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PAYMENT AND SETTLEMENT STATISTICS

(August 2000)

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

1. Transactions via the BOJ Accounts¹

trillion yen, daily average; figures in parentheses are percent changes from the previous year

	Number of Transactions	BOJ Funds Transfers	Transaction Value ²	BOJ Funds Transfers	Settlement for Private Clearing Systems	Bill & Check Clearing Systems ²	Domestic Funds Transfer System	Foreign Exchange Yen Clearing System ²	Tokyo International Financial Futures Exchange ²	Others
1998	21,484 (+5.2)	15,844	174.6 (+3.1)	158.3	7.9	2.8	1.7	3.4	0.003	8.4
99	19,634 (-8.6)	14,392	140.8 (-19.4)	127.6	6.2	2.6	1.6	1.9	0.002	7.0
99/ Aug.	18,719 (-12.1)	13,680	125.3 (-26.6)	114.7	5.5	2.4	1.5	1.6	0.002	5.2
2000/ June	18,906 (-4.1)	13,958	138.4 (+0.2)	124.3	5.6	2.4	1.5	1.8	0.002	8.4
July	19,342 (-1.7)	14,398	137.3 (+2.0)	123.4	6.0	2.3	1.6	2.1	0.002	7.9
Aug.	19,126 (+2.2)	14,302	144.4 (+15.3)	131.0	5.5	2.4	1.5	1.6	0.002	8.0

1. Refers to funds transfers through the BOJ accounts among financial institutions based on the number of payment orders. Transactions are categorized into (1) funds transfers via the BOJ accounts among financial institutions, including those related to DVP settlement of Japanese Government Securities (JGS) and non-JGS bonds, (2) funds settlement arising from private clearing systems (the bill and check clearing systems, the Domestic Funds Transfer System, the Foreign Exchange Yen Clearing System and the Tokyo International Financial Futures Exchange), and (3) other transactions, such as lending to financial institutions and the receipt and payment of banknotes and coins.
2. Includes both final settlement through the BOJ accounts of financial institutions participating in each system, and the receipt and payment of funds via a “through” account of each system at the BOJ. Therefore, the transaction value for each system is double counted.

2. BOJ Funds Transfers

100 million yen, daily average of actual funds transfer based on the number of payment orders; figures in parentheses are percent changes from the previous year

	Number of Transactions	Transaction Value	Value per Transaction	Transfer Instruction with Customer Information ¹		
				Number of Transactions	Transaction Value	Value per Transaction
1998	15,844 (+8.3)	1,583,024 (+2.3)	99.9	267	50,720	190
99	14,392 (-9.2)	1,275,596 (-19.4)	88.6	245	49,925	203
99/ Aug.	13,680 (-13.6)	1,146,665 (-26.6)	83.8	210	44,346	211
2000/ June	13,958 (-3.7)	1,243,013 (-0.9)	89.1	210	44,587	213
July	14,398 (-0.6)	1,234,122 (+0.0)	85.7	225	48,190	214
Aug.	14,302 (+4.5)	1,310,164 (+14.3)	91.6	235	47,105	201

1. Refers to funds transfers in which a BOJ-NET participant (sending bank) can transfer funds to a funds receiver (receiving bank) with information on the sending and/or receiving bank's customer. Figures for total receipts and payments based on the day of settlement of transactions.

3. Japanese Government Securities (JGS) Transfer Registrations and JGS Book-Entry Transfers

3-a. JGS Transfer Registrations and JGS Book-Entry Transfers

(1) Number of Registrations and Transfers

number of transfers, daily average; figures in parentheses are percent changes from the previous year

	Transfer Registrations ¹	Book-Entry Transfers ²			
	Number of Requests	Number of Transfers	FBs	TBs	Others
1998	4,935 (+2.7)	3,133 (+9.4)	31 (-92.4)	511 (+1.6)	2,592 (+32.5)
99	3,902 (-20.9)	4,281 (+36.6)	418 (13.5times)	539 (+5.5)	3,324 (+28.2)
99/ Aug.	4,129 (-13.1)	4,160 (+29.3)	628 (23.3times)	569 (+11.7)	2,963 (+10.5)
2000/ June	497 (-89.0)	8,697 (2.1times)	548 (+4.3)	549 (-5.0)	7,600 (2.6times)
July	361 (-91.8)	9,159 (2.1times)	642 (+8.8)	403 (-27.2)	8,114 (2.6times)
Aug.	303 (-92.7)	8,679 (2.1times)	501 (-20.1)	455 (-20.1)	7,723 (2.6times)

1. Refers to the updating of the names of JGS holders in the registration book under the JGS registration system.

2. Refers to transfers between securities accounts in the participants book at the Bank of Japan under the JGS book-entry system.

