

ANNEXES

I TARGET STATISTICS

It should be noted that the statistics on domestic payments collected by the NCBs reflect the different practices followed with regard to the use of RTGS systems: some NCBs included transactions related to intraday credit, liquidity transfers, central bank operations and the settlement of ancillary systems, whereas others did not. Therefore, caution is recommended when comparing the number and value of domestic payments processed by the different national TARGET components. With the introduction of TARGET2, the successor system of TARGET, these restrictions will disappear.

CONTENTS OF THE STATISTICAL ANNEX

1. Distribution of payment flows in TARGET
 - 1.1 Distribution of payment flows in TARGET – 2006
 - 1.2 Distribution of payment flows in TARGET – 2007
2. Average value of a TARGET inter-Member State payment – intraday pattern
 - 2.1 Average value of a TARGET inter-Member State payment – intraday pattern
 - 2.2 Average value of a TARGET inter-Member State interbank payment – intraday pattern
 - 2.3 Average value of a TARGET inter-Member State customer payment – intraday pattern
3. TARGET inter-Member State intraday pattern
 - 3.1 Intraday pattern of interbank payments – value
 - 3.2 Intraday pattern of customer payments – value
 - 3.3 Intraday pattern of interbank payments – volume
 - 3.4 Intraday pattern of customer payments – volume
 - 3.5 Intraday pattern of interbank payments, cumulative – value and volume
 - 3.6 Intraday pattern of customer payments, cumulative – value and volume
4. TARGET availability per NCB and the EPM

I DISTRIBUTION OF PAYMENT FLOWS IN TARGET

Table 1.1 Distribution of payment flows in TARGET – 2006

	Total				Intra-Member State				Inter-Member State			
	Value ¹	%	Volume	%	Value ¹	%	Volume	%	Value ¹	%	Volume	%
ARTIS (AT)	7,878.5	1.5	3,333,530.0	4.0	4,188.1	1.2	2,786,919	4.3	3,690.4	2.0	546,611	2.9
ELLIPS (BE)	19,429.5	3.6	1,734,504.0	2.1	3,490.7	1.0	816,681	1.3	15,938.8	8.6	917,823	4.8
RTGS ^{plus} (DE) ²	150,776.2	28.3	37,896,390.0	45.6	104,025.4	29.8	32,748,860	51.0	46,750.8	25.3	5,147,530	27.1
KRONOS (DK)	3,157.0	0.6	116,207.0	0.1	57.1	0.0	8,189	0.0	3,099.9	1.7	108,018	0.6
EP RTGS (EE) ³	0.1	0.0	1,960.0	0.0	0.0	0.0	2	0.0	0.1	0.0	1,958	0.0
SLBE (ES)	75,588.7	14.2	9,547,022.0	11.5	68,703.9	19.7	8,515,166	13.3	6,884.8	3.7	1,031,856	5.4
EPM (ECB)	5,069.3	1.0	39,715.0	0.0		0.0		0.0	5,069.3	2.7	39,715	0.2
BOF-RTGS (FI)	3,782.9	0.7	311,834.0	0.4	1,738.8	0.5	152,415	0.2	2,044.1	1.1	159,419	0.8
TBF (FR)	135,188.1	25.3	4,577,952.0	5.5	107,990.9	31.0	2,121,980	3.3	27,197.2	14.7	2,455,972	12.9
CHAPS Euro (GB)	43,035.3	8.1	5,577,159.0	6.7	10,806.0	3.1	1,460,528	2.3	32,229.3	17.4	4,116,631	21.6
HERMES (GR)	6,872.5	1.3	1,517,585.0	1.8	4,384.7	1.3	1,194,058	1.9	2,487.8	1.3	323,527	1.7
IRIS (IE)	6,656.4	1.2	1,217,628.0	1.5	3,539.6	1.0	731,824	1.1	3,116.8	1.7	485,804	2.6
BI-REL (IT) ⁴	37,686.0	7.1	10,948,045.0	13.2	25,627.9	7.3	8,869,460	13.8	12,058.1	6.5	2,078,585	10.9
LIPS-Gross (LU)	7,878.3	1.5	670,946.0	0.8	3,386.9	1.0	197,744	0.3	4,491.4	2.4	473,202	2.5
TOP (NL)	25,297.0	4.7	4,551,544.0	5.5	9,228.2	2.6	3,696,707	5.8	16,068.8	8.7	854,837	4.5
SORBNET EURO (PL) ⁵	101.6	0.0	28,624.0	0.0	4.3	0.0	7,569	0.0	97.3	0.1	21,055	0.1
SPGT (PT)	3,392.6	0.6	1,068,464.0	1.3	1,552.9	0.4	848,987	1.3	1,839.7	1.0	219,477	1.2
Euro RIX (SE)	1,852.7	0.3	71,471.0	0.1	42.9	0.0	12,693	0.0	1,809.8	1.0	58,778	0.3
Slovenia (SI) ⁶	16.4	0.0	44,419.0	0.1	9.6	0.0	18,919	0.0	6.8	0.0	25,500	0.1
	533,524.6	100	83,135,577.0	100	348,754.4	100	64,143,292.0	100	184,770.2	100	18,992,285.0	100

