Business Site Data

	Site (Resource Conservation and Recycling) See page 43.				
	Waste recovery rate (%)	Total amount of waste generated (tons)[1]	Total amount of waste discharged (tons)[2]	Final amount of waste disposed (tons)	Water consumption (thousand tons)
Ricoh's Business Sites					
Atsugi Plant–Office equipment and other products 1005 Shimo-Ogino, Atsugi, Kanagawa 243-0298, Japan	100	1,039	1,039	0.0	105
Hatano Plant–Printed circuit boards and electronic components 423 Hirasawa, Hadano, Kanagawa 257-8586, Japan	100	123	123	0.0	12
Numazu Plant–Supplies 16-1 Honda-machi, Numazu, Shizuoka 410-8505, Japan	100	15,182	11,161	0.0	1,587
Gotemba Plant–Copiers, fax machines, and data processing systems 1-10 Komakado, Gotemba, Shizuoka 412-0038, Japan	100	2,796	2,796	0.0	41
Fukui Plant–Supplies 64-1 Ohmi, Sakai-cho, Sakai, Fukui 919-0547, Japan	100	2,255	2,255	0.0	202
Ikeda Plant–Electronic devices and office equipment 13-1 Himemuro-cho, Ikeda, Osaka 563-8501, Japan	100	165	165	0.0	128
Yashiro Plant–Electronic devices 30-1 Saho, Kato, Hyogo 673-1447, Japan	100	507	507	0.0	157
Non-production sites	99.5	1,920	1,920	9.1	210
Total	99.9	23,987	19,966	9.1	2,441
The Ricoh Group's Manufacturing Subsidiaries in Japan					
Tohoku Ricoh Co., Ltd.–Office equipment and parts for copiers 3-1 Shinmeido, Nakanomyo, Shibata-machi, Shibata-gun, Miyagi 989-1695, Japan	100	1,438	1,438	0.0	147
Hasama Ricoh, Inc.–Parts for copiers and data processing equipment 86 Aza-Kitasanden, Sanuma, Hasama-cho, Tome, Miyagi 987-0511, Japan	100	2,791	2,791	0.0	8
Ricoh Unitechno Co., Ltd.–Fax machines, copiers, and microfilm equipment 713 Tsurugasone, Yashio, Saitama 340-0802, Japan	100	311	311	0.0	17
Ricoh Optical Industries Co., Ltd.–Photographic equipment 10-109 Ohata, Hanamaki, Iwate 025-0303, Japan	100	834	834	0.0	49
Ricoh Keiki Co., Ltd.–Parts for copiers and data processing equipment 3144-1 Aza-Ipponguri, Shimoizumi, Kuboizumi-machi, Saga 849-0903, Japan	100	177	177	0.0	4
Ricoh Microelectronics Co., Ltd.–Printed circuit boards 10-3 Kitamura, Tottori, Tottori 680-1172, Japan	100	460	460	0.0	16
Ricoh Elemex Corporation–Office equipment, clocks, watches, and educational equipment 2-14-29 Uchiyama, Chikusa-ku, Nagoya, Aichi 464-0075, Japan **Ena Plant, Okazaki Plant**	100	1,099	1,099	0.04 [5]	70
Ricoh Printing Systems Ltd.[4]–Printers and related equipment 2-15-1 Konan, Minato-ku, Tokyo 108-6021, Japan	100	2,061	2,061	0.0	97
Yamanashi Electronics Co., Ltd.–Photoconductor drums 1014 Miyabara-cho, Kofu, Yamanashi 400-0058, Japan	99.4	100	100	0.6	309
Total	99.9	9,272	9,272	0.6	717
The Ricoh Group's Manufacturing Subsidiaries outside Japan					
Ricoh Electronics, Inc. (REI) –Office equipment and supplies One Ricoh Square, 1100 Valencia Avenue, Tustin, CA 92780, U.S.A.	100	7,183	7,183	0.0	182
Ricoh UK Products Ltd. (RPL) –Copiers and supplies Priorslee, Telford, Shropshire TF2 9NS, U.K	100	1,154	1,154	0.0	25
Ricoh Industrie France S.A.S. (RIF) –Copiers and supplies 144, Route de Rouffach 68920, Wettolsheim, France	100	11,097	11,097	0.0	76
Ricoh Asia Industry (Shenzhen) Ltd. (RAI) –Copiers Color TV Industrial Zone, North Hung Gang Road, Shenzhen, People's Republic of China	100	1,336	1,336	0.0	236
Shanghai Ricoh Facsimile Co., Ltd. (SRF) –Facsimiles No. 885, Jingang Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai, People's Republic of China	100	686	686	0.0	39
Shanghai Ricoh Digital Equipment Co., Ltd. (SRD) –Printers, other digital equipment and related components No.887 Jingang Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai, People's Republic of China	100	719	719	0.0	12
Total	100	22,176	22,176	0.0	570

