

Bank of Japan  
Payment and Settlement Systems Department

September 9, 2005

**PAYMENT AND SETTLEMENT STATISTICS**  
( July 2005 )

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## A. Settlement via Bank of Japan (BOJ) Accounts

### 1. Settlement via BOJ Current Accounts<sup>1</sup>

	Average Daily Volume of Settlements		Average Daily Value of Settlements <JPY trillions>							Others <sup>4</sup>
		BOJ Funds Transfers <sup>2</sup>		BOJ Funds Transfers <sup>2</sup>	Settlement for Private Clearing Systems <sup>3</sup>	Bill & Check Clearing Systems	Zengin System	Foreign Exchange Yen Clearing System	Tokyo Financial Exchange	
2003	20,101 ( +3.3 )	16,054	76.6 ( +4.5 )	63.3	6.4	1.6	1.7	3.1	0.001	6.9
2004	21,051 ( +4.7 )	17,088	83.0 ( +8.4 )	68.3	7.2	1.6	1.8	3.9	0.001	7.5
2004/ Jul.	20,610 ( -1.1 )	16,679	80.6 ( +5.3 )	66.8	6.9	1.4	1.5	4.0	0.001	6.9
2005/ May	21,234 ( -1.7 )	17,244	86.1 ( +0.4 )	71.9	7.5	1.4	1.8	4.2	0.000	6.7
Jun.	21,474 ( -3.7 )	17,612	89.3 ( +4.3 )	75.0	6.9	1.2	1.9	3.8	0.000	7.4
Jul.	21,217 ( +2.9 )	17,350	84.3 ( +4.5 )	71.6	6.4	1.1	1.7	3.7	0.001	6.2

Source: Bank of Japan.

1. Funds Transfers using current accounts at the Bank of Japan (BOJ current accounts).

Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

2. Funds transfers between financial institutions, including those related to call money transactions, Delivery-Versus-Payment (DVP) for Japanese government bonds (JGBs) and corporate bonds.

Figures for January 2001 to March 2003 do not include funds transfers related to the Bank's purchases of JGBs from financial institutions using Simultaneous Processing of DVP and Collateralization (SPDC). The SPDC facility enables simultaneous and linked processing of DVP and collateral transactions.

Figures for January 2001 to March 2003 include funds transfers related to sales of JGBs by the Bank or the government to financial institutions using facilities such as SPDC, which are otherwise included in "Others." Also, figures for June 2002 to March 2003 include funds transfers related to JGB issuance to financial institutions using SPDC, which are otherwise included in "Others."

3. Settlement arising from private clearing systems (the Bill and Check Clearing Systems, the Zengin System, the Foreign Exchange Yen Clearing System and the Tokyo Financial Exchange).

4. Includes money market operations and receipt and delivery of banknotes and coins.

## 2. BOJ Funds Transfers<sup>1</sup>

	Average Daily Volume of Settlements	Average Daily Value of Settlements <JPY 100 millions>	Average Daily Value per Settlement <JPY 100 millions>	Third-party Transfers <sup>2</sup>		
				Average Daily Volume of Settlements	Average Daily Value of Settlements <JPY 100 millions>	Average Daily Value per Settlement <JPY 100 millions>
2003	16,054 ( +5.8 )	632,893 ( +4.6 )	39.4	171	21,406	125
2004	17,088 ( +6.4 )	683,095 ( +7.9 )	40.0	182	21,023	115
2004/ Jul.	16,679 ( -1.0 )	668,180 ( +4.1 )	40.1	181	18,490	102
2005/ May	17,244 ( -1.8 )	719,107 ( +3.8 )	41.7	198	20,813	105
Jun.	17,612 ( -4.1 )	749,821 ( +5.9 )	42.6	234	21,138	90
Jul.	17,350 ( +4.0 )	716,449 ( +7.2 )	41.3	228	19,769	87

Source: Bank of Japan.

1. Funds transfers between financial institutions, including those related to Delivery-Versus-Payment (DVP) for Japanese government bonds (JGBs) and corporate bonds.

Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

Figures for January 2001 to March 2003 do not include funds transfers related to the Bank's purchases of JGBs from financial institutions using SPDC.

Figures for January 2001 to March 2003 include funds transfers related to sales of JGBs by the Bank or the government to financial institutions using facilities such as SPDC. Also, figures for June 2002 to March 2003 include funds transfers related to JGB issuance to financial institutions using SPDC.