Source: ECB.

Table 1.2 Distribution of payment flows in TARGET – 2007

	Total				Intra-Member State				Inter-Member State			
	Value ¹	%	Volume	%	Value ¹	%	Volume	%	Value ¹	%	Volume	%
ARTIS (AT)	8,847.8	1.4%	3,881,580.0	4.2%	4,281.5	1.1%	3,245,797	4.5%	4,566.3	2.1%	635,783	3.1%
ELLIPS (BE)	26,638.5	4.3%	2,038,280.0	2.2%	4,953.0	1.3%	895,290	1.2%	21,685.5	9.8%	1,142,990	5.5%
Cyprus (CY) ⁷	1.2	0.0%	1,849.0	0.0%	0.0	0.0%	137	0.0%	1.2	0.0%	1,712	0.0%
RTGSplus (DE) ⁸	181,232.0	29.4%	41,867,637.0	44.8%	126,527.4	32.0%	36,198,401	49.9%	54,704.6	24.7%	5,669,236	27.3%
KRONOS (DK)	4,079.9	0.7%	131,401.0	0.1%	54.1	0.0%	8,640	0.0%	4,025.8	1.8%	122,761	0.6%
EP RTGS (EE) ³	0.9	0.0%	17,677.0	0.0%	0.0	0.0%	22	0.0%	0.9	0.0%	17,655	0.1%
SLBE (ES)	87,605.4	14.2%	10,656,990.0	11.4%	78,540.9	19.9%	9,428,093	13.0%	9,064.5	4.1%	1,228,897	5.9%
EPM (ECB)	7,006.5	1.1%	43,072.0	0.0%		0.0%		0.0%	7,006.5	3.2%	43,072	0.2%
BOF-RTGS (FI)	6,124.9	1.0%	354,050.0	0.4%	2,354.2	0.6%	188,458	0.3%	3,770.7	1.7%	165,592	0.8%
TBF (FR)	145,219.2	23.5%	4,894,013.0	5.2%	114,122.3	28.9%	2,141,541	3.0%	31,096.9	14.1%	2,752,472	13.2%
CHAPS Euro (GB)	47,780.0	7.7%	5,711,342.0	6.1%	9,947.3	2.5%	1,455,418	2.0%	37,832.7	17.1%	4,255,924	20.5%
HERMES (GR)	8,421.1	1.4%	1,615,202.0	1.7%	5,616.3	1.4%	1,253,986	1.7%	2,804.8	1.3%	361,216	1.7%
IRIS (IE)	7,437.4	1.2%	1,360,234.0	1.5%	4,299.6	1.1%	811,213	1.1%	3,137.8	1.4%	549,021	2.6%
BI-REL (IT) ⁴	42,101.3	6.8%	11,503,291.0	12.3%	27,484.5	7.0%	9,348,063	12.9%	14,616.8	6.6%	2,155,228	10.4%
Lithuania (LT) ⁷	1.8	0.0%	1,150.0	0.0%	0.0	0.0%	118	0.0%	1.8	0.0%	1,032	0.0%
LIPS-Gross (LU)	9,992.0	1.6%	866,852.0	0.9%	3,762.0	1.0%	333,895	0.5%	6,230.0	2.8%	532,957	2.6%
Latvia (LV) ⁷	4.3	0.0%	9,621.0	0.0%	0.6	0.0%	5,016	0.0%	3.7	0.0%	4,605	0.0%
Malta (MT) ⁷	0.2	0.0%	12.0	0.0%	0.0	0.0%	0.0	0.0%	0.2	0.0%	12	0.0%
TOP (NL)	30,761.0	5.0%	7,059,738.0	7.6%	11,600.7	2.9%	6,111,889	8.4%	19,160.3	8.7%	947,849	4.6%
SORBNET EURO (PL) ⁵	51.5	0.0%	31,936.0	0.0%	5.1	0.0%	8,704	0.0%	46.4	0.0%	23,232	0.1%
SPGT (PT)	3,379.5	0.5%	1,217,390.0	1.3%	1,794.7	0.5%	1,002,369	1.4%	1,584.8	0.7%	215,021	1.0%
Slovenia (SI) ^{7,9)}	537.9	0.1%	803,735.0	0.9%	457.9	0.1%	731,151	1.0%	80.0	0.0%	72,584	0.3%
	616,731.4	100	93,375,701.0	100	395,412.4	100	72,574,446.0	100	221,319.0	100%	20,801,255.0	100

