Zeon Corporation		FY2010	FY2011	FY2012	FY2013	FY2014
Toxic substances	Butadiene consumption (tons)	388,507	346,224	334,270	337,787	334,962
	Butadiene emissions (tons)	5.5	4.0	3.9	3.3	3.7
	Acrylonitrile consumption (tons)	28,950	24,367	24,472	27,118	25,784
	Acrylonitrile emissions (tons)	15.2	13.0	13.6	11.7	11.9
Substances subject to PRTR law	Consumption (tons)	922,429	877,919	868,407	887,078	921,688
	Amount emitted (tons)	36.7	37.0	37.8	33.5	35.6
Industrial waste	Amount generated (before volume reduction) (tons)	129,151	131,566	129,156	139,141	156,502
	Amount generated (after volume reduction) (tons)	15,116	15,608	14,001	14,535	16,530
	Amount sent to landfill (tons)	183	4.1	10.9	1.3	6.5
Atmospheric emissions	CO_2 emissions (tons)	581,038	564,545	498,451	517,803	506,348
	SO_X emissions (tons)	495	513	334	476	509
	NO_X emissions (tons)	459	375	336	272	239
	Soot and dust emissions (tons)	13.3	9.0	6.5	4.3	2.8
Water resources	Water resources consumption (1,000 m^3)	16,595	18,819	18,591	18,508	18,703
	Waterworks (1,000 m^3)	235	253	265	245	273
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	16,360	18,597	18,326	18,264	18,431
Waste water	Total waste water discharge (1,000 m^3)	14,210	15,715	17,029	17,761	15,894
	COD emissions (tons)	140	136	127	129	119
	Total phosphorus discharge (tons)	1.6	2.1	2.1	2.4	1.6
	Total nitrogen discharge (tons)	153	149	176	158	167
Energy	Total consumption (crude oil equivalent, kL)	211,338	207,735	189,216	193,417	191,315
	Unit consumption (kL/t-PDR)	0.1383	0.1510	0.1418	0.1357	0.1314
	Unit consumption index (1990 = 100)	66%	72%	68%	65%	63%
Production of PDR equivalent (tons)		1,527,934	1,375,870	1,334,471	1,425,480	1,455,512
CO_2 emissions Unit consumption index (1990 = 100)		71%	77%	70%	68%	65%

Zeon Corporation each worksites (0.0 = less than 0.05)

Takaoka Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Substances subject to PRTR law	Consumption (tons)	210	223	125	16	21
	Amount emitted (tons)	0.2	0.2	0.1	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	3,458	4,730	4,882	12,494	8,794
	Amount generated (after volume reduction) (tons)	671	529	535	1,056	437
	Amount sent to landfill (tons)	174	0.0	3.4	0.0	0.0
Atmospheric emissions	CO_2 emissions (tons)	24,208	20,132	23,329	22,546	20,825
	SO_X emissions (tons)	7.0	6.8	9.5	3.2	0.0
	NO_X emissions (tons)	14	15	19	13	0.2
	Soot and dust emissions (tons)	0.4	0.7	0.0	0.0	0.0
Water resources	Water resources consumption (1,000 m^3)	3,732	3,808	4,052	3,732	3,848
	Waterworks (1,000 m^3)	52	57	58	56	57
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	3,680	3,750	3,993	3,676	3,791
Waste water	Total waste water discharge (1,000 m^3)	3,050	3,398	4,408	4,890	3,322
	COD emissions (tons)	9.2	13.0	14.3	18.9	12.7
	Total phosphorus discharge (tons)	0.2	0.7	0.5	0.8	0.3
	Total nitrogen discharge (tons)	10	16	19	20	14
Energy	Total consumption (crude oil equivalent, kL)	9,750	8,994	8,868	8,986	8,290
	Unit consumption index (1990 = 100)	94%	96%	103%	104%	92%
Production of PDR equivalent (tons)		5,419	4,866	4,295	4,433	4,617

