

## Annual Report 2013

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Published in July 2013 (Previous issue July 2012)

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\* All years shown are for the accounting year ending March 31 of the year shown.

\* The Kuse site was closed in April 2011.

# Social Report

## Employees

### Number of employees

	Dainippon Screen			The Dainippon Screen Group
	Men	Women	Total	
2011	1,937	130	2,067	4,732
2012	1,954	135	2,089	4,890
<b>2013</b>	<b>1,995</b>	<b>135</b>	<b>2,130</b>	<b>4,955</b>

### Number of employees by age group (Dainippon Screen)

	20-29	30-39	40-49	50+	Total
As of March 31, 2011	242	405	949	471	2,067
As of March 31, 2012	220	388	920	561	2,089
<b>As of March 31, 2013</b>	<b>198</b>	<b>398</b>	<b>886</b>	<b>648</b>	<b>2,130</b>

### Average age of regular employees (Dainippon Screen)

	2011	2012	2013
Men	42.9	43.6	<b>44.2</b>
Women	37.1	38.1	<b>39.0</b>
All employees	42.5	43.3	<b>43.8</b>

### Average number of years of service per regular employee (Dainippon Screen)

	2011	2012	2013
Men	18.2	19.0	<b>19.4</b>
Women	14.2	15.2	<b>16.0</b>
All employees	17.9	18.7	<b>19.2</b>

### Average annual salary per employee (Dainippon Screen)

(Yen)

	2011	2012	2013
All employees	7,095,000	9,110,000	<b>8,374,000</b>

Note: Rounded down to the nearest ¥1,000.

### Turnover (Dainippon Screen)

		Use of preferential early retirement system	Own volition	Company decision	Employment transfer	Other
2011	Men	0	8	0	3	3
	Women	0	8	0	0	0
	Total	0	16	0	3	3
2012	Men	4	8	0	11	2
	Women	0	2	0	0	0
	Total	4	10	0	11	2
2013	Men	11	5	0	8	3
	Women	0	1	0	0	0
	Total	11	6	0	8	3

Note: Excludes retirees.

## Diversity

### Number of female employees (Dainippon Screen)

	2011	2012	2013
General	58	59	<b>58</b>
Clerical	72	76	<b>77</b>
Temporary	0	0	<b>0</b>
<b>Total</b>	<b>130</b>	<b>135</b>	<b>135</b>

Note: Figures indicate employees hired directly.

**Ratio of men to women among managers and executives (Dainippon Screen)**

(人)

		Managers	(of whom, General Managers or higher)	Directors, corporate officers and corporate auditors
2012	Total	256	99	21 (6 directors, 13 corporate officers and 2 corporate auditors) Three outside directors and two outside corporate auditors in addition to the above
	Men	256	99	21
	Women	0	0	0
2013	Ratio of female staff	0.00%	0.00%	0.00%
	Total	281	112	18 (6 directors, 10 corporate officers and 2 corporate auditors) Three outside directors and two outside corporate auditors in addition to the above
	Men	279	112	18
	Women	2	0	0
	Ratio of female staff	0.71%	0.00%	0.00%

**Ratio of non-Japanese managers and executives (Dainippon Screen)**

(人)

		Managers	(of whom, General Managers or higher)	Directors, corporate officers and corporate auditors
2012	Total	256	99	21
	Japanese	256	99	21
	Non-Japanese	0	0	0
	Ratio of non-Japanese staff	0.00%	0.00%	0.00%
2013	Total	281	112	18
	Japanese	281	112	18
	Non-Japanese	0	0	0
	Ratio of non-Japanese staff	0.00%	0.00%	0.00%

**Number of non-Japanese employees at business and production sites in Japan (Dainippon Screen)**

	2011	2012	2013
Non-Japanese regular employees	20	19	19
Ratio of non-Japanese regular employees	0.9%	0.9%	0.9%

**Employment of people with disabilities**

	2011	2012	2013
Number employed	42	41	43
Employment ratio	1.90%	1.86%	1.96%

Note: The statutory ratio through the fiscal year ended March 31, 2013, was 1.80%. This ratio is 2.00% from April 2013.

**Reemployment of staff past retirement age**

	2011	2012	2013
Number of employees at the company reemploying staff	84	63	62

 **Employment creation**
**Number of new university graduates employed (Dainippon Screen)**

	2011	2012	2013
Total	1	22	38

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

	2011	2012	2013
Total	0	17	12

**Hiring of New Graduates (Dainippon Screen)**

(%)

Percentage of people hired in April 2008 who were still employed in April 2011	94.8
Percentage of people hired in April 2009 who were still employed in April 2012	98.3
Percentage of people hired in April 2010 who were still employed in April 2013	—*1

\*1 Because none were hired in April 2010.

 **Work-life balance**
**Number of employees on child-care/family health care leave (Dainippon Screen)**

		2009	2010	2011	2012	2013
Number of employees on child-care leave (Year leave started)	Men	1	0	0	0	0
	Women	6	11	16	7	9
	Total	7	11	16	7	9
Number of employees on family health care leave	Men	0	0	2	1	0
	Women	0	2	0	0	0
	Total	0	2	2	1	0

Note 1: Seven male employees have taken child-care leave and four have taken reduced work-hours for child-care.

Note 2: 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-rearing leave (Dainippon Screen)

(%)

		2009	2010	2011	2012	2013
Ratio of employees on child-rearing leave	Men	1.18	0	0	0	0
	Women*1	100	100	100	100	100
	Total	7.69	14.29	17.98	9.72	11.11

\*1 Child-rearing leave is taken by all female employees for childbirth, so the rate of child-rearing leave takers among these female employees is recorded as 100%.

## Number of employees taking maternity leave (Dainippon Screen)

		2011	2012	2013
		14	8	8

Note 1: Term of leave: Statutory (six months prenatal, eight months postnatal).

Note 2: Remuneration during maternity leave: Unpaid; however, 100% security by the Mutual Aid Society and Welfare Foundation, including maternity allowance.

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

(%)

		2011	2012	2013
Ratio of employees using paid leave		57.8	74.7	72.2

## Human resource development

### Career paths

Treatment	Human resource utilization
Flexitime system	Self-enumeration system
Child support system	Internal recruiting system
Performance-linked bonuses	In-house inter-departmental transfer system
	Target management system
	In-house internship system

### Employee education

Training and self-development support system	Others
Rank-based education	Doctorate support system
Skills and knowledge education	Domestic and overseas study and training system
Engineer education	
Selective education	
Education supporting career development	
Financial rewards system for employees who obtain qualifications	
Distance learning subsidy system	

