242
NSDL	250	274	286	293	282
CDSL	415	466	502	551	567
Italy					
Monte Titoli	356	325	299	288	266
Japan					
BOJ	329	314	306	299	297
JASDEC	290	264	248	229	219
Korea					
KSD	nav	nav	242	259	285
Mexico					
Indeval	174	109	110	111	113
Netherlands					
Euroclear Netherlands	59	54	74	70	67
Russia					
NDC	817	908	892	nap	nap
NSD	nap	nap	nap	915	960
DCC	408	416	439	408	391
Saudi Arabia					
Tadawul	40	52	59	63	56
Singapore					
MEPS+(SGS)	58	60	63	64	64
DCSS	45	46	47	47	47
CDP	65	66	62	63	63
South Africa					
SAFIRES	27	27	27	36	40
Sweden					
VPC	43	46	nap	nap	nap
Euroclear Sweden	nap	nap	45	46	48
Switzerland					
SECOM	402	431	443	434	417
Turkey					
Takasbank	106	89	91	88	86
Central Registry Agency (MKK)	465	469	457	491	540
TIC-ESTS	48	48	48	48	47
United Kingdom					
CREST	45,271	37,153	36,503	35,307	33,743
United States					
NBES	2,645	2,588	2,566	2,566	2,406
DTC	396	401	382	377	378

Table CSD5
Securities held on account at selected central securities depositories
 (end of year)

System	Number of securities held (thousands except as noted)					Market capitalisation (USD billions) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Australia										
ASX Settlement	2.21	2.22	2.18	2.22	2.22	1,303.6	671.4	1,258.4	1,442.1	1,187.0
Austraclear	nav	nav	nav	nav	nav	679.7	681.7	953.7	1,206.8	1,309.4
Belgium										
NBB SSS	1.70	1.87	1.48	1.63	1.68	493.7	555.5	665.6	645.4	664.2
Euroclear Belgium	nav	nav	nav	nav	0.77	324.7	188.9	203.6	216.5	170.5
Euroclear Bank	249.6	208.3	198.9	207.6	203.9	13,418.1	12,304.5	13,845.5	13,837.6	13,934.4
Brazil										
SELIC	1.53	1.06	0.79	0.59	0.53	916.2	766.8	1,191.3	1,415.1	1,404.8
BMFBOVESPA-Equities	1.29	1.23	1.20	1.22	1.21	634.2	278.3	501.1	744.1	589.7
CETIP	1,485.5	2,007.2	2,591.1	2,869.7	2,861.5	892.3	861.0	1,380.9	1,697.6	1,696.3
Canada										
CDS	77.98	77.44	76.37	77.49	78.25	3,383.8	2,383.5	3,238.2	3,864.0	3,850.1
China										
SD&C	1.85	1.94	2.24	2.78	3.30	4,562.0	1,834.2	3,692.5	4,185.2	3,575.8
CDC Depository and	0.94	1.12	1.44	2.34	2.94	16,885.1	22,108.4	25,672.2	30,461.7	33,896.1
France										
Euroclear France	38.83	45.76	33.35	40.03	46.74	7,820.0	6,286.7	7,251.5	6,867.8	6,496.9
Germany										
Clearstream Banking AG	3,326.4	4,634.2	4,322.0	5,085.2	2,232.9	9,056.8	8,332.6	8,854.6	8,435.0	7,490.0
Hong Kong SAR										
CCASS	5,997.0	5,741.0	6,542.0	7,818.0	6,617.0	1,338.1	647.3	1,192.6	1,453.7	1,233.3
CMU	1.17	1.00	0.89	1.14	1.56	51.17	50.30	98.06	128.73	162.54
India										
RBI (SSS)	nav	nav	0.002	0.002	0.002	nav	nav	608	752	726
NSDL ¹	236,897	282,870	351,138	471,304	579,801	1,110.6	641.2	1,203.5	1,474.6	1,338.9
CDSL ¹	49,815	70,823	77,954	104,871	133,572	149.6	90.7	179.7	241.3	191.6
Italy										
Monte Titoli	45.70	45.40	43.00	43.18	42.71	4,080.8	3,802.8	4,069.4	3,970.4	4,153.1
Japan										
BOJ	nav	nav	nav	nav	nav	6,940.9	8,685.5	8,769.9	10,574.1	11,585.5
JASDEC ¹	88.31	89.09	86.14	82.57	75.78	3,702.8	3,711.1	3,972.3	4,592.8	4,626.6
Korea										
KSD	21.32	25.90	30.30	33.86	36.93	1.11	0.88	1.09	1.20	1.28
Mexico										
Indeval	5.52	6.46	6.76	7.53	7.98	853.8	674.4	896.1	1,134.7	1,094.9
Netherlands										
Euroclear Netherlands	7.00	9.00	11.00	14.00	9.00	1,390.6	1,139.8	1,267.1	1,235.3	1,119.9
Russia										
NDC	2.40	2.80	2.90	nav	nav	251.0	199.0	251.8	nav	nav
NSD	nav	nav	nav	3.27	4.18	nav	nav	nav	356.2	300.0
DCC	3.98	4.00	3.99	4.07	3.73	126.4	31.1	74.5	124.8	102.3
Saudi Arabia										
Tadawul ¹	30,618.8	39,503.0	77,157.1	88,767.7	93,702.7	519.0	246.5	328.4	366.6	353.1
Singapore										
MEPS+(SGS)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
DCSS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CDP	nav	nav	nav	nav	nav	922.6	665.9	893.0	1,128.1	1,039.5
South Africa										
SAFIRES	1.99	1.98	1.83	3.56	4.11	755.7	429.1	687.7	952.8	788.3
Sweden										
VPC	nav	nav	nav	nav	nav	1,068.8	925.2	nav	nav	nav
Euroclear Sweden	nav	nav	nav	nav	nav	nav	nav	1,144.3	1,672.4	1,373.1
Switzerland										
SECOM	152.1	168.4	202.2	227.5	237.6	2,745.9	2,294.1	2,776.8	3,041.8	2,719.4

¹ Converted at end of year exchange rates.

Japan: ¹ Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table23). As a consequence, they are converted at end-March of following year exchange rates.

India: ¹ For number of securities held, millions.

Saudi Arabia: ¹ For number of securities held, millions.

Table CSD5 (cont)

System	Number of securities held (thousands)					Market capitalisation (USD billions) ¹				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Turkey										
Takasbank	2,092.6	1,971.8	2,012.6	2,040.4	2,033.6	4.49	4.26	6.10	7.90	7.57
Central Registry Agency (MKK) ¹	0.86	0.91	0.94	1.15	1.50	311.5	137.0	253.5	328.6	223.6
TIC-ESTS	0.36	0.38	0.44	0.56	0.60	241.12	193.77	232.56	237.67	204.53
United Kingdom										
CREST	9.28	10.07	10.55	10.87	11.01	4,827.7	2,974.1	4,717.5	5,154.5	5,211.3
United States										
NBES	1,140.4	1,148.0	1,151.5	1,160.9	1,187.1	43,359.0	47,427.1	52,662.3	56,722.6	60,295.9
DTC	3,500.0	3,500.0	3,550.0	3,610.0	3,690.0	40,000.0	28,000.0	34,000.0	37,000.0	40,000.0

¹ Converted at end of year exchange rates.

Turkey: ¹ For number of securities held, millions.