Kawasaki Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Toxic substances	Butadiene consumption (tons)	26,613	23,054	22,841	20,372	23,534
	Butadiene emissions (tons)	4.8	2.6	2.7	2.4	2.6
	Acrylonitrile consumption (tons)	12,034	10,670	10,872	9,653	11,405
	Acrylonitrile emissions (tons)	15	12	13	11	11
Substances subject to PRTR law	Consumption (tons)	51,781	46,186	44,709	40,203	45,847
	Amount emitted (tons)	30	26	25.6	26.1	26.8
Industrial waste	Amount generated (before volume reduction) (tons)	44,132	47,718	50,878	48,039	52,900
	Amount generated (after volume reduction) (tons)	5,315	5,383	5,037	4,024	4,401
	Amount sent to landfill (tons)	0.4	0.4	0.9	0.0	0.0
Atmospheric emissions	CO_2 emissions (tons)	36,478	27,609	27,968	20,917	25,778
	SO_X emissions (tons)	0.7	0.1	0.1	0.2	0.1
	NO_X emissions (tons)	10	7.6	8.0	7.4	5.7
	Soot and dust emissions (tons)	0.8	0.6	0.8	0.8	0.6
Water resources	Water resources consumption (1,000 m^3)	2,575	2,963	3,313	3,092	3,657
	Waterworks (1,000 m^3)	31	32	35	39	40
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	2,544	2,963	3,278	3,053	3,617
Waste water	Total waste water discharge (1,000 m^3)	1,836	1,793	1,904	2,031	2,185
	COD emissions (tons)	41	40	42	45	44
	Total phosphorus discharge (tons)	0.1	0.2	0.2	0.3	0.2
	Total nitrogen discharge (tons)	93	89	115	93	115
Energy	Total consumption (crude oil equivalent, kL)	16,239	16,220	16,552	14,406	14,700
	Unit consumption index (1990 = 100)	78%	90%	91%	75%	84%
Production of PDR equivalent (tons)		94,340	81,790	82,757	73,834	85,441

Tokuyama Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Toxic substances	Butadiene consumption (tons)	217,074	186,784	181,275	206,710	170,327
	Butadiene emissions (tons)	0.7	1.4	1.2	0.8	1.1
	Acrylonitrile consumption (tons)	16,916	13,697	13,600	17,464	14,379
	Acrylonitrile emissions (tons)	0.6	0.6	0.6	0.6	0.7
Substances subject to PRTR law	Consumption (tons)	464,767	388,603	391,766	453,075	397,637
	Amount emitted (tons)	2.2	3.1	2.7	2.0	2.7
Industrial waste	Amount generated (before volume reduction) (tons)	21,516	18,718	16,939	19,201	24,063
	Amount generated (after volume reduction) (tons)	3,756	3,762	3,505	3,377	4,674
	Amount sent to landfill (tons)	0.0	0.0	0.0	0.0	0.0
Atmospheric emissions	CO_2 emissions (tons)	294,112	248,294	239,609	279,750	237,362
	SO_X emissions (tons)	483	502	322	471	507
	NO_X emissions (tons)	358	272	243	205	179
	Soot and dust emissions (tons)	12.1	7.7	5.7	3.5	2.2
Water resources	Water resources consumption (1,000 m^3)	7,824	9,482	8,788	8,927	8,393
	Waterworks (1,000 m^3)	58	63	63	45	50
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	7,766	9,419	8,725	8,882	8,344
Waste water	Total waste water discharge (1,000 m^3)	6,942	7,884	8,288	8,165	7,785
	COD emissions (tons)	77	69	58	49	42
	Total phosphorus discharge (tons)	0.7	0.6	0.6	0.7	0.6
	Total nitrogen discharge (tons)	33	27	27	28	27
Energy	Total consumption (crude oil equivalent, kL)	107,497	90,955	90,648	103,000	92,423
	Unit consumption index (1990 = 100)	98%	99%	102%	99%	106%
Production of PDR equivalent (tons)		599,400	498,167	487,782	573,961	477,797