2. Payment orders sent with the receiving bank's customer information.

### 3. JGB Book-Entry Transfers and JGB Transfer Registrations

#### 3-1. Volume and Value of Transfers and Registrations<sup>1</sup>

##### (1) Average Daily Volume

	Book-Entry Transfers <sup>2</sup>			Transfer Registrations <sup>3</sup>	
	Average Daily Volume			Average Daily Volume	
	of Transfers	DVP	SPDC	of Requests	DVP
2003	11,995 ( +3.5 )	8,747 ( +3.5 )	8,582 ( +2.7 )	6.58 ( -85.2 )	0.03 ( -95.2 )
2004	12,703 ( +5.9 )	9,214 ( +5.3 )	8,967 ( +4.5 )	1.05 ( -84.1 )	0.01 ( -75.1 )
2004/ Jul.	12,315 ( -1.2 )	8,882 ( -4.3 )	8,631 ( -5.3 )	1.95 ( -25.9 )	0.00 ( ... )
2005/ May	13,083 ( +0.7 )	9,305 ( -2.5 )	9,074 ( -2.5 )	0.11 ( -84.2 )	0.00 ( ... )
Jun.	13,611 ( -2.2 )	9,702 ( -5.0 )	9,458 ( -4.8 )	0.05 ( -97.6 )	0.05 ( ... )
Jul.	13,161 ( +6.9 )	9,314 ( +4.9 )	9,057 ( +4.9 )	0.20 ( -89.8 )	0.00 ( ... )

##### (2) Average Daily Value in JPY 100 Millions

	Book-Entry Transfers <sup>2</sup>			Transfer Registrations <sup>3</sup>	
	Average Daily Value			Average Daily Value	
	of Transfers	DVP	SPDC	of Requests	DVP
2003	478,097 ( +6.5 )	284,735 ( +11.3 )	279,294 ( +10.3 )	19.54 ( -86.8 )	0.02 ( -88.6 )
2004	573,562 ( +20.0 )	319,414 ( +12.2 )	305,705 ( +9.5 )	3.25 ( -83.4 )	0.00 ( -95.6 )
2004/ Jul.	579,596 ( +18.5 )	317,449 ( +6.7 )	302,633 ( +3.8 )	10.80 ( +81.8 )	0.00 ( ... )
2005/ May	643,610 ( +9.7 )	345,175 ( +3.6 )	337,798 ( +6.1 )	0.16 ( -93.1 )	0.00 ( ... )
Jun.	674,928 ( +8.6 )	361,692 ( +2.8 )	354,673 ( +5.6 )	0.05 ( -98.4 )	0.05 ( ... )
Jul.	647,150 ( +11.7 )	340,604 ( +7.3 )	332,954 ( +10.0 )	0.47 ( -95.6 )	0.00 ( ... )

Source: Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

Figures until December 2000 include transactions using substitute certificates.

2. Transfers between securities accounts in the Transfer Account Books at the Bank of Japan under the JGB Book-entry System.

3. Changes in the names of JGB holders in the Registration Books under the JGB Registration System.

### 3-2. DVP for JGB Book-Entry Transfers and JGB Transfer Registrations<sup>1</sup>

#### (1) Average Volume of Transfers and Registrations per Hour

	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	16:00 - <sup>2</sup>	Total
2003	6,545	1,454	422	177	79	61	8	0	8,747
2004	6,773	1,640	500	190	58	50	4	0	9,214
2004/ Jul.	6,736	1,415	419	201	60	49	2	0	8,882
2005/ May	6,925	1,719	398	136	58	62	7	0	9,305
Jun.	7,329	1,767	424	105	38	38	2	0	9,702
Jul.	7,235	1,553	389	66	39	30	2	0	9,314

#### (2) Average Value of Transfers and Registrations per Hour in JPY 100 Millions

	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	16:00 - <sup>2</sup>	Total
2003	219,797	44,673	10,734	4,608	2,042	2,542	328	11	284,735
2004	241,886	53,740	14,546	5,093	1,653	2,144	325	27	319,414
2004/ Jul.	247,037	47,963	12,301	5,519	1,977	2,200	395	56	317,449
2005/ May	263,286	60,426	13,564	3,905	1,500	2,264	213	17	345,175
Jun.	273,781	65,967	15,266	3,448	1,265	1,638	308	19	361,692
Jul.	267,344	54,237	14,011	2,050	1,466	1,217	268	10	340,604

Source: Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

Figures exclude transactions using substitute certificates.