## Compliance training

Dainippon Screen		Number of recipients	Group companies	Number of recipients
2011	Compliance—general	277	Compliance—general	295
	Appropriate contracting and temporary employment	212	Appropriate contracting and temporary employment	112
	Interpretation of points from Japan's Subcontractor Act	49	Interpretation of points from Japan's Subcontractor Act	36
			Client information management	167
			Insider trading regulations	36
	Total	538	Total	646
2012	Compliance—general	272	Compliance—general	47
	Appropriate contracting and temporary employment	20	Appropriate contracting and temporary employment	0
	Interpretation of points from Japan's Subcontractor Act	20	Interpretation of points from Japan's Subcontractor Act	0
	Preventing sexual and power harassment	20	Preventing sexual and power harassment	59
			Fixed-term employment contract	16
	Total	332	Total	122
2013	<b>Compliance—general</b>	<b>389</b>	<b>Compliance—general</b>	<b>60</b>
	<b>Confidential sales information, intellectual property</b>	<b>0</b>	<b>Confidential sales information, intellectual property</b>	<b>27</b>
	<b>Appropriate contracting and temporary employment</b>	<b>13</b>	<b>Appropriate contracting and temporary employment</b>	<b>0</b>
	<b>Interpretation of points from Japan's Subcontractor Act</b>	<b>24</b>	<b>Interpretation of points from Japan's Subcontractor Act</b>	<b>0</b>
	<b>Preventing sexual and power harassment</b>	<b>2,125</b>	<b>Preventing sexual and power harassment</b>	<b>1,295</b>
	<b>Engineer training</b>	<b>35</b>	<b>Engineer training</b>	<b>0</b>
			<b>Training for field engineers (Conducted at overseas Group companies)</b>	<b>684</b>
	<b>Confidential sales information (e-learning)</b>	<b>1,643</b>	<b>Confidential sales information (e-learning)</b>	<b>902</b>
	<b>1,734 participants, completion rate 95%</b>		<b>979 participants, completion rate 92%</b>	
	<b>Total</b>	<b>4,229</b>	<b>Total</b>	<b>2,968</b>

## Patents

	2011	2012	2013
Number of patent applications (number of laid-open patents*1)	258	240	289
Number of patents granted (number of registered patents*2)	183	199	200
Number of employee inventions reviewed	40	33	31

\*1 The number of patents issued and laid open as public information by the Japan Patent Office during the corresponding fiscal year.

\*2 The number of patents registered by the Japan Patent Office as patent rights during the corresponding fiscal year.

## Occupational health and safety

Note 1: Labor incident (incident) Event that occurred during work that led to injury, illness or death at medical facility.

Note 2: Labor accident (accident) Fire, explosion, gas leak, chemical outflow, collapse, collision, etc., leading to employee death or injury, or leak, chemical outflow, collapse, collision, etc., and resulting damage to facility, machinery or equipment, or traffic accident (property damage only.)

### Number of incidents and accidents (domestic Group)

(Number)

	2009	2010	2011	2012	2013
Incident involving Dainippon Screen employee	3	3	2	5	3
Accident involving Dainippon Screen employee	3	5	6	3	6
Incident involving employee of Group company	9	8	8	8	7
Accident involving employee of Group company	10	6	5	0	1
Incident at partner company	8	4	4	4	5
Accident at partner company	4	2	2	2	1
Incident resulting in four or more days of lost work	2	4	3	2	1

### Number of incidents and accidents (overseas Group)

(Number)

	2013
Incident involving employee of Group company	5
Accident involving employee of Group company	10
Incident involving Dainippon Screen employee (person on temporary transfer)	0
Accident involving Dainippon Screen employee (person on temporary transfer)	0
Incident at partner company	0
Accident at partner company	0

### Occupational health and safety activities Targets and performance

2011	Targets	Results	Performance
Incidents resulting in four or more days of lost work	Up to one incidents	×	3
Incidents points*1	Up to 300 points	×	330 points
Accidents or incidents – at customers	Up to six incidents	×	8
Traffic accidents or incidents	Up to five incidents	×	8
Periodic health examination	100%	○	100%
Health examination of employees posted overseas	100%	×	85%
Perform stress management (Introducing stress management check test)	100%	×	97.5%

\*1 Incidents points: An index used by the Dainippon Screen Group to indicate the gravity of incidents.

○:Achieved ×:Not achieved

2012	Targets	Results	Performance
Incidents resulting in four or more days of lost work	Up to one incidents	×	2
Incidents points*1	Up to 300 points	○	300 points
Accidents or incidents – at customers	Up to five incidents	×	6
Traffic accidents or incidents	Up to five incidents	×	18
Periodic health examination	100%	○	100%
Health examination of employees posted overseas	100%	×	84%
Perform stress management (Introducing stress management check test)	100%	×	96.5%

\*1 Incidents points: An index used by the Dainippon Screen Group to indicate the gravity of incidents.

○:Achieved ×:Not achieved

2013	Targets	Results	Performance
Incidents resulting in four or more days of lost work	Up to one incidents	○	1
Incidents points*1	Up to 300 points	○	210 points
Accidents or incidents – at customers	Up to five incidents	×	9
Traffic accidents or incidents	Up to five incidents	×	14
Periodic health examination	100%	○	100%
Health examination of employees posted overseas	100%	×	91.9%

\*1 Incidents points: An index used by the Dainippon Screen Group to indicate the gravity of incidents.

○:Achieved ×:Not achieved

## Workplace incident severity rate\*1 (Dainippon Screen)

	2011	2012	2013
Frequency of incidents (Dainippon Screen)	0.25	0.24	0.00
Average frequency of incidents during production	0.98	1.05	1.00
Average frequency of incidents during production of electrical machinery and equipment	0.49	0.44	0.39

\*1 Frequency rate = (Number of injuries or deaths/hours worked) x 1,000,000 Number of injuries or deaths from accidents or incidents per 1 million hours of work.  
 Note: In the year ended March 31, 2012, the definition of workplace accidents or incidents (resulting in injury or death) from those resulting in four or more days of lost work to one or more days. As a result, figures may differ from those included in the 2011 Data Sheets.

## Workplace incident frequency rate\*1 (Dainippon Screen)

	2011	2012	2013
Dainippon Screen enhancement ratio for eradication of incidents	0.00	0.00	0.00
Average frequency of incidents during production	0.09	0.08	0.10
Average frequency of incidents during production of electrical machinery and equipment	0.13	0.02	0.01

\*1 Enhancement ratio = (days of work lost / total working hours) x 1,000 Indicates number of days lost per 1,000 hours of work.  
 Note: In the year ended March 31, 2012, the definition of workplace accidents or incidents (resulting in injury or death) from those resulting in four or more days of lost work to one or more days. As a result, figures may differ from those included in the 2011 Data Sheets.

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

	Education for new employees*1	Follow-up education for new employees	Management education	Foreman education	Supplementary foreman education	Risk assayer education	Education on the prevention of and response to infectious disease in the workplace*2
2011	1	1	72	91	2	49	3,078
2012	41	27	71	76	—	48	—
2013	73	50	66	51	—	167	—

\*1 During the year ended March 31, 2011, education provided to one mid-career recruit. Provided to 0 new employees hired in April 2010.

\*2 Conducted e-learning to raise awareness of infectious disease among all employees throughout the domestic Screen Group, as well as on prevention and response.