Mizushima Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Toxic substances	Butadiene consumption (tons)	144,820	136,385	130,154	110,704	141,100
	Butadiene emissions (tons)	0.0	0.0	0.0	0.0	0.0
Substances subject to PRTR law	Consumption (tons)	405,671	442,900	431,800	393,777	478,178
	Amount emitted (tons)	4.4	4.4	4.6	5.3	6.0
Industrial waste	Amount generated (before volume reduction) (tons)	60,045	60,400	56,270	59,253	70,584
	Amount generated (after volume reduction) (tons)	5,374	5,935	4,830	5,999	6,956
	Amount sent to landfill (tons)	6.8	3.7	5.4	1.3	6.5
Atmospheric emissions	CO_2 emissions (tons)	217,000	259,651	197,855	182,800	211,420
	SO_X emissions (tons)	4.6	3.8	2.7	1.2	1.4
	NO_X emissions (tons)	77	80	66	47	54
	Soot and dust emissions (tons)	0.0	0.0	0.0	0.0	0.0
Water resources	Water resources consumption (1,000 m^3)	2,378	2,481	2,351	2,665	2,713
	Waterworks (1,000 m^3)	51	57	64	66	88
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	2,327	2,424	2,287	2,599	2,625
Waste water	Total waste water discharge (1,000 m^3)	2,382	2,640	2,429	2,674	2,602
	COD emissions (tons)	13	15	13	17	20
	Total phosphorus discharge (tons)	0.6	0.6	0.7	0.6	0.5
	Total nitrogen discharge (tons)	17	16	15	17	12
Energy	Total consumption (crude oil equivalent, kL)	77,852	91,566	73,148	67,850	77,517
	Unit consumption index (1990 = 100)	44%	56%	46%	41%	40%
Production of PDR equivalent (tons)		760,900	731,500	705,400	714,800	840,400

R&D Center		FY2010	FY2011	FY2012	FY2013	FY2014
Toxic substances	Butadiene consumption (tons)	—	0.71	0.44	1.09	0.80
	Butadiene emissions (tons)	0.06	0.03	0.01	0.05	0.03
	Acrylonitrile consumption (tons)	—	0.29	0.14	0.39	0.24
	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	5.4
	Amount emitted (tons)	—	3.4	4.8	0.1	0.1
Industrial waste	Amount generated (before volume reduction) (tons)	—	—	187	154	160
	Amount generated (after volume reduction) (tons)	—	—	94	79	62
	Amount sent to landfill (tons)	1.5	0.0	1.3	0.0	0.0
Atmospheric emissions	CO_2 emissions (tons)	9,240	8,859	9,690	11,790	10,963
	Soot and dust emissions (tons)	—	0.06	—	—	—
Water resources	Water resources consumption (1,000 m^3)	86	85	88	93	92
	Waterworks (1,000 m^3)	43	44	45	38	37
	Ground water (1,000 m^3)	0.0	0.0	0.0	0.0	0.0
	Industrial water (1,000 m^3)	43	41	43	54	55
Energy	Total consumption (crude oil equivalent, kL)	4,878	4,806	5,255	6,091	5,682

Head Office		FY2010	FY2011	FY2012	FY2013	FY2014
Atmospheric emissions	CO_2 emissions (tons)	423	333	336	338	287
Water resources (Waterworks) consumption (1,000 m^3)		1.37	1.40	1.56	1.44	1.31
Energy	Total consumption (crude oil equivalent, kL)	260	215	222	205	182

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

Zeon Group (Japan)		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	62	62	62	65	85
	Consumption (tons)	1,486	2,125	1,961	1,801	9,944
	Amount emitted (tons)	2.6	2.7	2.1	2.1	62.6
Industrial waste	Amount generated (before volume reduction) (tons)	1,783	1,914	1,996	2,608	8,774
	Amount sent to landfill (tons)	130	42.1	26.7	11.2	124.7
Water resources (Industrial water + Ground water + Waterworks)		—	151	143	143	167
CO_2 emissions (tons)		23,134	18,046	19,382	37,937	59,592
Energy consumption (crude oil equivalent, kL)		16,454	15,132	15,630	17,926	25,410
Electric energy consumption (1000 kWh)		—	—	—	63,773	67,294

