

Zeon Corporation		FY2009	FY2010	FY2011	FY2012	FY2013
Toxic substances	Butadiene consumption (tons)	349,841	388,507	346,224	334,270	337,787
	Butadiene emissions (tons)	5.2	5.5	4.0	3.9	3.3
	Acrylonitrile consumption (tons)	23,922	28,950	24,367	24,472	27,118
	Acrylonitrile emissions (tons)	12.8	15.2	13.0	13.6	11.7
Substances subject to PRTR law	Consumption (tons)	724,284	922,429	877,919	868,407	887,078
	Amount emitted (tons)	30.0	36.7	37.0	37.8	33.5
Industrial waste	Amount generated (before volume reduction) (tons)	97,231	129,151	131,566	129,156	139,141
	Amount generated (after volume reduction) (tons)	12,387	15,116	15,608	14,001	14,535
	Amount sent to landfill (tons)	159	183	4.1	10.9	1.3
Atmospheric emissions	CO ₂ emissions (tons)	532,122	581,038	564,545	498,451	517,803
	SO _x emissions (tons)	460	495	513	334	476
	NO _x emissions (tons)	421	459	375	336	272
	Soot and dust emissions (tons)	—	13.3	9.0	6.5	4.3
Water resources	Water resources consumption (1,000 m ³)	16,011	16,595	18,819	18,591	18,508
	Waterworks (1,000 m ³)	177	235	253	265	245
	Ground water (1,000 m ³)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	16,544	16,360	18,597	18,326	18,264
Waste water	Total waste water discharge (1,000 m ³)	14,981	14,210	15,715	17,029	17,761
	COD emissions (tons)	126	140	136	127	129
	Total phosphorus discharge (tons)	1.5	1.6	2.1	2.1	2.4
	Total nitrogen discharge (tons)	135	153	149	176	158
Energy	Total consumption (crude oil equivalent, kL)	194,694	211,338	207,735	189,216	193,417
	Unit consumption (kL/t-PDR)	0.1511	0.1383	0.1510	0.1418	0.1357
	Unit consumption index (1990 = 100)	72%	66%	72%	68%	65%
Production of PDR equivalent (tons)		1,288,325	1,527,934	1,375,870	1,334,471	1,425,480
CO ₂ emissions Unit consumption index (1990 = 100)		77%	71%	77%	70%	68%

Zeon Corporation each worksites (0.0 = less than 0.05)

Takaoka Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Substances subject to PRTR law	Consumption (tons)	114	210	223	125	16
	Amount emitted (tons)	0.1	0.2	0.2	0.1	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	2,130	3,458	4,730	4,882	12,494
	Amount generated (after volume reduction) (tons)	388	671	529	535	1,056
	Amount sent to landfill (tons)	129	174	0.0	3.4	0.0
Atmospheric emissions	CO ₂ emissions (tons)	17,817	24,208	20,132	23,329	22,546
	SO _x emissions (tons)	8.7	7.0	6.8	9.5	3.2
	NO _x emissions (tons)	19	14	15	19	13
	Soot and dust emissions (tons)	—	0.4	0.7	0.0	0.0
Water resources	Water resources consumption (1,000 m ³)	3,183	3,732	3,808	4,052	3,732
	Waterworks (1,000 m ³)	46	52	57	58	56
	Ground water (1,000 m ³)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	3,137	3,680	3,750	3,993	3,676
Waste water	Total waste water discharge (1,000 m ³)	3,516	3,050	3,398	4,408	4,890
	COD emissions (tons)	12	9.2	13.0	14.3	18.9
	Total phosphorus discharge (tons)	0.4	0.2	0.7	0.5	0.8
	Total nitrogen discharge (tons)	19	10	16	19	20
Energy	Total consumption (crude oil equivalent, kL)	8,112	9,750	8,994	8,868	8,986
	Unit consumption index (1990 = 100)	93%	94%	96%	103%	104%
Production of PDR equivalent (tons)		4,523	5,419	4,866	4,295	4,433