2. Figures from 16:00 to the end of daily operations.

### 3-3. Other Figures related to DVP for JGBs

	Time Taken for the Settlement Process <sup>1</sup>	Basic Figures on Fails					DVP for JGBs	
		Number of Fails <sup>2</sup>	Total Value <JPY 100 millions>	Average Duration <business days>	Longest Duration <business days>	Number of Buy-Ins <sup>3</sup>	Volume of Transactions	Total face Value <sup>4</sup> <JPY 100 millions>
2003		3,073	75,368	1.28	13	0	2,142,949	69,760,117
2004		2,520	61,690	1.24	9	0	2,266,693	78,575,955
2004/ Jul.	6.0	247	8,457	1.13	4	0	186,532	6,666,424
2005/ May	5.5	603	14,849	1.69	5	0	176,796	6,558,323
Jun.	6.6	160	4,274	1.32	9	0	213,451	7,957,225
Jul.	6.6	98	3,027	1.31	3	0	186,273	6,812,071

Source: Bank of Japan.

1. Monthly average of minutes per transaction. The length of time in minutes between origination of a JGB transfer instruction from the party delivering JGBs and the subsequent origination of payment instruction from the recipient of JGBs in every transaction processed over the BOJ-NET JGB DVP services.
2. A fail is a situation where a recipient of JGBs in a transaction does not receive the JGBs from the delivering party on the scheduled settlement date.
3. A buy-in is a procedure for settling a failed transaction. It includes (i) a purchase of either the same or similar securities from the market in accordance with No.4 of the Unified Business Practice Regulations laid down by the Japan Securities Dealers Association, and (ii) a purchase of JGBs by the Japan Government Bond Clearing Corporation (JGBCC) or its participants in accordance with the rules laid down by the JGBCC.
4. Figures exclude transactions using substitute certificates.

### 4. Intraday Overdrafts in JPY Trillions<sup>1</sup>

	Value
2003	14.7
2004	18.9
2004/ Jul.	18.9
2005/ May	19.4
Jun.	19.7
Jul.	18.2

Source: Bank of Japan.

1. Monthly average of the daily peak of outstanding balance of intraday overdrafts in BOJ current accounts measured every 10 minutes.  
Figures include intraday overdrafts incurred using SPDC.

## B. Private Clearing and Settlement Systems

### 1. Tokyo Clearing House's Bill and Check Clearing System<sup>1</sup>

	Average Daily Volume of Bills/Checks <thousands>	Average Daily Value of Bills/Checks Exchanged <JPY 100 millions>	Average Value per Bill/Check <JPY thousands>	Peak-Day Volume of Bills/Checks Exchanged <thousands>	Peak-Day Value of Bills/Checks Exchanged <JPY 100 millions>	Net Positions Settled via BOJ Current Accounts <sup>2</sup> <JPY 100 millions>		
						Average Daily Value <sup>3</sup>	Largest Net Credit/Debit Position Settled	
							Net Credit	Net Debit
2003	234 ( -8.3 )	18,132 ( -10.8 )	7,725	1,053	80,709	12,263	8,196	9,128
2004	216 ( -7.9 )	17,360 ( -4.3 )	8,034	816	70,752	11,948	9,565	13,752
2004/ Jul.	212 ( -15.4 )	15,354 ( -10.1 )	7,241	342	42,162	10,759	7,218	5,381
2005/ May	239 ( +1.0 )	16,189 ( -14.5 )	6,760	672	44,760	10,063	3,765	4,143
Jun.	187 ( -7.7 )	15,219 ( -11.7 )	8,113	597	46,111	8,738	4,170	5,101
Jul.	201 ( -5.0 )	12,820 ( -16.5 )	6,363	321	26,066	7,865	3,176	3,971

Sources: Tokyo Bankers Association, Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

2. A net position is the sum of the value of all transfers the System has received in a day less the value of all transfers it has sent.

