

Environmental Data for Principal Companies in 2019*1

Company/Location	Business	Input		Outputs			
		Use of Water Resources	Volume of Waste Generated	Recycling Rate	Emissions of PRTR Substances*2	Greenhouse Gas Emissions*3	
		Thousand m ³	Thousand t	%	t	Scope 1&2 Thousand t-CO ₂	Scope 3*4 Thousand t-CO ₂
Nisshinbo Holdings Inc./Tokyo, other	Holding company	23	0.2	97	0.0	5.2	58.1
Japan Radio Co., Ltd./Tokyo, other	Wireless and communications	29	1.2	97	0.0	7.1	113.0
Japan Radio Glass Co., Ltd./Saitama	Glass products	16	0.4	97	0.0	5.3	2.1
New Japan Radio Co., Ltd./Tokyo, other	Microdevices	644	0.2	100	0.0	38.9	21.0
Ricoh Electronic Devices Co., Ltd./Osaka, other	Microdevices	190	0.7	100	0.0	69.9	17.6
SAGA ELECTRONICS Co., LTD./Tokyo, other	Microdevices	124	0.2	99	0.0	9.8	1.6
THAI NJR CO., LTD./Thailand	Microdevices	146	0.3	67	0.0	13.1	2.8
NJR FUKUOKA CO., LTD./Fukuoka	Microdevices	184	0.3	100	0.0	27.9	3.1
Nisshinbo Brake Inc./Tokyo, other	Automobile brakes	92	2.2	100	0.1	21.2	31.3
TMD Friction Group S.A./Luxembourg, other	Automobile brakes	116	19.0	72	1.7	92.8	400.9
Nisshinbo Automotive Manufacturing Inc. /United States	Automobile brakes	25	1.7	38	0.3	14.9	39.4
Nisshinbo Somboon Automotive Co., Ltd./Thailand	Automobile brakes	33	1.1	91	0.1	5.3	14.5
Saeron Automotive Corporation/South Korea	Automobile brakes	66	1.4	78	3.5	13.2	26.2
Saeron Automotive (Beijing) Co., Ltd./China	Automobile brakes	29	1.0	96	0.0	9.0	11.7
Nisshinbo Saeron (Changshu) Automotive Co., Ltd. /China	Automobile brakes	16	0.2	79	0.0	5.0	11.7
Nisshinbo Mechatronics Inc./Tokyo, other	Precision instruments	256	1.5	79	6.9	10.9	276.4
Nanbu Plastics Co., Ltd./Shizuoka, other	Precision instruments	447	1.4	99	7.0	14.7	28.7
Nisshinbo Mechatronics (Thailand) Ltd./Thailand	Precision instruments	74	1.2	99	0.0	10.3	10.4
Nisshinbo-Continental Precision Machining (Yangzhou) Co., Ltd./China	Precision instruments	57	3.1	85	0.0	11.4	38.4
Nisshinbo Chemical Inc./Tokyo, other	Chemicals	125	0.3	100	0.2	10.7	26.6
Nisshinbo Textile Inc./Tokyo, other	Textiles	4,767	0.5	64	0.0	13.1	72.2
Nisshinbo Do Brasil Industria Textil LTDA./Brazil	Textiles	76	3.2	99	0.0	25.2	18.2
PT. Nikawa Textile Industry/Indonesia	Textiles	497	7.4	98	0.0	146.3	92.6
PT. Nisshinbo Indonesia/Indonesia	Textiles	705	4.7	53	0.8	23.0	39.3
Totals for 24 principal companies		8,738	53.3	80	20.7	604.5	1,357.7
Totals for others		647	6.1	95	11.9	37.2	512.7
Nisshinbo Group Grand Total		9,384	59.4	82	32.7	641.7	1,870.5

*1 The 24 target companies were identified as those that emitted 5 thousand t-CO₂ or more greenhouse gases (Scope 1&2).

*2 PRTR Substances: Substances subject to the Pollutant Release and Transfer Register (PRTR) system pursuant to the "Act on the Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof" and reports of their amounts of release and transfer must be filed.

*3 The CO₂ emission conversion factor used for electric power is 0.488 t-CO₂/MWh.

*4 Scope 3 figures are from calculation of all of the categories summarized below. Calculations are based on the Basic Guidelines Related to Calculating Greenhouse Gas Emissions throughout the Supply Chain (Ver. 3.0), Ministry of the Environment. Some information is taken from LCA results.

Scope 3 Detailed emission data by category

Category	Category Name	Amount Released (Thousand t-CO ₂)	Ratio (%)
1	Purchased goods and services	930.9	49.8
2	Capital goods	102.8	5.5
3	Fuel- and energy-related activities not included in Scope 1 or Scope 2	72.2	3.9
4	Upstream transport and delivery	65.7	3.5
5	Waste generated in operations	9.1	0.5
6	Business travel	3.6	0.2
7	Employee commuting	11.3	0.6
8	Leased assets (upstream)	0.1	0.0
9	Downstream transportation and delivery	85.3	4.6
10	Processing of sold products	92.3	4.9
11	Use of sold products	298.5	16.0
12	End-of-life treatment of sold products	16.6	0.9
13	Downstream Leased Assets	147.4	7.9
14	Franchises	0.0	0.0
15	Investments	34.6	1.8
Total		1870.5	100.0