Source: ECB.

1) € billions.

2) The figures of RTGS^{plus} (DE) include the figures of Slovenia (SI).

3) The figures of EP RTGS (EE) are included in the figures of BI-REL (IT).

4) The figures of BI-REL (IT) include the figures of SORBNET EURO (PL) and EP RTGS (EE).

5) The figures of SORBNET EURO (PL) are included in the figures of BI-REL (IT).

6) The figures of Slovenia (SI) are included in the figures of RTGS^{plus} (DE).

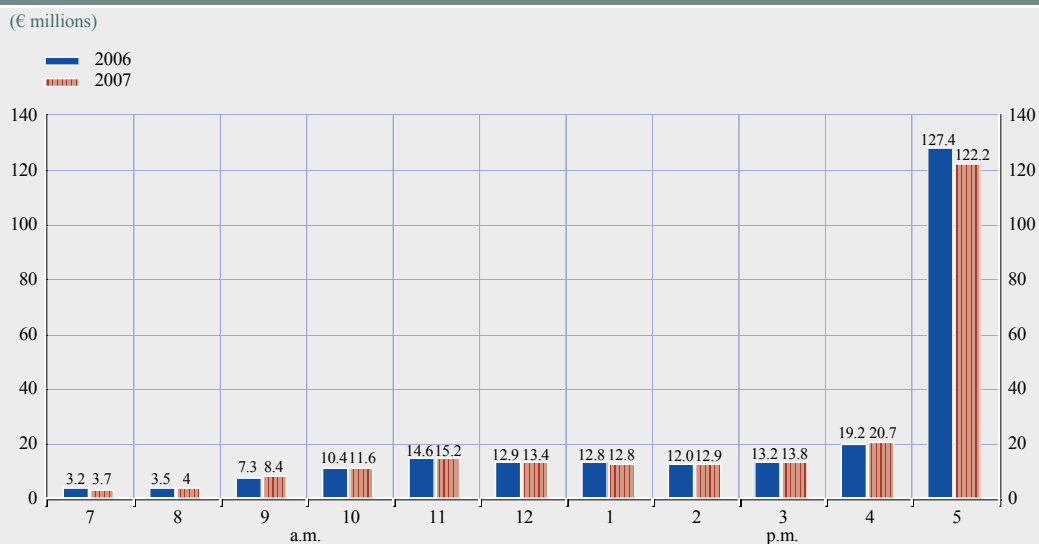
7) CY, LT, LV, MT and SI commenced live operations on the SSP on 19 November.