## Awards and external assessment results (related to CSR)

2013

### Related to the environment

Subjects	Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd.	January 2013	Nikkei Inc.	The 16th Environmental Management Survey
	October 2012	CDP	CDP 2012 Japan500
			216th position Disclosure Score : 70 Performance Score : D

### Related to occupational health and safety

Subjects	Organization	Name of initiative	Results
Head Office	September 2012	Kamigyo-ku, Kyoto, Fire Defense Liaison Council	Kamigyo-ku, Kyoto, Fire Defense Team Training Tournament, Internal Hydrant Department
Kumiyama Site	October 2012	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign
Hikone Site	August 2012	Automobile Safe Driving Center, Shiga Prefecture Office	Location with Superior Safety Record
	January 2013	Shiga Prefecture Traffic Safety No Accident Movement Executive Committee	Shiga Prefecture Traffic Safety Workplace-Specific No Accident Movement
	March 2013	Hikone/Inugami Region Safe Driving Managers Association	Fiscal 2012 Site-Specific Movement to Eliminate Traffic Accidents and Violations
Yasu Site	May 2012	Shiga Labor Standards Council, Outsu-shi Department	Type 4 No Accident Record
	May 2012	Moriyama Yasu Safe Driving Management Committee	Fiscal 2011 Accident- and violation-free driving
SOKUDO Co., Ltd. (Hikone)	March 2013	Hikone/Inugami Region Safe Driving Managers Association	Fiscal 2012 Site-Specific Movement to Eliminate Traffic Accidents and Violations
MEBACS Co., Ltd. (Yasu)	May 2012	Moriyama Yasu Safe Driving Management Committee	Fiscal 2011 Accident- and violation-free driving

### Others

Subjects	Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd.	March 2013	TOYO KEIZAI INC.	The 7th Toyo Keizai CSR Ranking
Hikone Site	November 2012	Takamiyagaku-ku Federated Residents Association	Takamiya-cho Distinguished Corporation
			Certificate of Appreciation

<Reference>

2012

Related to the environment

Subjects		Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd., TRANSUP Japan Co., Ltd.	December 2011	Ministry of Land, Infrastructure, Transport and Tourism (Eco-Ship Modal Shift Promotion Committee)	Certification System for Excellent Companies Employing Eco-Ships and Modal Shifts	Certification
	February 2012	Ministry of Land, Infrastructure, Transport and Tourism Maritime Bureau	Ministry of Land, Infrastructure, Transport and Tourism Maritime Bureau Chief Award	Awards
Dainippon Screen Mfg. Co., Ltd.	January 2012	Nikkei Inc.	The 15th Environmental Management Survey	148th position
	November 2011	CDP	CDP 2011 Japan500	Disclosure Score : 69 Performance Score : C

Related to occupational health and safety

Subjects		Organization	Name of initiative	Results
Head Office	October 2011	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
Rakusai Site	July 2011	Minister of Health, Labour and Welfare	Minister of Health, Labour and Welfare Incentive Award (Occupational Health and Safety Activities)	Awards
Kumiyama Site	October 2011	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
Hikone Site	September 2011	Kinki Region Traffic Safety Association, Kinki Regional Constabulary	Superior Traffic Safety Worksite	Awards
	March 2012	Hikone/Inugami Region Safe Driving Managers Association	Fiscal 2011 Site-Specific Movement to Eliminate Traffic Accidents and Violations	Awards
Tech In Tech Co., Ltd.	October 2011	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
	October 2011	Kyoto Prefectural Police, Kyoto Prefecture Traffic Safety Association	29th Contest on Eliminating Accidents through Better Traffic Manners	Gold prize
SOKUDO Co., Ltd. (Hikone)	March 2012	Hikone/Inugami Region Safe Driving Managers Association	Fiscal 2011 Site-Specific Movement to Eliminate Traffic Accidents and Violations	Awards

Others

Subjects		Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd.	March 2012	TOYO KEIZAI INC.	The 6th Toyo Keizai CSR Ranking	Overall ranking: 250th
	April 2012	TABLE FOR TWO International	Certificate of appreciation	Receipt
Hikone Site	November 2011	City of Hikone, Hikone Chamber of Commerce and Industry, Inae Chamber of Commerce	Fourth Award for Companies in the Hikone Region Promoting Employment for People with Disabilities	Awards
Semiconductor Equipment Company	July 2011	The Semiconductor Industry News	Semiconductor of the Year 2011(SU-3200)	Second Prize
Media and Precision Technology Japan Co., Ltd.	February 2012	Japan Society for Printing Science and Technology	Fiscal 2012 Science and Technology Award	Awards

2011

Related to the environment

Subjects		Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd.	December 2010	Nikkei Inc.	The 14th Environmental Management Survey	120th position
TRANSUP Japan Co., Ltd.	October 2010	Japan Packaging Institute	Japan Packaging Contest 2010	Logistics Award (New Type of Packaging Technology, ESPIE)
Media And Precision Technology Company	April 2011	Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry	Verification of CFP Mark Licensing	Acquisition of final CFP certification (Certification PCR # PA-BS-14)

Related to occupational health and safety

Subjects		Organization	Name of initiative	Results
Head Office	October 2010	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
	January 2011	Mayor of Kyoto City	Recognition at the City of Kyoto Firefighting Initiation Ceremony (Achievement by personnel in charge of fire prevention management)	Awards
Kuze Site	July 2010	Ministry of Health, Labour and Welfare	Minister of Health, Labour and Welfare Incentive Award (Occupational Health and Safety Activities)	Awards
Kumiyama Site	October 2010	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
Yasu Site	September 2010	Shiga Prefecture Safe Driving Managers Association	Excellent site	Awards
	November 2010	Shiga Prefecture Action Committee to Promote Traffic Safety and Accident-Free Driving	Shiga Prefecture to Promote Traffic Safety and Accident-Free Driving, Departments by Job Category	Prize for Excellence as Organization with Zero Accidents (Zero accidents achieved for 40 consecutive years)
	March 2011	Moriyama Yasu Safe Driving Management Committee	Fiscal 2010 Accident- and violation-free driving	Awards
Hikone Site	June 2010	Fire Safety Association	Fire Safety Merit Prize	Awards
	June 2010	Shiga Prefectural Police, Japan Safe Driving Center	Safe Driving Excellence Center	Platinum Award
	February 2011	Shiga Prefecture Action Committee to Promote Traffic Safety and Accident-Free Driving	Shiga Prefecture to Promote Traffic Safety and Accident-Free Driving, Departments by Job Category	Prize for Excellence as Organization with Zero Accidents (Zero accidents achieved for 40 consecutive years)
	March 2011	Hikone/Inugami Region Safe Driving Managers Association	Fiscal 2010 Site-Specific Movement to Eliminate Traffic Accidents and Violations	Awards
Tech In Tech Co., Ltd.	October 2010	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved
	December 2010	Kyoto Prefectural Police, Kyoto Prefecture Traffic Safety Association	28th Contest on Eliminating Accidents through Better Traffic Manners	Gold prize
FEBACS Co., Ltd.	October 2010	Kyoto Labour Bureau	Kyoto Zero-Incident Three-Month Campaign	Achieved

Others

Subjects		Organization	Name of initiative	Results
Dainippon Screen Mfg. Co., Ltd.	January 2011	Asia CSR Expert Committee	Japan CSR 30	Selected as one of 30 Japanese companies
	March 2011	TOYO KEIZAI INC.	The 5th Toyo Keizai CSR Ranking	Overall ranking: 293rd