Kawasaki Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Toxic substances	Butadiene consumption (tons)	21,758	26,613	23,054	22,841	20,372
	Butadiene emissions (tons)	2.3	4.8	2.6	2.7	2.4
	Acrylonitrile consumption (tons)	9,556	12,034	10,670	10,872	9,653
	Acrylonitrile emissions (tons)	12	15	12	13	11
Substances subject to PRTR law	Consumption (tons)	44,101	51,781	46,186	44,709	40,203
	Amount emitted (tons)	21	30	26	25.6	26.1
Industrial waste	Amount generated (before volume reduction) (tons)	30,163	44,132	47,718	50,878	48,039
	Amount generated (after volume reduction) (tons)	3,136	5,315	5,383	5,037	4,024
	Amount sent to landfill (tons)	13	0.4	0.4	0.9	0.0
Atmospheric emissions	CO ₂ emissions (tons)	33,900	36,478	27,609	27,968	20,917
	SO _x emissions (tons)	0.6	0.7	0.1	0.1	0.2
	NO _x emissions (tons)	18	10	7.6	8.0	7.4
	Soot and dust emissions (tons)	—	0.8	0.6	0.8	0.8
Water resources	Water resources consumption (1,000 m ³)	2,719	2,575	2,963	3,313	3,092
	Waterworks (1,000 m ³)	30	31	32	35	39
	Ground water (1,000 m ³)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	2,689	2,544	2,963	3,278	3,053
Waste water	Total waste water discharge (1,000 m ³)	1,602	1,836	1,793	1,904	2,031
	COD emissions (tons)	35	41	40	42	45
	Total phosphorus discharge (tons)	0.2	0.1	0.2	0.2	0.3
	Total nitrogen discharge (tons)	74	93	89	115	93
Energy	Total consumption (crude oil equivalent, kL)	15,167	16,239	16,220	16,552	13,581
	Unit consumption index (1990 = 100)	92%	78%	90%	91%	75%
Production of PDR equivalent (tons)		74,803	94,340	81,790	82,757	73,834

Tokuyama Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Toxic substances	Butadiene consumption (tons)	188,743	217,074	186,784	181,275	206,710
	Butadiene emissions (tons)	2.8	0.7	1.4	1.2	0.8
	Acrylonitrile consumption (tons)	14,366	16,916	13,697	13,600	17,464
	Acrylonitrile emissions (tons)	0.7	0.6	0.6	0.6	0.6
Substances subject to PRTR law	Consumption (tons)	386,572	464,767	388,603	391,766	453,075
	Amount emitted (tons)	7.6	2.2	3.1	2.7	2.0
Industrial waste	Amount generated (before volume reduction) (tons)	19,845	21,516	18,718	16,939	19,201
	Amount generated (after volume reduction) (tons)	3,857	3,756	3,762	3,505	3,377
	Amount sent to landfill (tons)	10	0.0	0.0	0.0	0.0
Atmospheric emissions	CO ₂ emissions (tons)	252,091	294,112	248,294	239,609	279,750
	SO _x emissions (tons)	447	483	502	322	471
	NO _x emissions (tons)	308	358	272	243	205
	Soot and dust emissions (tons)	7.5	12.1	7.7	5.7	3.5
Water resources	Water resources consumption (1,000 m ³)	8,630	7,824	9,482	8,788	8,927
	Waterworks (1,000 m ³)	60	58	63	63	45
	Ground water (1,000 m ³)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	8,570	7,766	9,419	8,725	8,882
Waste water	Total waste water discharge (1,000 m ³)	7,713	6,942	7,884	8,288	8,165
	COD emissions (tons)	68	77	69	58	49
	Total phosphorus discharge (tons)	0.5	0.7	0.6	0.6	0.7
	Total nitrogen discharge (tons)	31	33	27	27	28
Energy	Total consumption (crude oil equivalent, kL)	93,485	107,497	90,955	90,648	103,000
	Unit consumption index (1990 = 100)	102%	98%	99%	102%	99%
Production of PDR equivalent (tons)		503,567	599,400	498,167	487,782	573,961