3. The total value of all credits and debits to the BOJ current accounts held by the financial institutions.

## 2. Zengin System<sup>1</sup>

	Average Daily Volume of Transactions <sup>2</sup> <thousands>	Average Daily Value of Transactions <sup>2</sup> <JPY 100 millions>	Average Value per Transaction <sup>2</sup> <JPY thousands>	Peak-Day Volume of Transactions <sup>3</sup> <thousands>	Peak-Day Value of Transactions <sup>3</sup> <JPY 100 millions>	Net Positions Settled via BOJ Current Accounts <sup>4</sup> <JPY 100 millions>		
						Average Daily Value <sup>5</sup>	Largest Net Credit/Debit Position Settled	
							Net Credit	Net Debit
2003	5,146 ( +1.7 )	89,475 ( -1.4 )	1,739	20,473	499,083	17,029	6,748	8,336
2004	5,231 ( +1.7 )	91,573 ( +2.3 )	1,751	20,215	514,224	17,615	7,773	11,686
2004/ Jul.	5,005 ( +3.0 )	81,408 ( -0.2 )	1,626	15,993	309,280	15,047	5,658	6,551
2005/ May	5,612 ( +2.5 )	98,137 ( -0.7 )	1,749	17,657	409,810	18,171	5,634	6,047
Jun.	5,365 ( +2.7 )	87,773 ( +1.5 )	1,636	20,821	413,180	19,003	5,972	8,874
Jul.	5,264 ( +5.2 )	87,914 ( +8.0 )	1,670	16,539	330,627	16,705	6,518	4,577

Sources: Japanese Bankers Association, Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

2. Figures for instructions transmitted to the system.

3. Figures for instructions settled.

4. A net position is the sum of the value of all transfers the System has received in a day less the value of all transfers it has sent.

5. The total value of all credits and debits to the BOJ current accounts held by the financial institutions.



### 3. Foreign Exchange Yen Clearing System<sup>1</sup>

	Average Daily Volume of Transactions	Average Daily Value of Transactions <JPY 100 millions>	Average Value per Transaction <JPY 100 millions>	Peak-Day Value of Transactions <JPY 100 millions>	Net Positions Settled via BOJ Current Accounts <sup>2</sup> <JPY 100 millions>		
					Average Daily Value <sup>3</sup>	Largest Net Credit/Debit Position Settled	
						Net Credit	Net Debit
2003	32,719 ( -12.9 )	196,690 ( -21.0 )	6.0	339,274	31,014	6,724	4,426
2004	30,134 ( -7.9 )	174,909 ( -11.1 )	5.8	301,011	38,611	8,845	3,229
2004/ Jul.	28,630 ( -11.6 )	170,413 ( -10.5 )	6.0	238,074	40,383	4,476	3,007
2005/ May	28,785 ( -14.6 )	166,014 ( -7.9 )	5.8	239,333	42,295	4,587	3,048
Jun.	27,057 ( -6.3 )	160,668 ( -9.1 )	5.9	239,479	37,612	3,930	3,043
Jul.	27,554 ( -3.8 )	154,954 ( -9.1 )	5.6	214,992	36,944	5,347	3,069

Source : Tokyo Bankers Association, Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

Figures include transactions settled on an RTGS basis.

2. A net position is the sum of the value of all transfers the System has received in a day less the value of all transfers it has sent.

3. The total value of all credits and debits to the BOJ current accounts held by the financial institutions.

#### 4. Tokyo Financial Exchange (TFX)<sup>1</sup>

	Average Daily Volume of Trades <sup>2</sup>	Open Interest at the End of the Month/Year	Peak-Day Volume of Transactions	Net Positions Settled via BOJ Current Accounts <sup>3</sup>		
				Average Daily Value <sup>4</sup>	Largest Net Credit/Debit Position Settled	
					Net Credit	Net Debit
2003	16,962 ( -6.7 )	637,813 ( +23.5 )	129,679	911	3,273	2,225
2004	29,511 ( +74.0 )	1,077,642 ( +69.0 )	193,509	712	1,036	1,104
2004/ Jul.	34,711 ( +65.8 )	1,257,997 ( 2.3times )	79,528	1,091	559	673
2005/ May	26,059 ( +15.2 )	1,139,282 ( +17.5 )	81,737	403	288	253
Jun.	32,715 ( -48.8 )	971,951 ( -9.3 )	57,195	371	308	178
Jul.	35,947 ( +3.6 )	1,123,822 ( -10.7 )	68,822	502	248	340

Sources: Tokyo Financial Exchange, Bank of Japan.

1. Each payment instruction is counted once, i.e., the debit from the payer's account and the credit to the payee's account are not counted separately.

Figures in parenthesis are year-on-year percentage changes.

2. Figures for 3-month Euro-yen futures. Contract unit is 100 million yen.

3. A net position is the sum of the value of all transfers TFX has received in a day less the value of all transfers it has sent.

