

## Social and Environmental Report 2009

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# Social Report

## Employees

### Number of employees by age group (Dainippon Screen, Japan only)

	20-29	30-39	40-49	50+	Total
As of March 31, 2009	252	524	1,034	522	2,332

## Diversity

### Number of female employees (Dainippon Screen)

	As of March 31, 2006	As of March 31, 2007	As of March 31, 2008	As of March 31, 2009
General	33	44	57	68
Clerical	129	122	116	111
Temporary	3	3	2	7
Total	165	169	175	186

\* Figures indicate numbers of female staff employed directly by Dainippon Screen Mfg. Co., Ltd.  
 Figures for temporary workers for fiscal 2009 also include 3 trial employees.

## Employment creation

### Number of new university graduates employed (Dainippon Screen)

	FY2007	FY2008
Total	81	80

### Number of mid-career employees hired (Dainippon Screen)

	FY2007	FY2008
Total	49	3

## Work-life balance

### Number of employees on child-care/family health care leave (Dainippon Screen)

		As of March 31, 2006	As of March 31, 2007	As of March 31, 2008	As of March 31, 2009
Number of employees on child-care leave (Year leave started)	Men	1	2	1	1
	Women	9	8	8	6
	Total	10	10	9	7
Number of employees on family health care leave	Men	0	3	0	0
	Women	1	1	0	0
	Total	1	4	0	0

\* One female employee resigned during child-care leave.

\* Seven male employees have taken child-care leave and three have taken reduced work-hours for child-care.

\* A system is in place that provides male employees with five days of special paid leave when their wife gives birth.

### Ratio of employees on child-care leave (Dainippon Screen)

		As of March 31, 2006	As of March 31, 2007	As of March 31, 2008	As of March 31, 2009
Ratio of employees on child-care leave	Men	1.02%	2.60%	1.23%	1.18%
	Women*	100%	100%	100%	100%
	Total	9.17%	12.05%	10.23%	7.69%

\* Child-care leave is taken by all female employees for childbirth, so the rate of child-care leave takers among these female employees is recorded as 100%.

### Ratio of employees using paid leave (Dainippon Screen)

(%)

	FY2004	FY2005	FY2006	FY2007	FY2008
Ratio of employees using paid leave	67.14	69.57	70.8	70.98	72.8

## Occupational safety

### Number of industrial and workplace accidents (entire domestic Screen Group)

	FY2004	FY2005	FY2006	FY2007	FY2008
Workplace accidents - Affiliates	5	12	7	7	4
Industrial accidents - Affiliates	10	17	14	10	8
Workplace accidents - Group companies	2	3	1	3	10
Industrial accidents - Group companies	4	3	3	13	9
Workplace accidents - Dainippon Screen	7	6	3	6	3
Industrial accidents - Dainippon Screen	9	9	15	9	3
Industrial accidents resulting in four or more days of lost work	2	7	7	3	2

### Ratio of industrial and workplace accidents (Dainippon Screen)

	FY2004	FY2005	FY2006	FY2007	FY2008
Frequency rate of industrial and workplace accidents - Dainippon Screen	0	0.21	0.65	0	0
Average frequency rate of industrial and workplace accidents in manufacturing industries	0.99	1.01	1.01	1.09	1.12
Average frequency rate of industrial and workplace accidents in electrical machinery and equipment manufacturing industries	0.39	0.4	0.37	0.39	0.48

### Number of recipients of occupational health and safety education (entire domestic Screen Group)

	Management education	Foreman education	Supplementary foreman education
<b>FY2008</b>	114	143	182

#### Maintaining employee health

- Periodic Sanitation Manager Meetings are held to enhance communication between sanitation managers of individual sites, improve management capabilities, and strengthen sanitation management initiatives.
- Workplace mental health initiatives include the Health and Safety Committee and a mental health education program conducted via an e-learning system. A comprehensive in-house health consultation system with public health nurses and occupational health physicians is in place. Active listening counseling techniques are used in order that health issues may be identified, treated, and resolved as soon as possible.
- Guidelines for the installation of automated external defibrillators (AEDs) have been provided and AEDs have been installed at each site.
- A survey on the health and vigor of the workplace has been conducted and results of this research have been incorporated into each workplace in order to increase organizational vitality. In fiscal 2008, a walking campaign was conducted as a measure to promote daily physical training and prevent weight gain from metabolic syndrome.