Mizushima Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Toxic substances	Butadiene consumption (tons)	139,340	144,820	136,385	130,154	110,704
	Butadiene emissions (tons)	0.0	0.0	0.0	0.0	0.0
Substances subject to PRTR law	Consumption (tons)	293,497	405,671	442,900	431,800	393,777
	Amount emitted (tons)	1.0	4.4	4.4	4.6	5.3
Industrial waste	Amount generated (before volume reduction) (tons)	45,093	60,045	60,400	56,270	59,253
	Amount generated (after volume reduction) (tons)	5,006	5,374	5,935	4,830	5,999
	Amount sent to landfill (tons)	6.6	6.8	3.7	5.4	1.3
Atmospheric emissions	CO ₂ emissions (tons)	219,343	217,000	259,651	197,855	182,800
	SO _x emissions (tons)	4.3	4.6	3.8	2.7	1.2
	NO _x emissions (tons)	75	77	80	66	47
	Soot and dust emissions (tons)	0.0	0.0	0.0	0.0	0.0
Water resources	Water resources consumption (1,000 m ³)	2,189	2,378	2,481	2,351	2,665
	Waterworks (1,000 m ³)	41	51	57	64	66
	Ground water (1,000 m ³)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	2,148	2,327	2,424	2,287	2,599
Waste water	Total waste water discharge (1,000 m ³)	2,150	2,382	2,640	2,429	2,674
	COD emissions (tons)	11	13	15	13	17
	Total phosphorus discharge (tons)	0.4	0.6	0.6	0.7	0.6
	Total nitrogen discharge (tons)	12	17	16	15	17
Energy	Total consumption (crude oil equivalent, kL)	77,930	77,852	91,566	73,148	67,850
	Unit consumption index (1990 = 100)	51%	44%	56%	46%	41%
Production of PDR equivalent (tons)		648,665	760,900	731,500	705,400	714,800

R&D Center		FY2009	FY2010	FY2011	FY2012	FY2013
Toxic substances	Butadiene consumption (tons)	—	—	0.71	0.44	1.09
	Butadiene emissions (tons)	0.00	0.06	0.03	0.01	0.05
	Acrylonitrile consumption (tons)	—	—	0.29	0.14	0.39
	Acrylonitrile emissions (tons)	0.0	0.0	0.0	0.0	0.0
Substances subject to PRTR law	Consumption (tons)	—	—	7.7	7.0	7.3
	Amount emitted (tons)	—	—	3.4	4.8	0.1
Industrial waste	Amount generated (before volume reduction) (tons)	—	—	—	187	154
	Amount generated (after volume reduction) (tons)	—	—	—	94	79
	Amount sent to landfill (tons)	—	1.5	0.0	1.3	0.0
Atmospheric emissions	CO ₂ emissions (tons)	8,971	9,240	8,859	9,690	11,790
	Soot and dust emissions (tons)	—	—	0.06	—	—
Water resources	Water resources consumption (1,000 m ³)	—	86	85	88	93
	Waterworks (1,000 m ³)	—	43	44	45	38
	Ground water (1,000 m ³)	—	0.0	0.0	0.0	0.0
	Industrial water (1,000 m ³)	—	43	41	43	54
Energy	Total consumption (crude oil equivalent, kL)	4,683	4,878	4,806	5,255	6,091

Head Office		FY2009	FY2010	FY2011	FY2012	FY2013
Atmospheric emissions	CO ₂ emissions (tons)	—	423	333	336	338
Water resources (Waterworks) consumption (1,000 m ³)		—	1.37	1.40	1.56	1.44
Energy	Total consumption (crude oil equivalent, kL)	—	260	215	222	205

Zeon Group (Japan) (0 = less than 0.5, 0.0 = less than 0.05)

Zeon Group (Japan)		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	62	62	62	62	65
	Consumption (tons)	335	1,486	2,125	1,961	1,801
	Amount emitted (tons)	1.6	2.6	2.7	2.1	2.1
Industrial waste	Amount generated (before volume reduction) (tons)	1,695	1,783	1,914	1,996	2,608
	Amount sent to landfill (tons)	268	130	42.1	26.7	11.2
CO ₂ emissions (tons)		29,072	23,134	18,046	19,382	37,937
Energy consumption (crude oil equivalent, kL)		15,933	16,454	15,132	15,630	17,926

Zeon Kasei Co., Ltd. Ibaraki Factory		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	5	7	7	8	7
	Consumption (tons)	70	95	61	40	35
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	530	648	529	446	478
	Amount sent to landfill (tons)	95	69	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		22	34	41	30	29
CO ₂ emissions (tons)		3,309	4,257	3,845	3,283	3,723
Energy consumption (crude oil equivalent, kL)		1,992	2,328	2,191	1,807	1,875

Zeon Kasei Co., Ltd. Yamaguchi Factory		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	3	3	3	3	3
	Consumption (tons)	0.0	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	187	99	91	57	91
	Amount sent to landfill (tons)	0.0	0.0	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		0.2	0.2	0.2	0.2	0.3
CO ₂ emissions (tons)		213	231	412	416	410
Energy consumption (crude oil equivalent, kL)		105	94	147	151	155