8) The figures of RTGS^{plus} (DE) include the figures of Slovenia (SI) until 16 November.

9) The figures of Slovenia (SI) are included in the figures of RTGS^{plus} (DE) until 16 November.

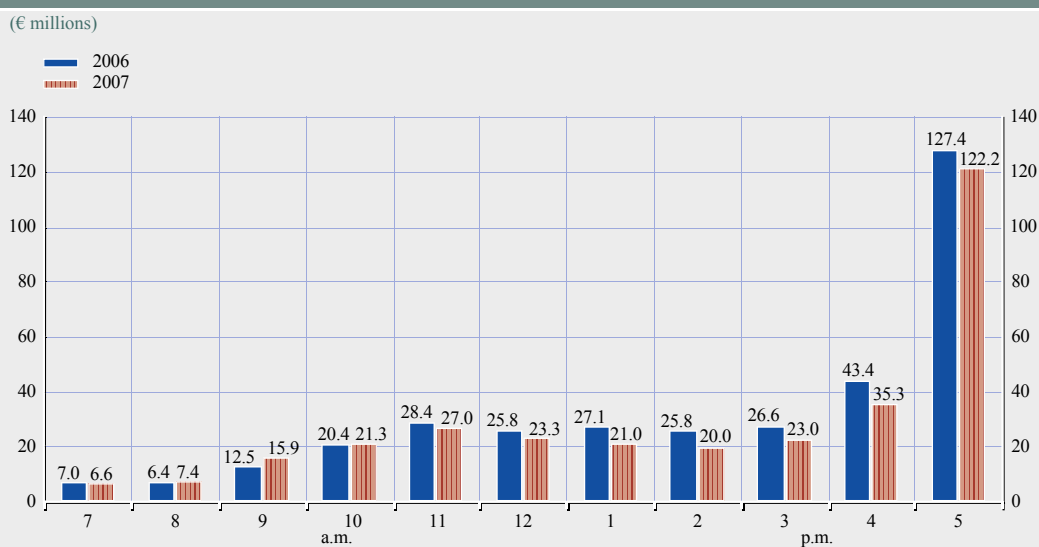
2 AVERAGE VALUE OF A TARGET INTER-MEMBER STATE PAYMENT – INTRADAY PATTERN

Chart 2.1 Average value of a TARGET inter-Member State payment – intraday pattern



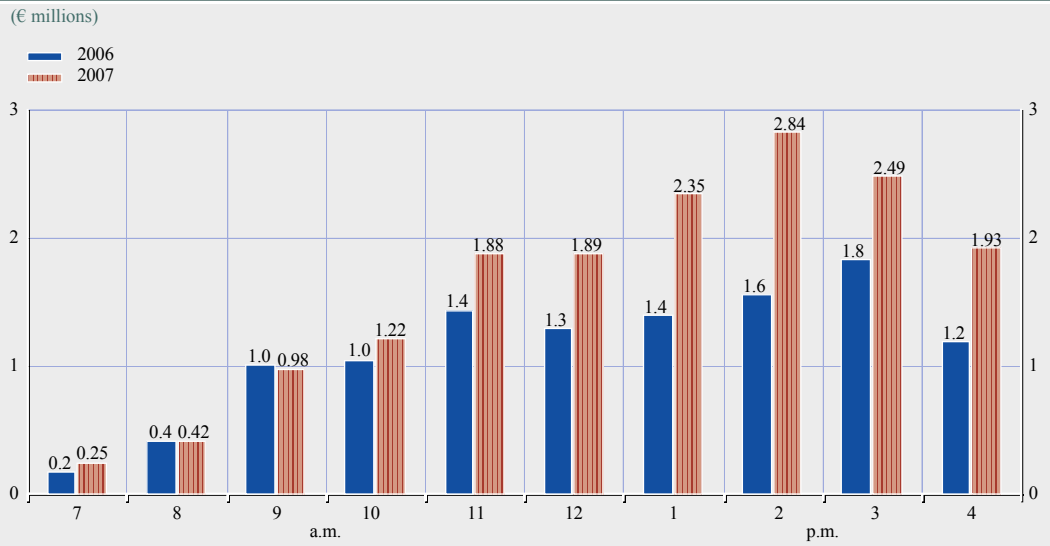
Source: ECB.