Zeon Kasei Co., Ltd. Ibaraki Factory		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	7	7	8	7	6
	Consumption (tons)	95	61	40	35	49
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	648	529	446	478	389
	Amount sent to landfill (tons)	69	0.0	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		34	41	30	29	19
CO_2 emissions (tons)		4,257	3,845	3,283	3,723	3,468
Energy consumption (crude oil equivalent, kL)		2,328	2,191	1,807	1,875	1,545
Electric energy consumption (1000 kWh)		—	—	—	5,032	3,869

Zeon Kasei Co., Ltd. Yamaguchi Factory		FY2010	FY2011	FY2012	FY2013	FY2014
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)	99	91	57	91	151
	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	0.3	0.0
CO_2 emissions (tons)		231	412	416	410	460
Energy consumption (crude oil equivalent, kL)		94	147	151	155	166
Electric energy consumption (1000 kWh)		—	—	—	459	591

Zeon Polymix Inc. Otsu Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	5	5	5	5	5
	Consumption (tons)	148	165	146	122	113
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	195	171	155	148	160
	Amount sent to landfill (tons)	25	4.0	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		—	45	50	49	48
CO_2 emissions (tons)		2,230	1,938	2,631	2,740	2,860
Energy consumption (crude oil equivalent, kL)		1,697	1,573	1,534	1,416	1,388
Electric energy consumption (1000 kWh)		—	—	—	5,260	5,321

Zeon Polymix Inc. Kawagoe Plant *Kawagoe Plant closed in FY2010		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	3	—	—	—	—
	Consumption (tons)	9.8	—	—	—	—
	Amount emitted (tons)	0.0	—	—	—	—
Industrial waste	Amount generated (before volume reduction) (tons)	46	—	—	—	—
	Amount sent to landfill (tons)	12	—	—	—	—
CO_2 emissions (tons)		103	—	—	—	—
Energy consumption (crude oil equivalent, kL)		56	—	—	—	—
Electric energy consumption (1000 kWh)		—	—	—	—	—

Zeon Medical Inc.		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	1	1	1	1	1
	Consumption (tons)	2.3	2.2	1.6	1.6	1.6
	Amount emitted (tons)	2.3	2.2	1.6	1.6	1.6
Industrial waste	Amount generated (before volume reduction) (tons)	8	22	10	9	10
	Amount sent to landfill (tons)	7.6	11.2	5.0	4.3	4.5
Water resources (Industrial water + Ground water + Waterworks)		—	11.7	14.3	17.8	21.9
CO_2 emissions (tons)		970	969	1,143	1,123	1,003
Energy consumption (crude oil equivalent, kL)		462	431	511	539	401
Electric energy consumption (1000 kWh) *Included in Takaoka Plant		—	—	—	*	*

Zeon North Co., Ltd.		FY2010	FY2011	FY2012	FY2013	FY2014
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)	36	38	25	20	17
	Amount sent to landfill (tons)	8.0	5.0	5.2	3.1	4.2
Water resources (Industrial water + Ground water + Waterworks)		—	—	—	—	2.0
CO_2 emissions (tons)		155	160	152	146	161
Energy consumption (crude oil equivalent, kL)		84	80	85	85	92
Electric energy consumption (1000 kWh)		—	—	—	—	384

RIMTEC Corporation		FY2010	FY2011	FY2012	FY2013	FY2014
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)	52	29	52	49	23
	Amount sent to landfill (tons)	3.6	3.4	15.2	2.4	1.3
Water resources (Industrial water + Ground water + Waterworks)		—	4.4	3.6	2.2	1.5
CO_2 emissions (tons)		187	167	188	160	110
Energy consumption (crude oil equivalent, kL)		160	145	160	138	90
Electric energy consumption (1000 kWh)		—	—	—	—	—

Zeon Yamaguchi Co., Ltd.		FY2010	FY2011	FY2012	FY2013	FY2014
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)	187	135	207	225	4,018
	Amount sent to landfill (tons)	2.0	18.2	1.4	0.8	297.2
Water resources (Industrial water + Ground water + Waterworks)		0.2	0.2	0.3	0.2	0.2
CO_2 emissions (tons)		12	11	11	12	11
Energy consumption (crude oil equivalent, kL)		6	6	5	5	5
Electric energy consumption (1000 kWh)		—	—	—	53	21