## Respecting human rights

Dainippon Screen complies with the four principles and eight conventions on labor standards of the International Labour Organization (ILO).

## Dialog with employees

Group newsletter, *Niji*, continually profiles discussions between management and employees. Messages from management are also distributed via the Group website in the form of video letters.

## Compliance policy

### Compliance philosophy

As a corporate citizen, we must comply with relevant laws, ordinances, and regulations while aiming to adopt independent initiatives based on a strong ethical awareness, thus, we intend to “maintain a clean Screen” through fair and just management in order to share the future with our stakeholders.

### Catchphrase

Maintain a Clean Screen

## Compliance audit

### Conducted by Group Auditing Department

	Dainippon Screen	Entire Group
Subjects	Two Dainippon Screen Companies	Four domestic subsidiaries, four overseas subsidiaries
Audit period	December 10, 2008 and February 19, 2009	Domestic: May 11, 2008, May 13, 2008, May 27, 2008, July 2, 2008 Overseas: July 21, 2008, October 28, 2008, December 10, 2008
Result	Minor issues noted and corrected.	

### Conducted by Board of Auditors

	Dainippon Screen	Entire Group
Subjects	On-site visits and informal interviews (x55)	16 domestic companies and 1 overseas companies
Audit period	From April 2008 to March 2009	
Result	On-site visits and informal interviews were conducted and the state of internal control implementation at each department was audited.	

## Compliance training

Seminars were held on a variety of topics including appropriate contracting and temporary employment, the Subcontract Act, security trade control, and insider trading regulations. Seminars were attended by over 500 employees consisting mainly of administrators and personnel in charge of relevant work.

# Environmental Report

Key for items with  
no particular comments  
-: N/A  
0: Less than 0.1

## Environmental management

### Acquisition of ISO/OHSAS by Group companies (Domestic)

As of March 31, 2009

		Number of employees	ISO 9001	ISO 14001	OHSAS 18001
Manufacturing	TechInTech Co., Ltd.	136	Acquired	Acquired	Acquired
	Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	18		Acquired	Acquired
	Quartz Lead Co., Ltd.	93	Acquired	Acquired	Acquired
	Laser Solutions Co., Ltd.	28		Acquired	Acquired
	FASSE Co., Ltd.	77	Acquired	○	Acquired
Services	MT Service Japan East Co., Ltd.	157	Acquired	Acquired	Acquired
	MT Service Japan West Co., Ltd.	131	Acquired	Acquired	Acquired
	SEBACS Co., Ltd.	252	Acquired	Acquired	Acquired
	FEBACS Co., Ltd.	79	Acquired	Acquired	Acquired
	MEBACS Co., Ltd.	49	Acquired	Acquired	Acquired
Others	Media Technology Japan Co., Ltd.	166		Acquired	Acquired
	Tec Communications Co., Ltd.	116	Acquired	Acquired	
	TRANSUP Japan Co., Ltd.	48		Acquired	Acquired
	INITOUT Japan Co., Ltd.	72		○	
	S. Ten Nines Kyoto Co., Ltd.	105		○	
	GERANT Co., Ltd.	16		○	

\* Circles indicate companies that will be included during fiscal 2009 in line with EMS integration.

\* "Acquired" indicates organizations that acquired certification under Phase II.