1. **Total amount of waste generated**
When waste is generated after waste reduction processing during manufacturing, the total amount of waste generated means the amount of waste at the point of generation. When waste is processed after manufacturing at a facility in a business site, the total amount of waste generated means the amount of waste prior to waste processing. Waste includes valuable materials. Waste generated from recycling business and waste production equipment and utility equipment is excluded.

Sites (Preventing Global Warming) See page 37.		Sites (Pollution Prevention) See page 47.				
Energy consumption		Emissions into air (NOx) (tons)	Emissions into air (SOx) (tons)	Water discharge (BOD) (tons)	'Ricoh target substances for reduction' used[3] (tons)	'Ricoh target substances for reduction' discharged[3] (tons)
(tons of CO_2)	(TJ)					
12,473	140.0	1.372	0.008	—	138.2	0.1
1,195	11.9	0.029	0.000	—	92.7	0.0
36,194	571.4	18.883	—	4.113	9,180.0	1,073.7
3,066	34.6	0.605	0.004	0.063	—	—
23,840	467.1	13.536	0.001	0.542	7,920.9	809.3
7,898	85.4	0.879	—	—	82.0	33.6
30,627	334.2	3.768	—	—	802.3	323.5
23,973	259.0	2.608	0.159	0.002	—	—
139,266	1,903.8	41.680	0.172	4.720	18,216.1	2,240.2
10,276	114.5	2.593	1.853	—	416.9	86.5
1,917	20.9	0.301	0.064	0.026	38.2	32.5
1,316	14.1	0.114	—	0.018	2.8	2.1
9,645	106.6	1.915	1.091	0.086	40.4	31.1
901	8.7	—	—	—	13.2	0.3
3,128	31.6	0.253	1.800	0.145	172.9	0.0
6,976	73.3	0.342	0.066	—	214.8	22.5
6,715	69.6	1.071	0.380	0.054	49.1	49.1
5,721	67.5	1.681	0.580	0.294	7,030.5	5,153.0
46,595	506.9	8.270	5.834	0.623	7,978.8	5,377.1
45,777	421.5	12.271	—	0.925	428.3	8.9
7,532	74.6	1.198	—	—	154.6	0.0
10,973	316.4	7.700	—	—	6.6	0.0
20,333	109.6	0.884	0.827	—	190.6	39.8
2,088	11.8	—	—	—	—	—
3,349	16.9	—	—	—	—	—
90,053	950.8	22.053	0.827	0.925	780.1	48.7

2. **Total amount of waste discharged**: the amount of waste discharged outside business sites.
   This includes residual waste after the intermediate processing of waste at business sites.
3. **Ricoh target substances for reduction**: PRTR substances designated by four Electric & Electronic Industries Associations in Japan between fiscal 1998 and 2000. The figures are indicators multiplied by the environmental impact potential.
4. The data for Ricoh Printing Systems is the aggregate data of Katsuta and Yamagata Plants (Ricoh Printing Technologies).
5. We failed to meet our Zero-Waste-to-Landfill target because its definition was not accurately understood by staff at Okazaki Plant, who therefore commissioned their contract landfill operator to dispose of 40 kg of waste alkali, which ended up being sent to a landfill in August 2007. Waste alkali will be recycled from now on, and the Group will be taking necessary measures to prevent such an incident from happening again.