4. The total value of all credits and debits to the BOJ current accounts held by the financial institutions.

## 5. Japan Government Bond Clearing Corporation (JGBCC)

### 5-1 Clearing of JGB transactions<sup>1</sup>

	Average Daily Volume and Value Cleared (acceptance of settlement obligations)		Average Daily Volume and Value to be Settled after Netting (securities settlement and payments)	
	Volume	Value <sup>2</sup> (JPY millions)	Volume	Value <sup>2</sup> (JPY millions)
	Face Value (JPY millions)		Face Value (JPY millions)	
2003 2004				
2004/ Jul.				
2005/ May	10,004,348	10,218,434	3,238,495	3,306,100
Jun.	13,745,380	14,064,668	3,928,871	4,017,563
Jul.	15,387,255	15,702,645	4,061,978	4,142,099

Source: Japan Government Bond Clearing Corporation.

1. Each transaction is counted once, i.e., only deliveries and payments from JGBCC are counted and those to JGBCC are not counted.
2. Excludes obligations to transfer coupon payments received by borrowers or buyers of securities on a coupon payment date that arrived during the term of cash-collateralised securities lending or repo transactions.

### 5-2 Settlement via BOJ Current Accounts<sup>1</sup>

	Average Daily Value of Settlement (JPY millions)
2003 2004	
2004/ Jul.	
2005/ May	6,614,978
Jun.	8,040,274
Jul.	8,289,579

Source: Japan Government Bond Clearing Corporation.

1. Settlement via BOJ accounts refers to payments from/to JGBCC associated with DVP for JGBs as well as those associated with "funds only settlement".  
Some major components of "funds only settlement" are (i) transactions adjustment payments to cover the difference between the actual contract value of payment obligations and the market value of securities settlement obligations, (ii) transfer of coupon payments received by borrowers or buyers of securities on a coupon payment date that arrived during the term of cash-collateralised securities lending or repo transactions, (iii) margin payments to cover the difference between the actual contract value of forward payment obligations and the market value of forward securities settlement obligations.

## 6. Japan Securities Clearing Corporation (JSCC)

### 6-1 DVP for Exchange-Traded Securities<sup>1</sup>

	Average Daily Volume and Value Cleared (acceptance of settlement obligations)				Average Daily Volume and Value to be Settled after Netting (securities settlement and payments)		
	Volume		Value		Volume		Value
	Number of Shares (thousands)	Face Value of CBs (JPY millions)	Shares (JPY millions)	CBs (JPY millions)	Number of Shares (thousands)	Face Value of CBs (JPY millions)	Total Value of Payments (JPY millions)
2003	1,985,094	5,479	1,629,120	5,738	583,637	3,210	96,640
2004	1,992,105	3,563	1,792,105	3,832	673,786	2,163	126,062
2004/ Jul.	1,711,300	3,578	1,743,668	3,914	612,953	1,652	101,211
2005/ May	1,948,521	1,810	1,776,197	1,998	654,889	1,163	105,911
Jun.	2,364,936	1,412	1,846,502	1,547	743,093	1,082	130,490
Jul.	2,544,614	1,548	1,921,952	1,731	736,368	884	105,890

Source: Japan Securities Clearing Corporation.

1. Exchange-traded securities include shares and CBs traded at securities exchanges as well as those traded at the JASDAQ market (an OTC market opened by the Japan Securities Dealers Association) until December 2004.

The JASDAQ market was closed on 13 December 2004 and the Jasdac Securities Exchange was opened on the same day.

Each transaction is counted once, i.e., only deliveries and payments to JSCC are counted and those from JSCC are not counted.

Shares include preferred equity securities, investment securities, and beneficiary certificates of investment trusts.

CBs refer to convertible bonds and corporate bonds with subscription warrant to new shares.

### 6-2 Settlement via BOJ Current Accounts<sup>1</sup>

	Average Daily Value of Settlement (JPY millions)
2003	43,335
2004	59,913
2004/ Jul.	45,020
2005/ May	41,203
Jun.	68,615
Jul.	38,964

Source: Japan Securities Clearing Corporation.

1. Settlement via BOJ accounts refers to payments to JSCC associated with DVP for exchange-traded securities as well as those associated with futures contracts and options (e.g., cash settlement for JGB futures).

It excludes payments associated with deliveries of JGBs for JGB futures.