Zeon Polymix Inc. Otsu Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	5	5	5	5	5
	Consumption (tons)	194	148	165	146	122.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	201	195	171	155	148
	Amount sent to landfill (tons)	95	25	4.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		—	—	45	50	49
CO ₂ emissions (tons)		1,987	2,230	1,938	2,631	2,740
Energy consumption (crude oil equivalent, kL)		1,507	1,697	1,573	1,534	1,416

Zeon Polymix Inc. Kawagoe Plant *Kawagoe Plant closed in FY2010		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	3	3	—	—	—
	Consumption (tons)	56	9.8	—	—	—
	Amount emitted (tons)	0.0	0.0	—	—	—
Industrial waste	Amount generated (before volume reduction) (tons)	48	46	—	—	—
	Amount sent to landfill (tons)	8.9	12	—	—	—
CO ₂ emissions (tons)		414	103	—	—	—
Energy consumption (crude oil equivalent, kL)		266	56	—	—	—

Zeon Medical Inc.		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	1	1	1	1	1
	Consumption (tons)	1.5	2.3	2.2	1.6	1.6
	Amount emitted (tons)	1.5	2.3	2.2	1.6	1.6
Industrial waste	Amount generated (before volume reduction) (tons)	5.4	7.6	21.9	10.4	9.2
	Amount sent to landfill (tons)	5.3	7.6	11.2	5.0	4.3
Water resources (Industrial water + Ground water + Waterworks)		—	—	11.7	14.3	17.8
CO ₂ emissions (tons)		969	970	969	1,143	1,123
Energy consumption (crude oil equivalent, kL)		472	462	431	511	539

Zeon North Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	0	0	0	0	0
	Consumption (tons)	0.0	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	38	36	38	25	20
	Amount sent to landfill (tons)	14	8.0	5.0	5.2	3.1
CO ₂ emissions (tons)		152	155	160	152	146
Energy consumption (crude oil equivalent, kL)		76	84	80	85	85

RIMTEC Corporation		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	0	0	0	0	0
	Consumption (tons)	0.0	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	48	52	29	52	49
	Amount sent to landfill (tons)	1.9	3.6	3.4	15.2	2.4
Water resources (Industrial water + Ground water + Waterworks)		—	—	4.4	3.6	2.2
CO ₂ emissions (tons)		213	187	167	188	160
Energy consumption (crude oil equivalent, kL)		180	160	145	160	138

Zeon Yamaguchi Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	40	40	40	40	40
	Consumption (tons)	0.0	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	105	187	135	207	225
	Amount sent to landfill (tons)	32	2.0	18.2	1.4	0.8
Water resources (Industrial water + Ground water + Waterworks)		0.2	0.2	0.2	0.3	0.2
CO ₂ emissions (tons)		11	12	11	11	12
Energy consumption (crude oil equivalent, kL)		5.7	6.0	6.0	4.7	4.7

Zeon Chemicals Yonezawa Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	4	2	5	4	7
	Consumption (tons)	13	1,231	1,897	1,773	1,642
	Amount emitted (tons)	0.0	0.4	0.5	0.5	0.5
Industrial waste	Amount generated (before volume reduction) (tons)	59	87	186	187	202
	Amount sent to landfill (tons)	4.2	0.4	0.4	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		—	—	14	10	9
CO ₂ emissions (tons)		489	815	940	1,017	1,151
Energy consumption (crude oil equivalent, kL)		290	455	505	439	490

Optes Inc. Sano Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	1	1	1	1	1
	Consumption (tons)	0.1	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.1	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	11	7.2	5.9	7.0	9.6
	Amount sent to landfill (tons)	11	0.7	0.0	0.0	0.6
Water resources (Industrial water + Ground water + Waterworks)		4	4	4	5	6
CO ₂ emissions (tons)		1,711	1,015	1,105	919	989
Energy consumption (crude oil equivalent, kL)		981	611	664	625	674

Optes Inc. Hokuriku Plant		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	0	0	0	0	1
	Consumption (tons)	0	0	0	0	1.225
	Amount emitted (tons)	0	0	0	0	0.006
Industrial waste	Amount generated (before volume reduction) (tons)	462	419	707	849	1,377
	Amount sent to landfill (tons)	0.8	1.5	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		40	50	31	29	29
CO ₂ emissions (tons)		19,604	13,159	8,499	9,622	27,483
Energy consumption (crude oil equivalent, kL)		10,058	10,501	9,390	10,313	12,549

