

Business Site Data

	Site (Resource Conservation and Recycling) (See page 41.)					
	Waste recovery rate (%)	Total waste amount produced (t) ¹	Total waste discharge amount (t) ²	Final waste disposal amount (t)	Water consumption (1,000 tons)	
Ricoh's Business Sites						
Atsugi Plant —Office equipment and other products 1005 Shimo-Ogino, Atsugi, Kanagawa 243-0298, Japan	100	973	973	0.0	133	
Hatano Plant —Printed circuit boards and electronic components 423 Hirasawa, Hadano, Kanagawa 257-8586, Japan	100	154	154	0.0	12	
Numazu Plant —Supplies 16-1 Honta-machi, Numazu, Shizuoka 410-8505, Japan	100	13,727	9,550	0.0	1,834	
Gotemba Plant —Copiers, fax machines, and data processing systems 1-10 Komakado, Gotemba, Shizuoka 412-0038, Japan	100	2,192	2,192	0.0	78	
Fukui Plant —Supplies 64-1 Ohmi, Sakai-cho, Sakai, Fukui 919-0547, Japan	100	2,232	2,232	0.0	187	
Ikedo Plant —Electronic devices and office equipment 13-1 Himemuro-cho, Ikeda, Osaka 563-8501, Japan	100	96	96	0.0	110	
Yashiro Plant —Electronic devices 30-1 Saho, Kato, Hyogo 673-1447, Japan	100	473	473	0.0	155	
Non-production sites	99.1	2,239	2,239	21.2	221	
Total	99.9	22,086	17,909	21.2	2,731	
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	1,491	1,491	0.0	151	
Hasama Ricoh, Inc. —Parts for copiers and data processing equipment 86 Aza-Kitasanden, Sanuma, Hasama-cho, Tome, Miyagi 987-0511, Japan	100	2,322	2,322	0.0	11	
Ricoh Unitechno Co., Ltd. —Fax machines, copiers, and microfilm equipment 713 Tsurugasone, Yashio, Saitama 340-0802, Japan	100	424	424	0.0	16	
Ricoh Optical Industries Co., Ltd. —Photographic equipment 10-109 Ohata, Hanamaki, Iwate 025-0303, Japan	100	853	853	0.0	57	
Ricoh Keiki Co., Ltd. —Parts for copiers and data processing equipment 3144-1 Aza-Ipponguri, Shimoizumi, Kuboizumi-machi, Saga 849-0903, Japan	100	219	219	0.0	3	
Ricoh Microelectronics Co., Ltd. —Printed circuit boards 10-3 Kitamura, Tottori, Tottori 680-0911, Japan	100	569	569	0.0	19	
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	900	900	0.0	96	
Ricoh Printing Systems Ltd. ⁴ —Office equipment 2-15-1 Konan, Minato-ku, Tokyo 108-6021, Japan	99.8	2,289	2,289	4.3	179	
Total	100	9,067	9,067	4.3	531	
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	8,142	8,142	0.4 ⁵	181	
Ricoh UK Products Ltd. (RPL) — Office equipment and supplies Priorslee, Telford, Shropshire TF2 9NS, U.K	100	1,649	1,649	0.0	24	
Ricoh Industrie France S.A.S. (RIF) — Office equipment and supplies 144, Route de Rouffach 68920, Wettolsheim, France	100	8,362	8,362	0.0	66	
Ricoh Asia Industry S.Z. Ltd. (RAI) — Copiers Color TV Industrial Zone, Futian District, Shenzhen, P.R. China	100	1,185	1,185	0.0	177	
Shanghai Ricoh Facsimile Co., Ltd. (SRF) — Office equipment No. 885, Jingang Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai, People's Republic of China	100	490	490	0.0	33	
Shanghai Ricoh Digital Equipment Co., Ltd. (SRD) — Office equipment No.887 Jingang Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai, People's Republic of China	100	556	556	0.0	7	
Total	100	20,385	20,385	0.4	487	

1. **Total waste generation:** the amount of waste generated.
When waste is generated after waste reduction processing during manufacturing, the total waste generation amount 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 waste generation amount means the amount of waste prior to waste processing.

2. **Total waste discharge:** the amount of waste discharged outside business sites.
This includes residual waste after the intermediate processing of waste at business sites.

3. **The Ricoh Group's 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.

	Sites (Preventing Global Warming) (See page 35)		Sites (Pollution Prevention) (See page 45)				
	Energy consumption		Emissions into air (NOx) (t)	Emissions into air (SOx) (t)	Water discharge (BOD) (t)	'Ricoh target substances for reduction' used³ (t)	'Ricoh target substances for reduction' discharged³ (t)
	(t-CO₂)	(TJ)					
	13,735	153.9	1.832	0.023	0.000	206.2	3.1
	1,268	12.7	0.037	0.000	0.000	178.6	0.0
	34,799	544.7	17.444	0.000	3.182	11,394.0	1,569.9
	3,542	39.8	0.684	0.008	0.100	0.0	0.0
	21,468	357.6	8.182	0.004	0.710	7,426.9	491.1
	7,456	83.1	1.028	0.000	0.000	51.4	19.4
	30,570	336.5	4.028	0.000	0.000	553.4	292.6
	23,474	226.7	2.644	0.133	0.001	2.7	0.0
	136,312	1,755.0	35.879	0.168	3.993	19,813.2	2,376.1
	10,225	116.0	2.896	2.045	0.000	343.9	48.8
	1,980	21.7	0.318	0.233	0.042	23.9	20.3
	1,295	14.3	0.098	0.000	0.026	13.4	13.4
	9,131	101.6	1.894	1.070	0.249	43.9	3.4
	945	9.1	0.000	0.000	0.000	20.4	0.6
	3,351	34.0	0.293	2.090	0.127	174.1	3.0
	7,329	77.9	0.442	0.084	0.000	299.6	59.9
	8,225	88.4	1.222	2.762	0.071	113.4	113.4
	42,480	462.9	7.163	8.284	0.515	1,032.5	262.9
	48,666	482.7	11.864	0.000	1.833	718.8	14.1
	8,609	99.5	1.547	0.000	0.000	245.6	0.0
	10,833	311.2	8.095	0.000	0.000	3.8	0.4
	16,790	82.5	0.456	0.428	0.000	76.7	0.0
	2,003	10.8	0.000	0.000	0.000	0.0	0.0
	1,977	9.5	0.000	0.000	0.000	0.0	0.0
	88,879	996.1	21.962	0.428	1.833	1,044.9	14.5

4. The data for Ricoh Printing Systems is the aggregate data of Katsuta, Taga, and Yamagata Plants (Ricoh Printing Technologies).

5. REI removed the facility it used to detach selenium alloy from selenium drums. Because REI did not have an infrastructure to recycle selenium sludge in the United States, the company buried the sludge in such a way as to completely prevent leakage.