Chart 2.2 Average value of a TARGET inter-Member State interbank payment – intraday pattern



Source: ECB.

Chart 2.3 Average value of a TARGET inter-Member State customer payment – intraday pattern

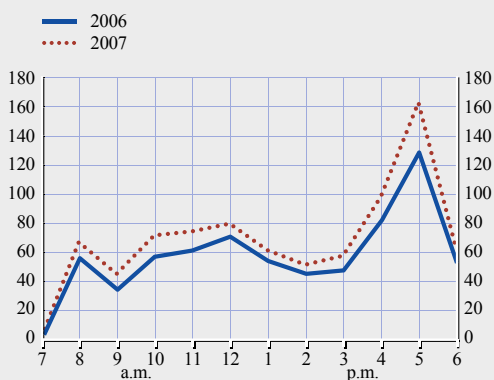


Source: ECB.

3 TARGET INTER-MEMBER STATE INTRADAY PATTERN

Chart 3.1 Intraday pattern of interbank payments – value

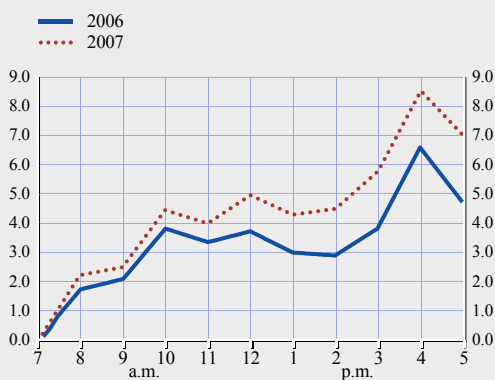
(€ millions)



Source: ECB.

Chart 3.2 Intraday pattern of customer payments – value

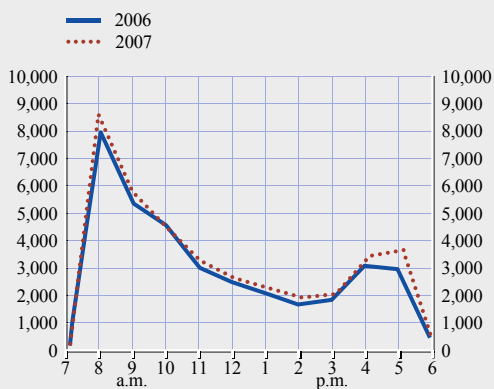
(€ millions)



Source: ECB.

Chart 3.3 Intraday pattern of interbank payments – volume

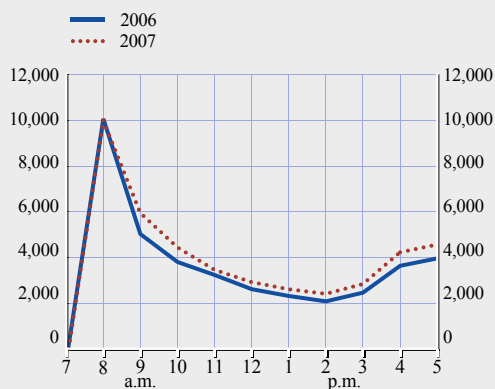
(thousands)



Source: ECB.