### Acquisition of ISO/OHSAS by Group companies (Overseas)

		Number of employees	ISO 9001	ISO 14001	OHSAS 18001
Manufacturing	Dainippon Screen MT (Hangzhou) Co., Ltd.	98	Acquired	Acquired	
	Inca Digital Printers Ltd.	193	Acquired	△	
	Silicon Light Machines Corporation	—		△	
Others	D.S. North America Holdings, Inc.	—		△	
	Dainippon Screen Graphics (USA), LLC	55		△	
	S. Ten Nines California, LLC	23		△	
	DNS Electronics, LLC	282		△	
	Dainippon Screen (U.K.) Ltd.	51		△	
	Dainippon Screen (Deutschland) GmbH	160		△	
	Dainippon Screen (Nederland) B.V.	26		△	
	Dainippon Screen Singapore Pte. Ltd.	99		△	
	Dainippon Screen (China) Ltd.	89		△	
	Dainippon Screen Electronics (Shanghai) Co., Ltd.	162		△	
	Dainippon Screen Electronics (Taiwan) Co., Ltd.	246		△	
	DNS Feats (Taiwan) Co., Ltd.	119		△	
	Dainippon Screen (Taiwan) Co., Ltd.	15		△	
	Dainippon Screen (Australia) Pty. Ltd.	13	Acquired	△	
Dainippon Screen (Korea) Co., Ltd.	101	Acquired	△		

\* Triangles indicate companies for which performance information is scheduled to be collected and disclosed in fiscal 2009.

\* "Acquired" indicates organizations that acquired certification under Phase II.

## Environmental audit (entire domestic Screen Group)

	FY2004	FY2005	FY2006	FY2007	FY2008
Number of organizations subject to environmental audit					74
Number of sites where audits were implemented					12
Number of improvements recommended					127
Number of internal auditors					272
Number of training sessions for auditors	1	1	2	1	0
Number of participants	19	34	75	32	0

## Legal compliance and reported complaints (entire domestic Screen Group)

While there were no legal violations in fiscal 2008, there was one complaint from a property adjacent to a Dainippon Screen plant.

## EHS education (Dainippon Screen)

	Environmental	Safety
Basic courses	New employee training	New employee training
	New section manager training	New section manager training
	Training for all employees	Training for all employees
Management courses	Systems training	Systems training
	Internal auditor training	Internal auditor training
	Environmental impact assessor training	Risk assessor training Product risk assessor training
Courses by job function	Product designer training	Operator training
	Purchasing training	Special operator training
	Environmental facilities operator training	Administrative supervisor training
	Factory manager training	
	Waste management training	

## Environmental accounting

### (Entire domestic Screen Group)

(Millions of yen)

Environmental protection costs	Category		Protection costs		Amount invested	
			FY2007	FY2008	FY2007	FY2008
1. Cost within business area	1. Pollution prevention	Wastewater treatment facilities, air treatment facilities	505	583	519	0
	2. Environmental preservation	Inverters, facilities for preventing global warming	65	49	32	41
	3. Resource circulation	Appropriate waste disposal	88	102	0	38
2. Upstream/downstream costs	Recycled product business		571	524	0	0
3. Administration costs	Analysis and measurement, environmental management education		221	128	0	9
4. R&D costs	Development of environmentally-friendly products		1,625	1,607	–	–
5. Social initiative costs	Publishing Social and Environmental Report, environmental beautification initiatives		22	39	52	12
6. Costs associated with resolving environmental damages			45	63	0	0
Total			3,141	3,095	603	100

Environmental preservation effects	Category		Amount		Cost	
			FY2007	FY2008	FY2007	FY2008
Effects of reductions in volume of chemical substances used			-1 metric tons	1 metric tons	-4	4
Effects of reductions in amount of energy used			-4,189 metric tons of CO <sub>2</sub>	721 metric tons of CO <sub>2</sub>	-155	18
Effects of reductions in volume of waste emissions			312 metric tons	306 metric tons	4	4
Effects of resource conservation and recycling	Reuse of products and sale of paper and cardboard		11 metric tons	16 metric tons	830	681
Total					675	707

\* Incorrectly recorded figures for amount and cost of Effects of reductions in volume of chemical substances for fiscal 2007 has been corrected.