# 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 Group)

As of March 31, 2013

		ISO9001	ISO14001	OHSAS18001
Manufacturing	Tech In Tech Co., Ltd.	Acquired	Acquired	Acquired
	Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.		Acquired	Acquired
	Quartz Lead Co., Ltd.	Acquired	Acquired	Acquired
	FASSE Co., Ltd.	Acquired	Acquired	Acquired
	SOKUDO Co., Ltd.	Acquired	Acquired	Acquired
Services	MT Service Japan East Co., Ltd.	Acquired	Acquired	Acquired
	MT Service Japan West Co., Ltd.	Acquired	Acquired	Acquired
	SEBACS Co., Ltd.	Acquired	Acquired	Acquired
	FEBACS Co., Ltd.	Acquired	Acquired	Acquired
	MEBACS Co., Ltd.	Acquired	Acquired	Acquired
Others	Media Technology Japan Co., Ltd.		Acquired	Acquired
	Tec Communications Co., Ltd.	Acquired	Acquired	Acquired
	TRANSUP Japan Co., Ltd.		Acquired	Acquired
	INITOUT Japan Co., Ltd.		Acquired	Acquired
	S. Ten Nines Kyoto Co., Ltd.		Acquired	Acquired
	GERANT Co., Ltd.		Acquired	Acquired
	DS FINANCE Co., Ltd.			
	ReVersion 65 Co., Ltd.			
	Miyako LinkRing Co., Ltd.			
	EMD Corporation			
SCREEN KUMAMOTO Co., Ltd.				

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

		ISO9001	ISO14001	OHSAS18001
Manufacturing	Dainippon Screen Mt (Hangzhou) Co., Ltd.	Acquired	Acquired	
	Inca Digital Printers Ltd.	Acquired		
	Silicon Light Machines Corporation			
Others	D.S. North America Holdings, Inc.			
	Dainippon Screen Graphics (USA), LLC			
	DNS Electronics, LLC			
	SOKUDO USA, LLC			
	Dainippon Screen (U.K.) Ltd.*1			
	Dainippon Screen (Deutschland) GmbH			
	Dainippon Screen (Nederland) B.V.			
	Dainippon Screen Singapore Pte. Ltd.			
	Dainippon Screen (China) Ltd.			
	Dainippon Screen Electronics (Shanghai) Co., Ltd.			
	Dainippon Screen Electronics (Taiwan) Co., Ltd.			
	DNS Feats (Taiwan) Co., Ltd.			
	Dainippon Screen (Taiwan) Co., Ltd.			
	Dainippon Screen (Australia) Pty. Ltd.	Acquired		
Dainippon Screen (Korea) Co., Ltd.	Acquired			

\*1 Subsidiary of Dainippon Screen (Nederland) B.V. from April 1, 2013.

### Environmental audit (domestic Group)

	2011	2012	2013
Number of organizations subject to environmental audit	35	34	34
Number of improvements recommended	65	190	107
Number of internal auditors*1	231	294	310
Number of training sessions for auditors	—	1	—
Number of participants	—	5	—

\*1 Integration of management systems since the year ended March 31, 2012, resulted in numerous instances of people holding environmental, health and safety, or energy qualifications or in some cases, multiple qualifications.

### Environmental audit (Dainippon Screen)

	2011	2012	2013
Number of organizations subject to environmental audit	20	19	19
Number of improvements recommended	36	116	66
Number of internal auditors*1	158	202	209
Number of training sessions for auditors	—	1	—
Number of participants	—	3	—

\*1 Integration of management systems since the year ended March 31, 2012, resulted in numerous instances of people holding environmental, health and safety, or energy qualifications or in some cases, multiple qualifications.



## Legal compliance and reported complaints (Dainippon Screen Group in Japan)

2011
No particular issues arose.
2012
No particular issues arose.
2013
No particular issues arose.

## EHS education

Basic courses	General employee course Foreman course Manager course Internal contractor company course Awareness course	Courses by job function	Product designer course Purchasing manager course Course for people in charge of facility operations Factory facility manager course Course for people in charge of waste management Course for people in charge of chemical substance management Course for specific persons handling chemical solutions or gases Workplace vehicle operator course Course for legally qualified individuals
EHS management course	Individual EHS manager/individual EHS secretary course Issue-specific course for section committee members Internal EHS auditor course Environmental assay course Risk assay course Individual EHS Secretariat courses General bureau course	Organization-specific courses	Course for legally qualified individuals Customer-specific license training course Emergency response training Qualifications required for individual sites, lines, groups, etc.

## Program contents

	2012		2013	
	Date	Number of participants	Date	Number of participants
Basic courses: General employee (new employee) course	April	21	April	62
Basic courses: General employee course (fundamentals of consolidated EHS, e-learning)	May - June	2,788	—	—
Basic courses: Foreman course	August, December	36	August, December	51
Basic courses: Manager course	April, August	71	April, June	64
EHS management course: Internal auditor course (internal auditor training)	November	5	August	7
EHS management course: Risk assay course	November, February	48	September, October	112
EHS management course: EHS secretary course/EHS Secretariat course (incident and accident analysis training)	October	53	October	55
EHS management course: EHS secretary course/EHS Secretariat course (legal training)	October	34	March	70

## Environmental accounting

(Dainippon Screen Group in Japan)

(Millions of yen)

Environmental protection costs	Category	Protection costs			Amount invested		
		2011	2012	2013	2011	2012	2013
1. Cost within business area	1. Pollution prevention Wastewater treatment facilities, air treatment facilities	498	526	377	6	1	68
	2. Environmental preservation Inverters, facilities for preventing global warming	58	88	46	36	34	1,738
	3. Resource circulation Appropriate waste disposal	40	81	62	0	0	0
2. Upstream/downstream costs	Recycled product business	707	648	594	0	0	0
3. Administration costs	Analysis and measurement, environmental management education	158	186	96	0	3	1,070
4. R&D costs	Development of environmentally-friendly products	1,213	1,389	1,269	—	0	0
5. Social initiative costs	Publishing report, environmental beautification initiatives	16	10	12	0	8	0
6. Costs associated with resolving environmental damages		55	54	50	0	0	0
<b>Total</b>		<b>2,745</b>	<b>2,981</b>	<b>2,504</b>	<b>42</b>	<b>47</b>	<b>2,876</b>

Environmental preservation effects	Category	Amount			Cost		
		2011	2012	2013	2011	2012	2013
Effects of reductions in volume of chemical substances used		▲23 metric tons	▲27 metric tons	0.2 metric tons	▲41	▲48	0
Effects of reductions in amount of energy used		▲1,320 metric tons of CO <sub>2</sub>	▲1,626 metric tons of CO <sub>2</sub>	▲9,237 metric tons of CO <sub>2</sub>	▲144	▲4	13
Effects of reductions in volume of waste emissions		▲857 metric tons	22 metric tons	150 metric tons	▲10	0	2
Effects of resource conservation Reuse of products and sale of paper and cardboard		38 metric tons	30 metric tons	29 metric tons	999	913	849
<b>Total</b>					<b>803</b>	<b>862</b>	<b>864</b>