## 7. JASDEC DVP Clearing Corporation (JDCC)

### 7-1 DVP for Non-Exchange Traded Securities<sup>1</sup>

	Average Daily Volume and Value Cleared (acceptance of settlement obligations)				Average Daily Value of Payments to be Settled after Netting <sup>2</sup>
	Volume		Value		Value (JPY millions)
	Number of Shares (thousands)	Face Value of CBs (JPY millions)	Shares (JPY millions)	CBs (JPY millions)	
2003					
2004	730,293	11,147	866,729	12,160	110,634
2004/ Jul.	727,713	7,867	882,973	8,823	107,265
2005/ May	783,984	10,449	904,073	12,125	103,650
Jun.	814,280	9,961	929,501	11,571	104,413
Jul.	766,044	6,969	952,302	8,027	122,236

Source: JASDEC DVP Clearing Corporation.

- Each transaction is counted once, i.e., only deliveries and payments to JDCC are counted and those from JDCC are not counted.  
Shares include preferred equity securities, investment securities, and beneficiary certificates of investment trusts.  
CBs refer to convertible bonds and corporate bonds with subscription warrant to new shares.
- Excludes "settlement progress payments". "Settlement progress payments" refer to cash wired by a participant to JDCC in order to ensure the fulfillment of its payment obligations.

### 7-2 Settlement via BOJ Current Accounts<sup>1</sup>

	Average Daily Value of Settlement (JPY millions)
2003	
2004	163,279
2004/ Jul.	153,540
2005/ May	152,000
Jun.	154,728
Jul.	170,389

Source: JASDEC DVP Clearing Corporation.

- Settlement via BOJ accounts refers to payments to JDCC associated with DVP for non-exchange traded securities including "settlement progress payments".

## 8. Japan Securities Depository Center, CP settlement<sup>1</sup>

### (1) Average Daily Volume

	Underwriting	of which DVP	Transfers	of which DVP	Redemption	of which DVP	Redemption by Purchase	Settlement via BOJ Accounts
2003	3	2	2	1	2	1	0	4
2004	10	5	7	3	9	7	0	16
2004/ Jul.	10	5	7	3	9	8	0	16
2005/ May	138	55	299	211	72	48	0	314
Jun.	138	55	414	278	82	62	0	396
Jul.	128	58	520	323	118	88	0	468

### (2) Average Daily Value in JPY Millions

	Underwriting	of which DVP	Transfers	of which DVP	Redemption	of which DVP	Redemption by Purchase	Settlement via BOJ Accounts
2003	12,512	9,946	6,918	2,207	6,884	5,881	0	18,035
2004	54,718	37,136	34,281	15,167	45,819	39,286	16	91,590
2004/ Jul.	49,123	31,243	33,414	11,875	48,119	39,400	0	82,518
2005/ May	529,427	261,911	1,562,020	1,352,846	325,069	250,936	0	1,865,693
Jun.	562,624	268,032	2,071,551	1,641,116	355,651	290,534	0	2,199,682
Jul.	530,443	285,058	2,707,029	1,978,191	484,274	394,361	0	2,657,609

Source: Japan Securities Depository Center.

1. Each payment instruction is counted once, i.e., the debit from the sender's account and the credit to the receiver's account are not counted separately.

## C. Others

### 1. SWIFT (Society for Worldwide Interbank Financial Telecommunication)

	Total Messages Sent by Users in Japan <sup>1</sup>				Percentage Share of Global SWIFT Traffic <sup>2</sup>	Number of Users in Japan
		Customer Funds Transfers	Bank Funds Transfers	Others		
2003	57,115,759 ( +14.1 )	7,157,821	6,545,967	43,411,971	2.9	256
2004	70,546,885 ( +23.5 )	8,187,476	6,970,672	55,388,737	2.9	258
2004/ Jun.	6,405,314 ( +30.5 )	721,647	626,621	5,057,046	3.3	256
2005/ Apr.	5,618,250 ( -7.2 )	670,296	554,474	4,393,480	2.7	255
May	5,442,978 ( -6.0 )	643,248	548,038	4,251,692	2.7	258
Jun.	6,307,879 ( -1.5 )	705,826	616,197	4,985,856	2.9	260
Jul.	... ( ... )	...	...	...	...	...

Source: Japanese Bankers Association.

1. Number of messages sent by user banks in Japan including branches of foreign banks.

Figures in parenthesis are year-on-year percentage changes.

2. Total messages sent by users in Japan, as a percentage of global SWIFT traffic.