Zeon Group (Overseas)

Zeon Group (Overseas)		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	12	12	13	13	13
	Consumption (tons)	18,689	33,557	34,201	30,380	29,080
	Amount emitted (tons)	78	121	119	79	74
Industrial waste	Amount generated (before volume reduction) (tons)	3,474	3,988	4,132	3,363	3,769
	Amount sent to landfill (tons)	2,421	2,929	2,666	2,580	2,807
CO ₂ emissions (tons)		62,461	91,218	87,763	83,884	84,538
Energy consumption (crude oil equivalent, kL)		23,798	35,221	33,530	32,215	32,072

Zeon Chemicals L.P. (USA): Kentucky		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	7	7	8	8	8
	Consumption (tons)	6,459	17,691	18,189	16,260	14,927
	Amount emitted (tons)	33	39	43	28	20
Industrial waste	Amount generated (before volume reduction) (tons)	671	770	720	572	505
	Amount sent to landfill (tons)	645	736	689	552	478
Water resources (Industrial water + Ground water + Waterworks)		—	—	1,080	965	957
CO ₂ emissions (tons)		22,799	34,648	34,755	32,217	31,741
Energy consumption (crude oil equivalent, kL)		6,909	11,170	11,048	10,136	9,820

Zeon Chemicals L.P. (USA): Texas		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	0	0	0	0	0
	Consumption (tons)	0.0	0.0	0.0	0.0	0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0
Industrial waste	Amount generated (before volume reduction) (tons)	24	42	39	32	47
	Amount sent to landfill (tons)	3.9	1.4	1.0	1.2	2
Water resources (Industrial water + Ground water + Waterworks)		—	—	198	234	226
CO ₂ emissions (tons)		5,419	10,426	10,325	9,965	10,059
Energy consumption (crude oil equivalent, kL)		1,509	3,093	3,065	2,945	2,940

Zeon Chemicals L.P. (USA): Mississippi		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	3	3	3	3	3
	Consumption (tons)	2,633	5,466	5,160	4,444	4,933
	Amount emitted (tons)	39	76	70	47	48
Industrial waste	Amount generated (before volume reduction) (tons)	57	53	41	22	44
	Amount sent to landfill (tons)	57	53	41	22	44
Water resources (Industrial water + Ground water + Waterworks)		—	—	152	134	142
CO ₂ emissions (tons)		13,097	22,375	19,256	17,925	17,133
Energy consumption (crude oil equivalent, kL)		5,350	9,652	8,157	7,514	7,122

Zeon Chemicals Europe Ltd. (UK)		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	2	2	2	2	2
	Consumption (tons)	9,596	10,400	10,852	9,676	9,220
	Amount emitted (tons)	5.0	6.0	6.0	4.4	5.6
Industrial waste	Amount generated (before volume reduction) (tons)	818	930	680	1,116	1,028
	Amount sent to landfill (tons)	808	908	644	1,069	1,020
Water resources (Industrial water + Ground water + Waterworks)		—	—	303	245	268
CO ₂ emissions (tons)		10,369	11,583	12,597	11,379	11,412
Energy consumption (crude oil equivalent, kL)		5,480	6,111	6,619	6,302	6,018

Zeon Advanced Polymix Co., Ltd		FY2009	FY2010	FY2011	FY2012	FY2013
Industrial waste	Amount generated (before volume reduction) (tons)	741	1,007	1,216	427	235
	Amount sent to landfill (tons)	61	65	241	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		18	29	30	32	32
CO ₂ emissions (tons)		4,898	6,500	6,220	7,270	6,090
Energy consumption (crude oil equivalent, kL)		2,210	2,933	2,807	3,277	2,948

Zeon Chemicals Thailand Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Industrial waste	Amount generated (before volume reduction) (tons)	1,163	1,186	1,436	1,194	1,910
	Amount sent to landfill (tons)	846	1,166	1,050	936	1,263
Water resources (Industrial water + Ground water + Waterworks)		—	206	213	182	252
CO ₂ emissions (tons)		5,878	5,686	4,610	5,128	8,103
Energy consumption (crude oil equivalent, kL)		2,340	2,262	1,834	2,041	3,224