## Greenhouse gases

### CO<sub>2</sub> emissions for each plant and group company

(t)

Plant & office/group company	FY1990	FY2000	FY2004	FY2005	FY2006	FY2007	FY2008
Domestic groups							
Hikone Plant	27,535	23,618	10,811	11,393	12,279	16,043	20,468
Head Office/Nishikyogoku Office	2,848	1,779	1,468	1,486	962	945	903
Rakusai Site	4,620	7,010	6,686	5,978	6,535	6,011	5,325
Taga Plant	—	3,648	3,986	3,736	4,206	4,608	3,644
Yasu Plant	—	5,771	5,889	6,129	6,424	6,169	3,405
Kuze Plant	1,742	1,637	1,669	1,626	1,490	1,832	1,731
Kumiyama Plant	1,797	1,405	1,656	1,717	1,763	1,806	1,951
Ikebukuro/Kudan/Otsuka Offices	—	341	210	166	199	215	207
Total of plants and offices	38,542	45,208	32,376	32,230	33,859	37,629	37,633
Tec Communications Co., Ltd.	—	—	65	61	55	55	74
TechInTech Co., Ltd.	—	1,001	563	479	585	728	548
Laser Solutions Co., Ltd.	—	—	—	—	—	37	58
FEBACS Co., Ltd.	—	—	—	—	—	141	62
MT Service Japan West Co., Ltd.	—	—	—	—	—	43	44
DST Micronix Co., Ltd.	—	29,789	22,303	6,841	—	—	—
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	—	—	5	5	10	11	10
Quartz Lead Co., Ltd.	—	—	621	709	1,151	1,274	767
TRANSUP Japan Co., Ltd.	—	—	54	84	90	22	25
Total of group companies	0	30,790	23,611	8,178	1,891	2,311	1,588
Total of domestic groups	38,542	75,998	55,987	40,408	35,751	39,940	39,221
Overseas group							
Dainippon Screen MT (Hangzhou) Co., Ltd.	—	—	—	—	—	342	276

\* Dainippon Screen MT (Hangzhou) Co., Ltd.: Data disclosed from fiscal 2007.

\* Basis for calculation; For domestic groups, CO<sub>2</sub> emissions are calculated based on "Guidelines for Calculating Greenhouse Gas Emission from Businesses" prepared by the Ministry of the Environment.  
Emission conversion coefficient = average of greenhouse gas emissions of domestic power companies 0.378 kg CO<sub>2</sub>/kWh  
For overseas groups, CO<sub>2</sub> emissions are calculated based on "Energy Information Administration Country Analysis Briefs" of the IEA statistics in "Electric Power Industry Overseas, Part I, Supplement" published by Japan Electric Power Information Center.  
Emission conversion coefficient = 0.824 tons/MWh

\* A "—" indicates that the company is or was not within the scope of the environmental management system.

A "—" indicates that the company was not within the scope of the system because applicable businesses had not yet been established.

\* CO<sub>2</sub> emissions for fiscal 2007: Previously omitted 479 metric tons from Hikone Plant included this fiscal year.

### Reduction measures targeting CO<sub>2</sub> emissions Major specific initiatives (FY2008)

Item	Plant	Reduction
Fuel source of heat generation equipment switched from kerosene to city gas	Taga Plant	Approx. 400 metric tons
Improving energy efficiency, turning off unused equipment, reducing fluorescent lighting, holding Eco Day	All plants	Approx. 1,780 metric tons

## Low-emission vehicles

### Number of company vehicles and energy-efficient vehicles (entire domestic Screen Group)

	FY2004	FY2005	FY2006	FY2007	FY2008
Number of energy-efficient vehicles	24	38	64	143	145
Number of other vehicles	67	47	28	28	19
Target ratio of energy-efficient vehicles (%)		40	55	70	80
Actual ratio of energy-efficient vehicles (%)	26.4	44.7	69.6	83.6	88.4

**Direct/indirect energy consumption (Dainippon Screen)**

(GJ)

	FY2000 (base year)	FY2004	FY2005	FY2006	FY2007	FY2008
Direct energy consumption	990,307	748,569	740,946	791,035	896,502	919,606
Interim energy (electricity/air conditioning/moisture/nuclear power)	69,141	56,054	55,593	60,119	69,679	70,837

**Direct/indirect energy consumption (entire domestic Screen Group)**

(GJ)

	FY2000 (base year)	FY2004	FY2005	FY2006	FY2007	FY2008
Direct energy consumption	1,589,699	1,201,906	910,942	864,487	985,063	985,811
Interim energy (electricity/air conditioning/moisture/nuclear power)	1,030,988	804,189	666,378	643,772	750,746	744,844