**CO<sub>2</sub> emissions for each site and Group company**

(t)

	2010	2011	2012	2013
<b>Domestic Group (Dainippon Screen+domestic Group companies)</b>				
<b>Dainippon Screen Mfg. CO., Ltd.</b>				
Hikone	16,399	15,791	16,190	<b>18,617</b>
Sites in head office area (head office, Nishikyogoku, Kyoto Minami)	632	496	605	<b>876</b>
Rakusai	3,802	3,782	3,444	<b>3,907</b>
Taga	451	2,848	3,307	<b>3,652</b>
Yasu	1,718	1,661	3,176	<b>4,779</b>
Kumiyama	1,521	1,359	1,388	<b>1,954</b>
Sites in Tokyo area (Kudan, Monzennaka-cho)	16	10	59	<b>136</b>
<b>Total of sites</b>	<b>25,667</b>	<b>26,724</b>	<b>28,170</b>	<b>33,921</b>
<b>Domestic Group companies</b>				
Tech In Tech Co., Ltd.	433	488	453	<b>558</b>
Quartz Lead Co., Ltd.	714	1,210	1,109	<b>1,086</b>
SEBACS Co., Ltd.	67	72	74	<b>18</b>
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	8	8	26	<b>71</b>
FEBACS Co., Ltd.	154	141	363	<b>240</b>
FASSE Co., Ltd.	445	468	431	<b>608</b>
SOKUDO Co., Ltd.	2,181	1,810	1,982	<b>2,651</b>
Media Technology Japan Co., Ltd.	54	60	44	<b>44</b>
MT Service Japan West Co., Ltd.	36.4	29	27	<b>38</b>
MT Service Japan East Co., Ltd.	12	109	66	<b>79</b>
S.Ten Nines Kyoto Co., Ltd.	41	38	67	<b>93</b>
INITOUT Japan Co., Ltd.	25	20	21	<b>20</b>
Tec Communications Co., Ltd.	83	69	67	<b>95</b>
TRANSUP Japan Co., Ltd.	29	24	22	<b>88</b>
GERANT Co., Ltd.	10	10	9	<b>2,472</b>
MEBACS Co., Ltd.	34	32	8	<b>93</b>
<b>Total of domestic Group companies</b>	<b>4,326</b>	<b>4,588</b>	<b>4,768</b>	<b>8,254</b>
<b>Total of domestic Group</b>	<b>29,993</b>	<b>31,312</b>	<b>32,938</b>	<b>42,175</b>
<b>Overseas Group</b>				
Dainippon Screen Mt (Hangzhou) Co., Ltd.	256	272	518	<b>591</b>
Inca Digital Printers Ltd.	374	1,302	1,194	<b>1,014</b>
Dainippon Screen (Nederland) B.V.	112	133	143	<b>148</b>
Dainippon Screen (U.K.) Ltd.	—	11	210	<b>1,011</b>
Dainippon Screen Graphics (USA), LLC	—	288	280	<b>382</b>
Dainippon Screen (China) Ltd.	87	66	65	<b>54</b>
Dainippon Screen (Korea) Co., Ltd.	67	69	71	<b>165</b>
Dainippon Screen (Taiwan) Co., Ltd.	17	21	23	<b>24</b>
Dainippon Screen (Australia) Pty. Ltd.	49	50	54	<b>53</b>
Screen Media Technology Ltd.	33	30	33	<b>20</b>
Dainippon Screen (Deutschland) GmbH	565	543	504	<b>1,769</b>
Dainippon Screen Electronics (Taiwan) Co., Ltd.	328	301	341	<b>334</b>
Dainippon Screen Singapore Pte. Ltd.	198	215	167	<b>219</b>
DNS Electronics, LLC	356	345	737	<b>797</b>
Dainippon Screen Electronics (Shanghai) Co., Ltd.	96	173	172	<b>78</b>
DNS Feats (Taiwan) Co., Ltd.	103	95	90	<b>84</b>
Silicon Light Machines Corporation	250	345	319	<b>290</b>
<b>Total of overseas Group</b>	<b>2,889</b>	<b>4,258</b>	<b>4,920</b>	<b>7,033</b>

Note1: Basis for calculation: The Dainippon Screen Group in Japan bases CO<sub>2</sub> conversions on the "Guidelines for Calculating Greenhouse Gas Emission from Businesses," issued by the Ministry of the Environment.

Domestic emissions conversion factors for year ended March 31, 2013: Kansai Electric 0.45, Tokyo Electric 0.464, Hokuriku Electric 0.641, Tohoku Electric 0.547 kgCO<sub>2</sub>/kWh.

For the overseas Dainippon Screen Group, calculations are based on the greenhouse gas protocol conversion factor announced for the year ended March 31, 2006.

Note2: A "—" indicates that the data was not available.

**CO<sub>2</sub> emissions by Greenhouse Gas Protocol classification (the Dainippon Screen Group)**

(t)

	2010	2011	2012	2013
Scope 1 + Scope 2	32,882	35,571	37,858	<b>49,208</b>
Scope 1	8,155	11,124	11,797	<b>13,702</b>
Scope 2	24,727	24,447	26,061	<b>35,506</b>

Note1: Greenhouse Gas Protocol is internationally recognized standards for calculation and reporting of GHG emissions.

Note2: Scope 1 includes greenhouse gas emissions from the direct use of fossil fuels. Scope 2 targets emissions generated through secondary use resulting from electricity purchases.

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

	Item	Site	Reduction	
2010	Results of CO <sub>2</sub> reductions due to the introduction of no-overtime days and cost cutting effect CO <sub>2</sub> reductions	At each Site	CO <sub>2</sub> reduction results	Approximately 27.2 metric tons of CO <sub>2</sub> /month
			Cost-cutting results	Approximately ¥60,800/month
	Green IT	Kumiyama, Industry organization		
2011	Upgrade of equipment using absorption to generate hot/cold water	Rakusai	CO <sub>2</sub> reduction results	88 metric tons
			Cost-cutting results	¥2,495,000
2011	Revision of operation times for two-stage CR hot water pumps	Rakusai	CO <sub>2</sub> reduction results	20 metric tons
			Cost-cutting results	¥582,000
2012	Installing heat barrier curtain	Head Office	CO <sub>2</sub> reduction results	0.3 metric ton
			Cost-cutting results	¥9,000
2012	Upgrading air compressor	Rakusai	CO <sub>2</sub> reduction results	44 metric tons
			Cost-cutting results	¥1,226,000
2012	Upgrading humidification steam boiler	Rakusai	CO <sub>2</sub> reduction results	28 metric tons
			Cost-cutting results	¥720,000
2013	Upgrading air conditioning equipment at CRC wing	Hikone	<b>CO<sub>2</sub> reduction results</b>	<b>10.9t-CO<sub>2</sub></b>
			<b>Cost-cutting results</b>	<b>¥698,000</b>
2013	Spacing out fluorescent lighting throughout the office	Yasu	<b>CO<sub>2</sub> reduction results</b>	<b>23.7t-CO<sub>2</sub></b>
			<b>Cost-cutting results</b>	<b>¥1,518,000</b>