Zeon Chemicals Yonezawa Co., Ltd.		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	2	5	4	7	5
	Consumption (tons)	1,231	1,897	1,773	1,642	1,759
	Amount emitted (tons)	0.4	0.5	0.5	0.5	0.5
Industrial waste	Amount generated (before volume reduction) (tons)	87	186	187	202	206
	Amount sent to landfill (tons)	0.4	0.4	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		—	14	10	9	14
CO_2 emissions (tons)		815	940	1,017	1,151	1,421
Energy consumption (crude oil equivalent, kL)		455	505	439	490	591
Electric energy consumption (1000 kWh)		—	—	—	1,202	1,458

Optes Inc. Sano Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	1	1	1	1	1
	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)	7	6	7	10	8
	Amount sent to landfill (tons)	0.7	0.0	0.0	0.6	0.4
Water resources (Industrial water + Ground water + Waterworks)		4	4	5	6	6
CO_2 emissions (tons)		1,015	1,105	919	989	862
Energy consumption (crude oil equivalent, kL)		611	664	625	674	564
Electric energy consumption (1000 kWh) *Included in Hokuriku Plant		—	—	—	*	2,274

Optes Inc. Hokuriku Plant		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	0	0	0	1	1
	Consumption (tons)	0	0	0	1.2	1.3
	Amount emitted (tons)	0	0	0	0.0	0.0
Industrial waste	Amount generated (before volume reduction) (tons)	419	707	849	1,377	1,254
	Amount sent to landfill (tons)	1.5	0.0	0.0	0.0	0.3
Water resources (Industrial water + Ground water + Waterworks)		50	31	29	29	52
CO_2 emissions (tons)		13,159	8,499	9,622	27,483	34,196
Energy consumption (crude oil equivalent, kL)		10,501	9,390	10,313	12,549	13,612
Electric energy consumption (1000 kWh)		—	—	—	51,767	53,376

TFC Inc.		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	–	–	–	–	1
	Consumption (tons)	–	–	–	–	0.5
	Amount emitted (tons)	–	–	–	–	0.5
Industrial waste	Amount generated (before volume reduction) (tons)	–	–	–	–	94
	Amount sent to landfill (tons)	–	–	–	–	3.1
Water resources (Industrial water + Ground water + Waterworks)		–	–	–	–	4
CO_2 emissions (tons)		–	–	–	–	6,761
Energy consumption (crude oil equivalent, kL)		–	–	–	–	2,660
Electric energy consumption (1000 kWh)		–	–	–	–	7,449

Tohpe Corporation		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	–	–	–	–	22
	Consumption (tons)	–	–	–	–	8,020
	Amount emitted (tons)	–	–	–	–	60
Industrial waste	Amount generated (before volume reduction) (tons)	–	–	–	–	2,445
	Amount sent to landfill (tons)	–	–	–	–	111
Water resources (Industrial water + Ground water + Waterworks)		–	–	–	–	0
CO_2 emissions (tons)		–	–	–	–	8,279
Energy consumption (crude oil equivalent, kL)		–	–	–	–	4,296
Electric energy consumption (1000 kWh)		–	–	–	–	–

Zeon Group (Overseas)

Zeon Group (Overseas)		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	12	13	13	13	12
	Consumption (tons)	33,557	34,201	30,380	29,080	30,599
	Amount emitted (tons)	121	119	79	74	89
Industrial waste	Amount generated (before volume reduction) (tons)	3,988	4,132	3,363	3,769	4,168
	Amount sent to landfill (tons)	2,929	2,666	2,580	2,807	2,916
Water resources (Industrial water + Ground water + Waterworks)		—	—	1,792	1,877	2,304
CO_2 emissions (tons)		91,218	87,763	83,884	84,538	125,037
Energy consumption (crude oil equivalent, kL)		35,221	33,530	32,215	32,072	50,145