**Ratio of product energy consumption reductions**
**(based on performance standards compared with base year of fiscal 2000) (Dainippon Screen)**

(%)

	FY2006	FY2007	FY2008
Target	6	7	8
Performance	38	56	54


**Chemical substances**
**Data regarding substances subject to the PRTR Act (entire domestic Screen Group)**

(t)

Substance name	Cabinet order number	Usage			
		2005	2006	2007	2008
Hexavalent chromium compound	69	1.6	–	–	–
Trivalent chromium compound	68	0	–	–	–
Xylene	63	–	0.3	0.3	0.2
Hydroquinone	254	0.2	0.2	–	–
Hydrogen fluoride and its compound	283	2.2	5.7	6.9	5.7
Ethylene glycol	43	–	0.4	0.5	0.3
Poly (oxyethylene) = nonylphenyl ether	307	0.5	–	–	–
Nickel	231	10.8	–	–	–
Nickel compound	232	0	–	–	–
Hydrazine	253	–	–	0.3	0.3
Formaldehyde	310	–	–	–	0.1
2-aminoethanol	16	–	–	–	0.1
Toluene	227	–	–	–	0.1
Total		15.3	6.6	8	6.8

Substance name	Amount of movement											
	Emissions to the atmosphere				Emissions to the water system				Amount of movement of wastes			
	2005	2006	2007	2008	2005	2006	2007	2008	2005	2006	2007	2008
Hexavalent chromium compound	0	–	–	–	0	–	–	–	0.2	–	–	–
Trivalent chromium compound	0	–	–	–	0	–	–	–	1.4	–	–	–
Xylene	–	0.3	0.3	0.2	–	0	0	0	–	0	0	0
Hydroquinone	0	0	–	–	0	0	–	–	0.2	0.2	–	–
Hydrogen fluoride and its compound	0	0	0	0	0	0	0	0	2.2	5.7	6.9	5.7
Ethylene glycol	–	0	0	0	–	0	0	0	–	0.4	0.5	0.3
Poly (oxyethylene) = nonylphenyl ether	–	–	–	–	0.2	–	–	–	0.3	–	–	–
Nickel	0	–	–	–	0	–	–	–	0	–	–	–
Nickel compound	0	–	–	–	0	–	–	–	10.8	–	–	–
Hydrazine	–	–	0	0	–	–	0	0	–	–	0.3	0.3
Formaldehyde	–	–	–	0	–	–	–	0	–	–	–	0.1
2-aminoethanol	–	–	–	0	–	–	–	0	–	–	–	0.1
Toluene	–	–	–	0.1	–	–	–	–	–	–	–	0
Total	0	0.3	0.3	0.3	0.2	0	0	0	15.1	6.3	7.7	6.5



## PCB processing (entire domestic Screen Group)

Type	Number of units
High-voltage capacitors	39
Low-voltage capacitors	197
Fluorescent light ballasts	179
High-voltage transformers	1
Reactors	3

## Amount of substances used and in circulation

### Total amount of substances used (by resource type) (Dainippon Screen)

(t)

	FY2005	FY2006	FY2007	FY2008
Total amount of substances used	17,776	17,668	15,680	17,875
Chemical substances	15	7	8	7

### Total amount of substances used (by resource type) (entire domestic Screen Group)

(t)

	FY2005	FY2006	FY2007	FY2008
Total amount of substances used	18,541	17,932	15,680	18,333
Chemical substances	15	7	8	7

## Waste/recycling

### Total volume of waste emissions (Dainippon Screen)

(t)

	FY2004	FY2005	FY2006	FY2007	FY2008
Total volume of waste emissions	1,972	1,321	1,282	1,080	939
Volume of recycled waste	1,855	1,300	1,269	1,072	937
Recycling rate (%)	94.0%	98.4%	99.0%	99.2%	99.7%
Volume of waste for final disposal	117	21	13	8	2

### Total volume of waste emissions (entire domestic Screen Group)

(t)