## Low-emission vehicles

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

	2010	2011	2012	2013
Number of energy-efficient vehicles	135	141	121	119
Number of other vehicles	7	7	2	2
Target ratio of energy-efficient vehicles (%)	—	—	—	—
Actual ratio of energy-efficient vehicles (%)	95.1	95.3	98.4	98.3
Number of low-emission trucks in service	90	357	831	432

## Energy

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

(Thousands of gigajoules)

	2010	2011	2012	2013
Scope1: Direct energy (town gas/LPG/kerosene)	155	198	192	166
Scope2: Interim energy (electricity)	663	657	600	553

### Direct/indirect energy consumption (domestic Group)

(Thousands of gigajoules)

	2010	2011	2012	2013
Scope1: Direct energy (town gas/LPG/kerosene)	179	202	214	196
Scope2: Indirect energy (electricity)	753	719	705	693

## Chemical substances

### Data regarding substances subject to the PRTR Act (domestic Group)

(t)

Substance name	Cabinet order number	Usage		
		2011	2012	2013
Hexavalent chromium compound	88	—	—	—
Trivalent chromium compound	87	—	—	—
Xylene	80	0.2	0.2	<b>0.1</b>
Hydroquinone	336	—	—	—
Hydrogen fluoride and its compound	374	4.5	5.5	<b>4.9</b>
Ethylene glycol	—	0.2*1	—	—
Poly (oxyethylene) = nonylphenyl ether	407	—	—	—
Nickel	308	—	—	—
Nickel compound	309	—	—	—
Hydrazine	333	0.2	0.4	<b>0.4</b>
Formaldehyde	411	0.1	0	<b>0</b>
2-aminoethanol	20	0	0	<b>0</b>
Toluene	300	0.1	0	<b>0.1</b>
Ferric chloride	71	21.5	47.3	<b>47.6</b>
N,N-dimethylformamide	232	—	—	<b>0.1</b>
<b>Total</b>		<b>26.6</b>	<b>53.4</b>	<b>53.2</b>

\*1 Owing to a regulatory revision, in the fiscal year ended March 31, 2011, ethylene glycol was eliminated from the list of substances subject to the PRTR Act.

Substance name	Amount of movement								
	Emissions to the atmosphere			Emissions to the water system			Amount of movement of wastes		
	2011	2012	2013	2011	2012	2013	2011	2012	2013
Hexavalent chromium compound	—	—	—	—	—	—	—	—	—
Trivalent chromium compound	—	—	—	—	—	—	—	—	—
Xylene	0.2	0.2	<b>0.1</b>	0	0	<b>0</b>	0	0	<b>0</b>
Hydroquinone	—	—	—	—	—	—	—	—	—
Hydrogen fluoride and its compound	0	0	<b>0</b>	0	0	<b>0</b>	4.5	5.5	<b>4.9</b>
Ethylene glycol	—	—	—	—	—	—	—	—	—
Poly (oxyethylene) = nonylphenyl ether	—	—	—	—	—	—	—	—	—
Nickel	—	—	—	—	—	—	—	—	—
Nickel compound	—	—	—	—	—	—	—	—	—
Hydrazine	0	0	<b>0</b>	0	0	<b>0</b>	0.2	0.4	<b>0.4</b>
Formaldehyde	0	0	<b>0</b>	0	0	<b>0</b>	0.1	0	<b>0</b>
2-aminoethanol	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>
Toluene	0.1	0	<b>0.1</b>	0	0	<b>0</b>	0	0	<b>0</b>
Ferric chloride	0	0	<b>0</b>	0	0	<b>0</b>	21.5	47.3	<b>47.6</b>
N,N-dimethylformamide	—	—	<b>0</b>	—	—	<b>0</b>	—	—	<b>0.1</b>
<b>Total</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26.3</b>	<b>53.2</b>	<b>53</b>

### PCB processing (domestic Group)

Type	2010	2011	2012	2013
High-voltage capacitors	43	43	46	<b>1</b>
Low-voltage capacitors	197	197	197	<b>197</b>
Fluorescent light ballasts	178	178	178	<b>178</b>
Transformers	1	1	1	<b>4</b>
Reactors	3	5	5	<b>5</b>
Capacitors*1	—	—	—	<b>6</b>

\*1 Indicated from the fiscal year ended March 31, 2013, as equipment containing low-concentration PCBs is included.

## Amount of substances used and in circulation

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

(t)

	2011	2012	2013
Total amount of substances used	14,054	14,753	<b>11,311</b>
Chemical substances	27	53	<b>52</b>

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

(t)

	2011	2012	2013
Total amount of substances used	15,392	16,008	<b>12,072</b>
Chemical substances	27	53	<b>53</b>

## Waste/recycling

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

(t)

	2010	2011	2012	2013
Total volume of waste emissions	479	1,481	1,420	1,373
Volume of recycled waste	475	1,468	1,394	1,319
Recycling rate (%)	99.2%	99.1%	98.2%	96.1%
Volume of waste for final disposal	4	13	26	54

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

(t)

	2010	2011	2012	2013
Total volume of waste emissions	647	1,794	1,806	1,656
Volume of recycled waste	629	1,730	1,708	1,516
Recycling rate (%)	97.22%	96.43%	94.57%	91.55%
Volume of waste for final disposal	18	64	98	140

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

(t)

	2010	2011	2012	2013
<b>Domestic Group (Dainippon Screen+domestic Group companies)</b>				
<b>Dainippon Screen Mfg. Co., Ltd.*1</b>				
Hikone	427	769	863	899
Sites in head office area (head office, Nishikyogoku, Kyoto Minami)	26	23	26	23
Rakusai	49	37	34	45
Taga	0	108	138	74
Yasu	41	56	91	100
Kuze	41	187	22	—
Kumiyama	157	299	242	211
Sites in Tokyo area (Kudan, Monzennaka-cho)	8	1	3	21
<b>Total of sites</b>	<b>749</b>	<b>1,481</b>	<b>1,419</b>	<b>1,373</b>
<b>Domesitic Group companies</b>				
Tech In Tech Co., Ltd.	11	18	23	17
Quartz Lead Co., Ltd.	29	89	89	58
SEBACS Co., Ltd.	16	4	2	5
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	1	2	2	1
FEBACS Co., Ltd.	4	3	7	4
FASSE Co., Ltd.	79	124	126	93
SOKUDO Co., Ltd.	3	11	29	11
Media Technology Japan Co., Ltd.	8	6	12	10
MT Service Japan West Co., Ltd.	5	5	4	4
MT Service Japan East Co., Ltd.	2	13	8	7
S. Ten Nines Kyoto Co., Ltd.	1	0	1	1
INITOUT Japan Co., Ltd.	1	1	1	1
Tec Communications Co., Ltd.	6	9	11	7
TRANSUP Japan Co., Ltd.	19	25	66	63
GERANT Co., Ltd.	0	0	0	0
MEBACS Co., Ltd.	3	3	6	1
<b>Total of domestic Group companies</b>	<b>188</b>	<b>313</b>	<b>387</b>	<b>283</b>
<b>Total of domestic Group</b>	<b>937</b>	<b>1,794</b>	<b>1,806</b>	<b>1,656</b>
<b>Overseas Group</b>				
<b>Total of overseas Group</b>				<b>88</b>

\*1 Emissions at each site exclude emissions by domestic Group companies located within those sites.