(2) Registration and Transfer Value

100 million yen, daily average; figures in parentheses are percent changes from the previous year

	Transfer Registrations	Book-Entry Transfers			
	Request Value	Transfer Value	FBs	TBs	Others
1998	169,277 (+21.4)	174,005 (+17.9)	10,926 (-61.1)	42,250 (+3.2)	120,829 (+53.7)
99	117,574 (-30.5)	252,240 (+45.0)	62,916 (5.8times)	58,862 (+39.3)	130,463 (+8.0)
99/ Aug.	123,663 (-28.6)	276,768 (+31.6)	87,095 (12.5times)	59,705 (+44.4)	129,969 (-19.8)
2000/ June	21,665 (-84.7)	431,655 (+60.3)	84,932 (+13.5)	62,207 (-6.5)	284,515 (2.2times)
July	12,006 (-90.9)	448,697 (+57.3)	97,293 (+4.0)	41,333 (-35.5)	310,071 (2.4times)
Aug.	8,520 (-93.1)	476,431 (+72.1)	66,510 (-23.6)	51,968 (-13.0)	357,953 (2.8times)

3-b. Delivery-versus-Payment (DVP) settlement for JGS Transfer Registrations and JGS Book-Entry Transfers

(1) Number of Registrations and Transfers

number of transfers, daily average; figures in parentheses are percent changes from the previous year; figures in square brackets are percentage shares of transfers through the DVP settlement in all transfers in each category

	Transfer Registrations	Book-Entry Transfers			
	Number of Requests	Number of Transfers	FBs ¹	TBs	Others
1998	3,599 (+31.9) [72.9]	1,618 (+28.0) [51.6]	1 (-99.8) [1.7]	233 (-0.8) [45.6]	1,385 (+74.9) [53.4]
99	2,768 (-23.1) [71.0]	2,686 (+66.0) [62.8]	175 (343.4times) [41.9]	244 (+4.5) [45.2]	2,268 (+63.8) [68.2]
99/ Aug.	3,034 (-13.4) [73.5]	2,591 (+42.8) [62.3]	258 (***) [41.1]	273 (+14.7) [48.0]	2,060 (+30.7) [69.5]
2000/ June	201 (-93.9) [40.4]	5,984 (2.4times) [68.8]	208 (-9.0) [38.1]	262 (+0.1) [47.8]	5,514 (2.8times) [72.5]
July	107 (-96.8) [29.7]	6,584 (2.4times) [71.9]	246 (-13.5) [38.3]	169 (-34.4) [42.0]	6,169 (2.8times) [76.0]
Aug.	69 (-97.7) [22.7]	6,205 (2.4times) [71.5]	181 (-29.7) [36.1]	176 (-35.6) [38.6]	5,848 (2.8times) [75.7]

1. *** means that we are unable to calculate the figures as the previous year's figures for FBs are not available.

(2) Registration and Transfer Value

100 million yen, daily average; figures in parentheses are percent changes from the previous year; figures in square brackets are percentage shares of transfers through the DVP settlement in all transfers in each category

	Transfer Registrations	Book-Entry Transfers			
	Request Value	Transfer Value	FBs ¹	TBs	Others
1998	132,073 (+40.1) [78.0]	83,397 (+32.2) [47.9]	31 (-99.7) [0.3]	18,219 (-5.5) [43.1]	65,147 (+87.7) [53.9]
99	93,747 (-29.0) [68.2]	131,425 (+57.6) [52.1]	19,723 (626.3times) [31.3]	26,281 (+44.3) [44.6]	85,420 (+31.1) [65.5]
99/ Aug.	101,975 (-25.7) [82.5]	138,947 (+35.1) [50.2]	28,489 (***) [32.7]	26,009 (+81.6) [43.6]	84,450 (-4.6) [65.0]
2000/ June	12,441 (-89.4) [57.4]	277,177 (2.1times) [64.2]	30,261 (+18.7) [35.6]	27,360 (-1.3) [44.0]	219,556 (2.8times) [77.2]
July	4,674 (-95.7) [38.9]	292,743 (+96.7) [65.2]	33,813 (-4.1) [34.8]	14,777 (-46.2) [35.8]	244,154 (2.8times) [78.7]
Aug.	3,173 (-96.9) [37.2]	294,708 (2.1times) [61.9]	22,467 (-21.1) [33.8]	19,235 (-26.0) [37.0]	253,006 (3.0times) [70.7]

1. *** means that we are unable to calculate the figures as the previous year's figures for FBs are not available.