	FY2004	FY2005	FY2006	FY2007	FY2008
Total volume of waste emissions	3,564	2,086	1,501	1,313	1,098
Volume of recycled waste	3,205	1,942	1,481	1,304	1,095
Recycling rate (%)	89.9%	93.1%	98.6%	99.2%	99.6%
Volume of waste for final disposal	359	144	20	9	3

### Total volume of waste emissions by site and Group company

(t)

Site/Group company	FY2004	FY2005	FY2006	FY2007	FY2008
Hikone Plant	719	338	326	424	474
Head Office/Nishikyogoku Office	65	47	33	18	15
Rakusai Site	227	194	147	128	114
Taga Plant	202	105	125	92	74
Yasu Plant	292	263	264	162	67
Kuze Plant	225	170	120	59	45
Kumiyama Plant	216	180	247	178	132
Ikebukuro/Kudan/Otsuka Offices	25	24	19	19	18
Total of plants and offices	1,972	1,321	1,282	1,080	939
Tec Communications Co., Ltd.	10	8	9	8	7
TechInTech Co., Ltd.	20	22	23	23	51
Laser Solutions Co., Ltd.	—	—	—	2	1
FEBACS Co., Ltd.	—	—	—	3	3
MT Service Japan West Co., Ltd.	—	—	—	5	6
DST Micronix Co., Ltd.	1,480	647	—	—	—
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	1	2	1	1	1
Quartz Lead Co., Ltd.	81	86	186	191	91
TRANSUP Japan Co., Ltd.	1	1	1	1	1
Total of group companies	1,592	765	220	234	159
Total of domestic groups	3,564	2,086	1,501	1,313	1,098

\* A "—" indicates that the company is or was not within the scope of the environmental management system.

A "—" indicates that the company was not within the scope of the system because applicable businesses had not yet been established.

**Breakdown of external waste emissions**

(t)

Volume of valuable resources	262	Waste oil (special)	20
Volume of waste sludge	267	Ceramics, glass	12
General-purpose paper	175	Waste alkali (special)	8
Waste plastic	154	Electric wiring, PCBs	9
Waste acid (special)	95	Burnable waste	7
Cardboard	88	Waste film	1
Cloth, wood scrap	72	Batteries	0
Waste alkali	48	Waste acid	3
Scrap metal	46	Waste fluorescent lighting	3
Paper	49	Other waste liquids (special)	1
Waste oil	37	Others	4

**Breakdown of valuable resources indicated above**

Cardboard	79	Film	4
Metals	74	Glass (wafers)	0
General-purpose paper	68	Magazines, catalogs	2
Polyvinyl chloride	27		

**Recycling rates by site**

(%)

Hikone Plant	99.6	Tec Communications Co., Ltd.	99.9
Head Office/Nishikyogoku Office	99.6	TechInTech Co., Ltd.	99.5
Rakusai Site	100	Laser Solutions Co., Ltd.	99.6
Taga Plant	100	FEBACS Co., Ltd.	99.6
Yasu Plant	100	MT Service Japan West Co., Ltd.	100
Kuze Plant	100	DST Micronix Co., Ltd.	99.9
Kumiyama Plant	99.9	Quartz Lead Co., Ltd.	98.1
Ikebukuro/Kudan/Otsuka Offices	100	TRANSUP Japan Co., Ltd.	99.8
Total of domestic groups			99.7

\* Scope: Domestic sites and Group companies that have certified environmental management systems.