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

### Breakdown of external waste emissions

(t)

	2011	2012	2013		2011	2012	2013
Volume of valuable resources	648.1	721.1	589.6	Waste oil (special)	10.3	15.0	17.9
Sludge waste	310.2	385	383.5	Ceramics, glass	20.4	10.6	9.8
General-purpose paper	130.9	24.1	19.7	Waste alkali (special)	18.8	22.9	5.2
Waste plastic	195.3	168.3	163.1	Electric wiring, PCBs	1.6	0.0	0.0
Waste acid (special)	100.3	94.6	84.4	Burnable waste	2.1	3.2	6.8
Cardboard	45.1	25.0	22.5	Waste film	21.7	19.7	18.7
Cloth, wood scrap	66.9	69.8	66.1	Batteries	0.6	0.8	1.0
Waste alkali	19.2	25.2	21.7	Waste acid	5.3	4.4	1.4
Scrap metal	90.2	96.0	107.3	Waste fluorescent lighting	5.6	2.0	2.1
Paper	71.0	47.5	40.6	Others	17.0	51.8	25.6
Waste oil	13.4	19.4	13.1				

### Breakdown of valuable resources indicated above

(t)

	2011	2012	2013		2011	2012	2013
Cardboard	204.5	185.6	164.9	Film	0.1	0.1	0.0
Metals	191.4	250.0	139.1	Glass (wafers)	1.8	1.2	2.0
General-purpose paper	192.5	212.8	197.9	Magazines, catalogs	3.0	3.5	8.3
Polyvinyl chloride	10.7	19.6	13.5	Others	44.1	48.3	63.9

**Recycling rates by site and Group company**

(%)

	2011	2012	2013		2011	2012	2013
<b>Domestic Group (Dainippon Screen+domestic Group companies)</b>							
<b>Dainippon Screen Mfg. Co., Ltd.</b>				<b>Domestic Group companies</b>			
Hikone Plant	98.3	97.3	99.0	Tech In Tech Co., Ltd.	94.9	94.4	95.8
Sites in head office area (head office, Nishikyogoku, Kyoto Minami)	99.9	99.9	99.4	Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	64.1	56.7	54.9
Rakusai Site	100.0	99.9	91.4	Quartz Lead Co., Ltd.	99.3	100.0	99.4
Taga Plant	100.0	100.0	100.0	FASSE Co., Ltd.	62.6	52.0	54.7
Yasu Plant	100.0	97.6	95.2	SOKUDO Co., Ltd.	99.7	99.2	97.7
Kumiyama Plant	100.0	100.0	100.0	MT Service Japan East Co., Ltd.	100.0	100.0	100.0
Sites in Tokyo area (Kudan, Monzennaka-cho)	100.0	94.6	93.0	MT Service Japan West Co., Ltd.	100.0	100.0	100.0
				SEBACS Co., Ltd.	96.7	99.5	98.4
				FEBACS Co., Ltd.	99.7	99.9	100.0
				MEBACS Co., Ltd.	100.0	98.5	96.6
				Media Technology Japan Co., Ltd.	72.3	98.5	100.0
				Tec Communications Co., Ltd.	98.3	98.4	93.8
				TRANSUP Japan Co., Ltd.	100.0	100.0	100.0
				INITOUT Japan Co., Ltd.	99.9	100.0	100.0
				S. Ten Nines Kyoto Co., Ltd.	89.8	91.5	81.9
				GERANT Co., Ltd.	100.0	100.0	100.0
<b>Total of domestic Group</b>					83.8	95.0	96.1

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

 **Green purchasing ratio**
**Green purchasing ratio by site and Group company**

(%)

	2011	2012	2013
<b>Domestic Group (Dainippon Screen+domestic Group companies)</b>			
<b>Dainippon Screen Mfg. Co., Ltd.</b>			
Hikone	99.97	99.90	99.60
Sites in head office area (head office, Nishikyogoku, Kyoto Minami)	76.38	88.83	99.40
Rakusai	100.00	100.00	100.00
Taga	100.00	100.00	100.00
Yasu	99.68	100.00	100.00
Kumiyama	100.00	100.00	100.00
Sites in Tokyo area (Kudan, Monzennaka-cho)	100.00	100.00	100.00
<b>Domestic Group companies</b>			
Tech In Tech Co., Ltd.	100.00	100.00	100.00
Scientific and Semiconductor Manufacturing Equipment Recycling Co., Ltd.	100.00	100.00	100.00
Quartz Lead Co., Ltd.	100.00	100.00	100.00
FASSE Co., Ltd.	96.13	99.51	85.80
SOKUDO Co., Ltd.	100.00	100.00	100.00
MT Service Japan East Co., Ltd.	100.00	100.00	100.00
MT Service Japan West Co., Ltd.	100.00	100.00	100.00
SEBACS Co., Ltd.	100.00	100.00	100.00
FEBACS Co., Ltd.	100.00	100.00	100.00
MEBACS Co., Ltd.	100.00	100.00	100.00
Media Technology Japan Co., Ltd.	100.00	100.00	100.00
Tec Communications Co., Ltd.	99.81	99.70	100.00
TRANSUP Japan Co., Ltd.	99.28	100.00	100.00
INITOUT Japan Co., Ltd.	98.54	100.00	100.00
S. Ten Nines Kyoto Co., Ltd.	100.00	100.00	100.00
GERANT Co., Ltd.	89.17	100.00	100.00
<b>Total of domestic Group</b>	98.58	98.79	99.74

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

 **Water**
**Water used (Dainippon Screen)**

 (Thousands of m<sup>3</sup>)

	2008	2009	2010	2011	2012	2013
Service water	420	300	221	247	243	254
Industrial water	2,094	2,070	1,674	1,803	1,837	1,846
<b>Total</b>	2,514	2,370	1,895	2,050	2,080	2,100

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

 (Thousands of m<sup>3</sup>)

	2008	2009	2010	2011	2012	2013
Public water areas, sewerage	2,482	2,363	1,895	2,050	2,080	2,100

**Water used (domestic Group)**

 (Thousands of m<sup>3</sup>)

	2008	2009	2010	2011	2012	2013
Service water	434	311	244	281	276	286
Industrial water	2,094	2,070	1,674	1,803	1,837	1,846
<b>Total</b>	2,528	2,381	1,918	2,084	2,113	2,132

**Total volume of water emissions (domestic Group)**

 (Thousands of m<sup>3</sup>)

	2008	2009	2010	2011	2012	2013
Public water areas	2,495	2,373	1,917	2,072	2,113	2,132

**Water used (overseas group)**

 (Thousands of m<sup>3</sup>)

	2013
Service water	19

**BOD and COD measurements (Dainippon Screen)**

(mg/l)

	2008	2009	2010	2011	2012	2013
BOD	1.4	1.4	1.6	1.5	1.9	1.5
COD	2.4	2.4	2.8	2.3	1.5	1.6

 **Air quality**
**SOx and NOx emissions (Dainippon Screen Group in Japan)**

(t)