4. Treasury Funds Transactions

1,000 transactions; 100 million yen; daily average; figures in parentheses are percent changes from the previous year

	Number of Transactions ¹			Transaction Value ²		
		Receipt	Payment		Receipt	Payment
FY 1998	1,098 (+2.8)	339	759	66,792 (+5.0)	33,337	33,454
99	1,121 (+2.1)	333	787	64,376 (-3.6)	32,406	31,971
99/ Aug.	1,493 (+2.3)	331	1,163	60,391 (+8.6)	30,825	29,566
2000/ June	1,531 (+2.1)	287	1,245	59,355 (-14.0)	28,602	30,754
July	603 (+5.2)	384	219	55,532 (-0.5)	28,001	27,531
Aug.	1,451 (-2.8)	298	1,153	52,416 (-13.2)	26,981	25,435

1. Includes receipt and payment of funds resulting from transactions between the government and private financial institutions, and those between the government and the Bank of Japan, and intra-treasury transactions. Intra-treasury transactions refer to transactions between governmental organizations on accounts without the actual transfer of funds.
2. Includes the receipt and payment of funds resulting from transactions between the government and private financial institutions, and those between the government and the Bank of Japan. This figure excludes intra-treasury transactions.

5. Receipt and Payment of Banknotes

100 million yen, yearly/monthly total; figures in parentheses are percent changes from the previous year

	Receipt	Payment	Net Value ¹
1998	890,898 (-3.7)	902,851 (-6.4)	11,952
99	810,505 (-9.0)	905,904 (+0.3)	95,398
99/ Aug.	69,877 (+0.8)	62,625 (-3.6)	-7,252
2000/ June	59,887 (-10.3)	75,849 (-6.7)	15,962
July	62,989 (-8.9)	60,757 (-9.9)	-2,231
Aug.	69,607 (-0.4)	62,086 (-0.9)	-7,521

1. Negative figures represent net receipt of funds.

B. Private Clearing Systems

1. Bill and Check Clearing¹

1,000 bills and checks; 100 million yen; figures in parentheses are percent changes from the previous year

	Number of Exchanges ²	Clearing Value ²	Value per Bill/Check (thousand yen)	Largest Number of Exchanges in Each Period	Largest Clearing Value in Each Period	Settlement via Bank of Japan Accounts ³		
						Settlement Value ^{2,4}	Largest in Each Period ⁵	
							Receipt	Payment
1998	369 (-9.9)	38,371 (-19.4)	10,379	1,426	157,648	22,414	11,273	13,844
99	339 (-8.1)	34,172 (-10.9)	10,063	1,162	153,097	20,675	15,302	9,372
99/ Aug.	341 (-0.2)	30,741 (-14.4)	9,007	1,045	103,275	18,224	5,060	6,090
2000/ June	293 (-6.8)	29,270 (-15.1)	9,965	901	91,790	18,162	6,146	6,136
July	360 (+9.6)	29,176 (-2.2)	8,102	969	89,868	18,297	5,311	7,433
Aug.	281 (-17.4)	28,539 (-7.2)	10,125	927	99,971	19,660	6,414	7,790

- Figures for the Tokyo clearing house only. Based on data from the Tokyo Bankers Association.
- Daily average.
- Based on data from the Bank of Japan.
- Total funds received and paid.
- The largest amount of daily net funds received and paid by individual banks in a month/year.

2. Zengin System¹

1,000 transactions; 100 million yen; figures in parentheses are percent changes from the previous year

	Number of Transactions ²	Transaction Value ²	Value per Transaction (thousand yen)	Largest Number of Transactions in Each Period	Largest Transaction Value in Each Period	Settlement via Bank of Japan Accounts ³		
						Settlement Value ^{2,4}	Largest in Each Period ⁵	
							Net Receipt	Net Payment
1998	4,430 (+2.8)	91,887 (-2.0)	2,074	16,620	484,321	16,937	7,311	5,942
99	4,569 (+3.1)	89,237 (-2.9)	1,953	17,255	489,574	16,473	4,448	5,668
99/ Aug.	4,251 (+2.6)	79,199 (-3.5)	1,863	14,023	336,864	14,743	2,788	3,218
2000/ June	4,704 (+4.3)	82,008 (-0.4)	1,743	18,321	364,371	14,853	4,565	4,565
July	4,876 (+10.2)	85,576 (+6.9)	1,755	15,759	351,482	15,927	3,963	3,706
Aug.	4,174 (-1.8)	77,932 (-1.6)	1,867	14,806	359,146	14,964	4,448	5,150

1. Based on data from the Japanese Bankers Association.
2. Daily average.
3. Based on data from the Bank of Japan.
4. Total funds received and paid.
5. The largest amount of daily net funds received and paid by individual banks in a month/year.

