

## Business Site Data

(Reviewed by BVQI [27])

Production (Zero-Waste-to-Landfill) (See pages 39 and 40.)					
Ricoh Production Sites	Waste recovery rate (%)	Total waste discharge amount (t)	Final waste disposal amount (t)	Water consumption (10,000 tons)	
<b>Atsugi Plant</b> —Office equipment and other products 1005 Shimo-Ogino, Atsugi, Kanagawa 243-0298, Japan	100	845	0	12.1	
<b>Hatano Plant</b> —Printed circuit boards and electronic components 423 Hirasawa, Hadano, Kanagawa 257-8586, Japan	100	220	0	1.9	
<b>Numazu Plant</b> —Supplies 16-1 Honda-machi, Numazu, Shizuoka 410-8505, Japan	100	3,103	0	185.4	
<b>Gotemba Plant</b> —Copiers, fax machines, and data processing systems 1-10 Komakado, Gotemba, Shizuoka 412-0038, Japan	100	1,125	0	8.5	
<b>Fukui Plant</b> —Supplies 64-1 Ohmi, Sakai-cho, Sakai-gun, Fukui 919-0547, Japan	100	1,596	0	20.2	
<b>Ikedo Plant</b> —Electronic devices 13-1 Himemuro-cho, Ikeda, Osaka 563-8501, Japan	100	170	0	25.5	
<b>Yashiro Plant</b> —Electronic devices 30-1 Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447, Japan	100	570	0	12.3	

### The Ricoh Group's Manufacturing Subsidiaries in Japan

<b>Tohoku Ricoh Co., Ltd.</b> —Office equipment and parts for copiers 3-1 Shirmeido, Nakanomiy, Shibata-machi, Shibata-gun, Miyagi 989-1695, Japan	100	2,124	0	22.5	
<b>Hasama Ricoh, Inc.</b> —Parts for copiers, and data processing equipment 86 Aza-Kitasanden, Sanuma, Hasama-cho, Tome-gun, Miyagi 987-0511, Japan	100	1,706	0	1.6	
<b>Ricoh Unitech Co., Ltd.</b> —Fax machines, copiers, and microfilm equipment 713 Tsurugasone, Yashio, Saitama 340-0802, Japan	100	661	0	1.3	
<b>Ricoh Optical Industries Co., Ltd.</b> —Photographic equipment 10-109 Ohata, Hanamaki, Iwate 025-0303, Japan	100	650	0	4.4	
<b>Ricoh Keiki Co., Ltd.</b> —Parts for copiers and data processing equipment 3144-1 Aza-Ipponguri, Shimoizumi, Kubozumi-machi, Saga, 849-0903, Japan	100	161	0	0.4	
<b>Ricoh Microelectronics Co., Ltd.</b> —Printed circuit boards 10-3 Kitamura, Tottori, 680-0911, Japan	100	566	0	2.5	
<b>Ricoh Elemex Corporation</b> —Office equipment, clocks, watches, and educational equipment 2-2-13, Nishiki, Naka-ku, Nagoya, Aichi 460-0003, Japan <b>Ena Plant</b> 1218-2 Nakano, Nagashima-cho, Ena, Gifu 509-7205, Japan <b>Okazaki Plant</b> 3-69 Ida-cho, Okazaki, Aichi 444-8586, Japan	100	891	0	11.2	

### The Ricoh Group's Manufacturing Subsidiaries outside Japan

<b>Ricoh Electronics, Inc. (REI)</b> —Office equipment and supplies One Ricoh Square, 1100 Valencia Avenue, Tustin, CA 92680, U.S.A.	100	6,419	0	19.5	
<b>Ricoh UK Products Ltd. (RPL)</b> —Copiers and supplies Priorslee, Telford, Shropshire TF2 9NS, U.K.	100	1,044	0	3.1	
<b>Ricoh Industrie France S.A. (RIF)</b> —Copiers, fax machines, and supplies 144, Route de Rouffach 68920, Wettolsheim, France	100	8,603	0	5.1	
<b>Ricoh Asia Industry S.Z. Ltd. (RAI)</b> —Copiers Color TV Industrial Zone, Futian District, Shenzhen, P.R. China	95	1,641	82	14.4	
<b>Taiwan Ricoh Co., Ltd.</b> —Photographic equipment 34 Lane 200, Jwu Her Road, Fuh Shing Li, Chang Hwa, Taiwan	93	227	15	4.9	

1. 'Ricoh Group's target substances for reduction' are PRTR substances designated by four Electric & Electronic Industries Associations in Japan between fiscal 1998 and fiscal 2000. The figures are indicators multiplied by the environmental impact coefficient. (See page 37 for the formula used to calculate the amount used or discharged.)
2. Includes the results of a subcontracted development center as well as a recycling and recovery center

- Notes:
1. It is not possible to simply compare figures to one another because the business sites (including plants and Group companies) above have different operations, production systems, scale, and locations.
  2. This is the first time that business site data has been published in a report. The data shows fiscal 2001 performance and is the accumulated results of the Ricoh Group's environmental conservation activities conducted not just in fiscal 2001.

Production (Preventing Global Warming) (See pages 35 and 36.)		Production (Pollution Prevention) (See pages 37 and 38.)				
Energy consumption		Emissions into air (NOx) (t)	Emissions into air (SOx) (t)	Water discharge (BOD) (t)	'Ricoh Group's target substances for reduction' used¹	'Ricoh Group's target substances for reduction' discharged¹
(t-CO₂)	(TJ)					
13,673	153.7	1.683	0.039	0.513	45.7	4.5
1,597	16.6	0.039	0.001	0.634	732.6	108.3
29,057	513.5	13.985	0.000	5.409	12,512.8	5,692.0
3,142	36.4	0.627	0.011	0.059	0.0	0.0
18,428	224.8	5.306	0.122	0.929	6,905.5	839.2
9,963	115.8	1.404	0.000	0.185	161.3	56.0
25,732	282.5	3.262	0.053	0.331	335.9	201.3

10,764	126.8	3.439	2.144	5.527	3,039.0	2,029.2
2,117	24.2	0.459	0.300	0.078	84.2	71.5
1,161 <sup>2</sup>	13.6 <sup>2</sup>	0.111	0.000	0.008	42.7	42.7
6,720	76.6	1.498	7.028	0.312	114.6	35.9
719	7.5	0.000	0.000	0.000	146.8	0.8
3,895	46.0	1.211	8.080	0.156	186.5	0.1
6,131	67.5	0.529	0.131	0.089	297.2	136.3

37,413	308.8	5.526	0.000	2.042	425.7	3.6
17,135	105.1	1.843	0.000	0.000	3,164.2	2,542.9
7,000	256.2	6.175	0.028	2.440	1,261.3	749.1
5,475	58.9	0.405	0.447	36.426	10.2	10.2
3,239	19.0	0.042	0.000	0.104	15.5	0.0

Example: Numazu Plant

Ricoh Group-regulated substances discharged: 5,692.0

Compared with fiscal 2000 (8,697.1): Reduced 34.6%

Compared with fiscal 1997 (14,056.6): Reduced 59.5%

The Ricoh Group will continue to disclose business site data for year-to-year comparisons.