	2011	2012	2013
SOx emissions	0.00	0.00	0.00
NOx emissions	8.9	8.5	8.4

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

(t)

	2011	2012	2013
Vehicles	819	939	539
Ships	40	35	6
Railroads	1	1	1

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

	Number of shipments			CO <sub>2</sub> reductions		
	2011	2012	2013	2011	2012	2013
Marine transport	296	263	50	202 metric tons	180 metric tons	33 metric tons
Rail transport	82	92	55	8 metric tons	8 metric tons	5 metric tons

**Number of trucks involved in transportation**

	2011	2012	2013
Number of trucks involved in product transportation	4,367 (147% compared with levels during the fiscal year ended Mar. 31, 2010)	4,326 (99.1% compared with levels during the fiscal year ended Mar. 31, 2011)	2,706 (62.6% compared with levels during the fiscal year ended Mar. 31, 2012)
Number of trucks used for coastal shipping (to Kyushu)	296 (194% compared with levels during the fiscal year ended Mar. 31, 2010)	263 (88.9% compared with levels during the fiscal year ended Mar. 31, 2011)	50 (19.0% compared with levels during the fiscal year ended Mar. 31, 2012)

**Environmental consideration for transportation indirect materials and product containers and packaging**

	Initiative	Result
2011	Reuse of cushioning materials at Hikone CRC Parts Center	Reuse of 561 kg of cushioning materials
	Promotion of ESPIE packaging using reinforced cardboard as packaging for the transportation of semiconductor and LCD fabrication equipment	Reduction of 501 tons in wooden materials. The rate of reduction in total use of wooden materials came to 16%*1
2012	Reuse of cushioning materials at Hikone CRC Parts Center	Reuse of 215 kg of cushioning materials
	Promotion of ESPIE packaging using reinforced cardboard as packaging for the transportation of semiconductor and LCD production equipment	Reduction of 324 tons in wooden materials. The rate of reduction in total use of wooden materials came to 10%*1
2013	Reuse of cushioning materials at Hikone CRC Parts Center	Reuse of 168 kg of cushioning materials
	Promotion of ESPIE packaging using reinforced cardboard as packaging for the transportation of semiconductor and LCD fabrication equipment	Reduction of 263 tons in wooden materials. The rate of reduction in total use of wooden materials came to 20%*1
	Reduction in wooden materials, owing to revision of packaging sizes	Reduction of 8.4 tons in wooden materials (initiatives from the fiscal year ended March 31, 2013)

\*1 Percentage decrease = Amount of reduction in wooden materials due to ESPIE (reinforced cardboard packaging) ÷ Total amount of wooden materials used in packaging for export (SEC and FEC products) × 100

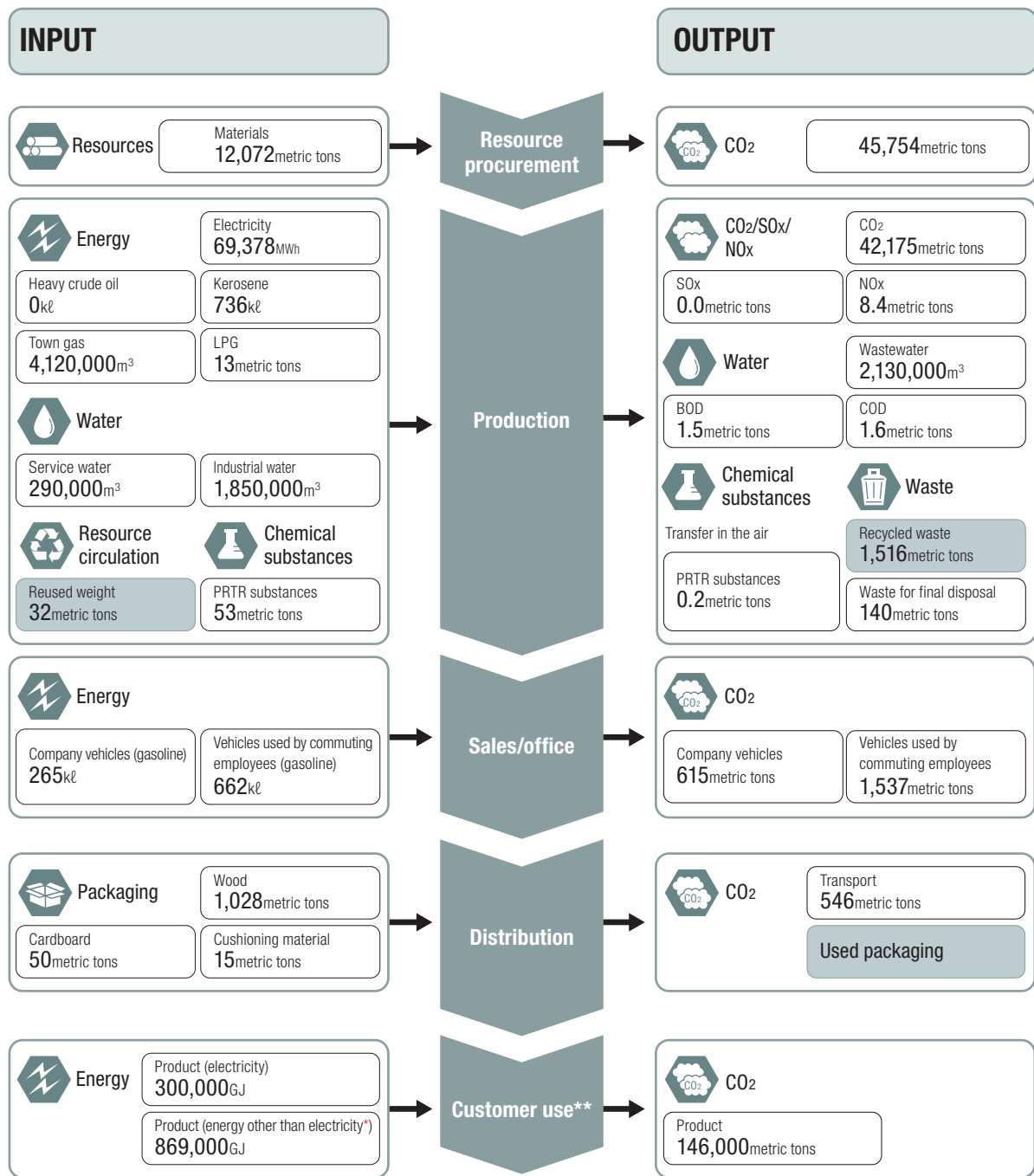
 **Reducing environmental impacts of products**
**Percentage of total sales and number of green products (environmentally friendly designated products) (Dainippon Screen)**

	2011	2012	2013
Number of green products	76	85	93
Percentage of total sales (%) Target	50	60	65
Percentage of total sales (%) Performance	60	80	83

Note: 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>

## Material Balance (domestic Group)



\* Energy for utility (ultra pure water, dry air, nitrogen, exhaust, cooling water) equipment

\*\* Use during a one-year period by customers of production shipped in the year ended March 31, 2013