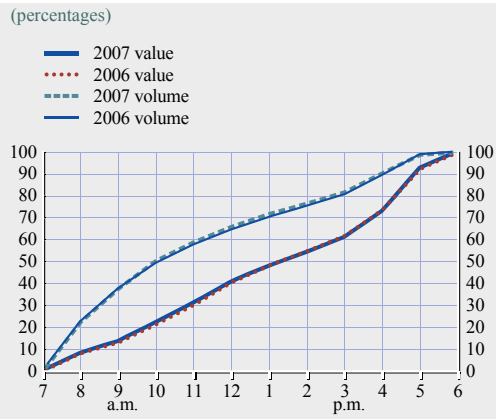
Chart 3.4 Intraday pattern of customer payments – volume

(thousands)



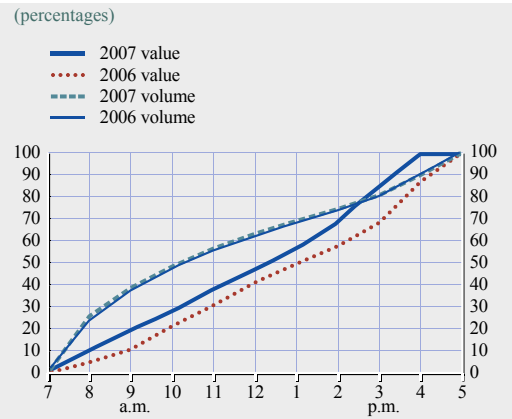
Source: ECB.

Chart 3.5 Intraday pattern of interbank payments, cumulative – value and volume



Source: ECB.

Chart 3.6 Intraday pattern of customer payments, cumulative – value and volume



Source: ECB.

4 TARGET AVAILABILITY PER NCB AND THE EPM

Overall System Availability													
(%)													
NCB	2007												Average Ytd
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
AT ¹	99.46	100.00	99.64	99.51	100.00	99.64	100.00	100.00	100.00	100.00	100.00	100.00	99.85
BE	100.00	99.83	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.82	100.00	100.00	99.97
DE ¹	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DK	99.76	100.00	100.00	99.28	99.77	100.00	99.87	100.00	100.00	99.42	99.93	100.00	99.84
EE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
ES	99.83	99.51	100.00	100.00	100.00	100.00	99.88	100.00	100.00	99.82	99.92	100.00	99.91
EU	99.72	100.00	100.00	100.00	100.00	100.00	100.00	99.88	100.00	100.00	100.00	98.06	99.81
FI	100.00	100.00	100.00	100.00	100.00	100.00	99.07	99.54	100.00	100.00	100.00	100.00	99.88
FR	99.62	98.86	99.89	100.00	97.23	100.00	100.00	100.00	100.00	99.58	98.91	100.00	99.51
GB	100.00	97.10	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.76
GR	100.00	100.00	100.00	98.88	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.21	99.84
IE	100.00	100.00	100.00	100.00	99.92	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.99
IT	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
LU ¹	100.00	99.92	100.00	100.00	100.00	100.00	99.86	100.00	100.00	100.00	100.00	100.00	99.98
NL	100.00	100.00	100.00	99.76	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.98
PL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
PT	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.24	100.00	100.00	100.00	99.94
SSP ²											100.00	100.00	100.00
Overall System Availability	99.91	99.72	99.97	99.85	99.82	99.98	99.92	99.97	99.93	99.87	99.99	99.84	99.90

Source: ECB.
1) These national components ceased to operate on 16 November 2007.
2) The TARGET2 system started operating 19 November 2007 when a first group of countries (Germany, Cyprus, Latvia, Lithuan Luxembourg, Malta, Austria and Slovenia) migrated their operations to the Single Shared Platform.