3. Foreign Exchange Yen Clearing System^{1,2}

100 million yen; figures in parentheses are percent changes from the previous year

	Number of Transactions ^{3,7}	Transaction Value ^{3,7}	Value per Transaction	Largest Transaction Value in Each Period	Settlement via Bank of Japan Accounts ⁴		
					Settlement Value ^{3,5,7}	Largest in Each Period ⁶	
						Net Receipt	Net Payment
1998	45,163 (+6.0)	432,989 (+2.4)	9.6	837,096	33,558	9,700	11,874
99	40,795 (-9.7)	290,146 (-33.0)	7.1	618,375	19,420	6,687	6,143
99/ Aug.	37,021 (-15.7)	264,677 (-40.1)	7.1	340,046	16,195	4,102	4,525
2000/ June	37,137 (-7.4)	252,649 (-19.3)	6.8	331,443	17,988	6,397	6,167
July	38,556 (+1.7)	256,207 (-8.0)	6.6	332,713	20,773	6,589	4,554
Aug.	34,781 (-6.0)	234,636 (-11.3)	6.7	290,146	15,716	4,568	4,708

1. Based on data from the Tokyo Bankers Association.
2. On December 7 1998, the Foreign Exchange Yen Clearing System introduced a risk reduction measure that enables participants to settle on both net and RTGS bases.
3. Daily average.
4. Based on data from the Bank of Japan.
5. Total funds received and paid.
6. The largest amount of daily net funds received and paid by individual banks in a month/year.
7. Figures for December 1998 include transactions on an RTGS basis.

C. Others

1. Tokyo International Financial Futures Exchange¹

Figures in parentheses are percent changes from the previous year

	Trading Volume ^{2,3}	Open Interest ^{2,4}	Largest Trading Volume in Each Period ²	Settlement via Bank of Japan Accounts ⁵		
				Settlement Value ^{3,6}	Largest in Each Period ⁷	
					Net Receipt	Net Payment
1998	85,676 (-17.8)	1,014,377 (-34.7)	431,549	2,858	4,976	5,180
99	59,479 (-30.6)	1,125,084 (+10.9)	309,388	1,649	2,967	2,853
99/ Aug.	56,799 (-26.4)	1,423,551 (-27.6)	127,677	1,943	1,339	1,265
2000/ June	104,227 (+5.5)	1,276,967 (+9.4)	261,268	2,155	1,250	1,191
July	62,824 (-16.2)	1,494,438 (+14.1)	170,931	1,544	1,529	1,350
Aug.	84,290 (+48.4)	1,694,122 (+19.0)	157,087	2,028	1,970	1,781

1. Based on data from the Tokyo International Financial Futures Exchange.
2. Figures for 3-month Euro-yen Futures. Contract unit is 100 million yen.
3. Daily average.
4. End of month.
5. million yen. Based on data from the Bank of Japan.
6. Total funds received and paid.
7. The largest amount of daily net funds received and paid by individual banks in a month/year.

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

Figures in parentheses are percent changes from the previous year

	Total Number of Messages Sent ²	Customer Funds	Bank Funds	Others	Japan's Share of Global SWIFT Traffic	<Reference> Number of Users in Japan
		Transfers	Transfers			
1998	32,047,536 (+7.0)	5,632,633	5,898,077	20,516,826	3.5	264
99	37,297,667 (+16.4)	6,098,427	6,243,182	24,956,058	3.3	266
99/ Aug.	3,185,420 (+21.8)	520,322	546,108	2,118,990	3.7	268
2000/ June	3,457,165 (+6.2)	544,909	550,118	2,362,138	3.3	267
July	3,155,544 (+0.1)	508,805	497,143	2,149,596	3.1	268
Aug.	3,480,224 (+9.3)	549,998	551,199	2,379,027	3.2	268

1. Based on data from the Japanese Bankers Association.
2. Total number of messages sent by banks in Japan including branches of foreign banks.