 **Green purchasing ratio**
**Green purchasing ratio by site**

	FY2004	FY2005	FY2006	FY2007	FY2008
Hikone Plant	98.7%	98.7%	98.7%	99.2%	99.7%
Head Office/Nishikyogoku Office	96.7%	98.6%	97.5%	98.4%	99.6%
Rakusai Site	99.3%	98.6%	98.9%	98.8%	100.0%
Taga Plant	100.0%	100.0%	100.0%	100.0%	100.0%
Yasu Plant	96.9%	97.4%	97.4%	99.6%	100.0%
Kuze Plant	98.7%	99.9%	99.7%	100.0%	99.9%
Kumiyama Plant	99.3%	99.6%	99.7%	99.8%	99.8%
Ikebukuro/Kudan/Otsuka Offices	98.9%	99.0%	98.6%	99.8%	100.0%
Tec Communications Co., Ltd.	96.9%	98.3%	98.7%	100.0%	100.0%
TechInTech Co., Ltd.	97.4%	99.7%	99.1%	98.5%	99.0%
Laser Solutions Co., Ltd.	—	—	—	100.0%	100.0%
FEBACS Co., Ltd.	—	—	—	99.9%	100.0%
MT Service Japan West Co., Ltd.	—	—	—	99.9%	100.0%
DST Micronix Co., Ltd.	52.1%	61.6%	—	—	—
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	96.0%	100.0%	100.0%	100.0%	99.5%
Quartz Lead Co., Ltd.	61.0%	98.7%	98.4%	99.4%	99.7%
TRANSUP Japan Co., Ltd.	96.4%	100.0%	100.0%	100.0%	100.0%
Total of domestic groups	93.9%	97.9%	98.5%	99.2%	99.7%

\* A "—" indicates that the company is or was not within the scope of the environmental management system.

A "—" indicates that the company was not within the scope of the system because applicable businesses had not yet been established.

## Water

### Volume of water resources used (Dainippon Screen)

(m<sup>3</sup>)

	FY2004	FY2005	FY2006	FY2007	FY2008
Service water	447,153	435,459	427,970	419,674	300,447
Industrial water	2,322,000	2,079,989	2,089,763	2,093,547	2,070,497
Ground water	–	–	–	–	–
Total	2,769,153	2,515,448	2,517,733	2,513,221	2,370,944

### Total volume of water emissions (Dainippon Screen)

(m<sup>3</sup>)

	FY2004	FY2005	FY2006	FY2007	FY2008
Public water areas	2,709,653	2,487,294	2,500,836	2,481,510	2,362,653

### Volume of water resources used (entire domestic Screen Group)

(m<sup>3</sup>)

	FY2004	FY2005	FY2006	FY2007	FY2008
Service water	461,973	458,466	454,937	433,507	310,555
Industrial water	5,651,000	3,674,389	2,089,763	2,093,547	2,070,497
Ground water	–	–	–	–	–
Total	6,112,973	4,132,855	2,544,700	2,527,054	2,381,052

### Total volume of water emissions (entire domestic Screen Group)

(m<sup>3</sup>)

	FY2004	FY2005	FY2006	FY2007	FY2008
Public water areas	5,995,973	4,101,170	2,527,282	2,495,343	2,372,761

### BOD and COD measurements (Dainippon Screen)

(mg/l)

	FY2004	FY2005	FY2006	FY2007	FY2008
BOD	1.4	1.4	1.4	1.4	1.4
COD	2.9	2.4	2.4	2.4	2.4

## Air quality

### SO<sub>x</sub> and NO<sub>x</sub> emissions (entire domestic Screen Group)

(t)

	FY2004	FY2005	FY2006	FY2007	FY2008
SO <sub>x</sub> emissions	22.9	18.1	14.6	0.08	0.02
NO <sub>x</sub> emissions	13.3	10.1	6.3	4.9	5.8

**CO<sub>2</sub> emissions from logistics operations by mode of transport (Dainippon Screen)**

(t)

	FY2005	FY2006	FY2007	FY2008
Vehicles	1,210	1,185	993	899
Ships	–	8	14	33
Railroads	4	2	2	2

**Reduction in CO<sub>2</sub> emissions resulting from modal shift in product transport (FY2008) (Dainippon Screen)**

	Number of shipments	CO <sub>2</sub> reductions
Marine transport	262	166 metric tons
Rail transport	105	11 metric tons

 Reducing environmental impacts of products

**Percentage of total sales and number of green products (environmentally-friendly products) (Dainippon Screen)**

	FY2006	FY2007	FY2008	FY2009
Number of green products	9	40	56	
Percentage of total sales				
Target	10	20	30	40
Performance	31	45	45	

\* Green products (environmentally-friendly products): Products are compared against a standard product and are certified as green products if they score better by ten points or more and pass five categories: Energy saving, resource conservation, reuse or recycling, safety and chemical substance management, and information availability.

Visit the following website to learn more about certified green products: <http://www.screen.co.jp/environmentE/products.html>