Zeon Chemicals L.P. (USA): Kentucky		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	7	8	8	8	7
	Consumption (tons)	17,691	18,189	16,260	14,927	16,202
	Amount emitted (tons)	39	43	28	20	10
Industrial waste	Amount generated (before volume reduction) (tons)	770	720	572	505	344
	Amount sent to landfill (tons)	736	689	552	478	332
Water resources (Industrial water + Ground water + Waterworks)		—	1,080	965	957	1,014
CO_2 emissions (tons)		34,648	34,755	32,217	31,741	33,570
Energy consumption (crude oil equivalent, kL)		11,170	11,048	10,136	9,820	11,017

Zeon Chemicals L.P. (USA): Texas		FY2010	FY2011	FY2012	FY2013	FY2014
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)	42	39	32	47	36
	Amount sent to landfill (tons)	1.4	1.0	1.2	2.2	3.0
Water resources (Industrial water + Ground water + Waterworks)		—	198	234	226	252
CO_2 emissions (tons)		10,426	10,325	9,965	10,059	10,712
Energy consumption (crude oil equivalent, kL)		3,093	3,065	2,945	2,940	3,150

Zeon Chemicals L.P. (USA): Mississippi		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	3	3	3	3	3
	Consumption (tons)	5,466	5,160	4,444	4,933	5,125
	Amount emitted (tons)	76	70	47	48	71
Industrial waste	Amount generated (before volume reduction) (tons)	53	41	22	44	42
	Amount sent to landfill (tons)	53	41	22	44	42
Water resources (Industrial water + Ground water + Waterworks)		—	152	134	142	132
CO_2 emissions (tons)		22,375	19,256	17,925	17,133	16,045
Energy consumption (crude oil equivalent, kL)		9,652	8,157	7,514	7,122	6,452

Zeon Chemicals Europe Ltd. (UK)		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	2	2	2	2	2
	Consumption (tons)	10,400	10,852	9,676	9,220	9,272
	Amount emitted (tons)	6.0	6.0	4.4	5.6	7.6
Industrial waste	Amount generated (before volume reduction) (tons)	930	680	1,116	1,028	995
	Amount sent to landfill (tons)	908	644	1,069	1,020	991
Water resources (Industrial water + Ground water + Waterworks)		—	303	245	268	245
CO_2 emissions (tons)		11,583	12,597	11,379	11,412	11,352
Energy consumption (crude oil equivalent, kL)		6,111	6,619	6,302	6,018	5,869

Zeon Advanced Polymix Co., Ltd		FY2010	FY2011	FY2012	FY2013	FY2014
Industrial waste	Amount generated (before volume reduction) (tons)	1,007	1,216	427	235	199
	Amount sent to landfill (tons)	65	241	0.0	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks)		29	30	32	32	33
CO_2 emissions (tons)		6,500	6,220	7,270	6,090	5,690
Energy consumption (crude oil equivalent, kL)		2,933	2,807	3,277	2,948	2,705

Zeon Chemicals Thailand Co., Ltd.		FY2010	FY2011	FY2012	FY2013	FY2014
Industrial waste	Amount generated (before volume reduction) (tons)	1,186	1,436	1,194	1,910	2,552
	Amount sent to landfill (tons)	1,166	1,050	936	1,263	1,548
Water resources (Industrial water + Ground water + Waterworks)		206	213	182	252	316
CO_2 emissions (tons)		5,686	4,610	5,128	8,103	8,488
Energy consumption (crude oil equivalent, kL)		2,262	1,834	2,041	3,224	3,377

Zeon Chemicals Singapore Pte. Ltd.		FY2010	FY2011	FY2012	FY2013	FY2014
Industrial waste	Amount generated (before volume reduction) (tons)	—	—	—	—	0
	Amount sent to landfill (tons)	—	—	—	—	0
Water resources (Industrial water + Ground water + Waterworks)		—	—	—	—	312
CO_2 emissions (tons)		—	—	—	—	39,180
Energy consumption (crude oil equivalent, kL)		—	—	—	—	17,575