

*) Until FY2013; Apr.-Mar. Since FY2014; Jan.-Dec.

1. Kuraray Co., Ltd.

Remark: the affiliated companies located in the site are included.

Total

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water Usage	1,000 m ³	69,042	65,946	67,984	68,921	72,124	71,042	
Waste Water	1,000 m ³	69,236	58,881	59,997	61,814	63,272	62,846	
COD load	tons	520	508	480	501	532	514	
Energy consumption (crude oil equivalent)	1,000 kl	386	402	398	403	413	434	
GHG emissions (inside number: CO2 emissions)	1,000 t-CO2e	1,162	1,209	1,190	1,218	1,250	1,319	
		1,134	1,204	1,165	1,194	1,227	1,296	
SOx emissions	tons	351	412	357	418	330	407	
NOx emissions	tons	1,556	1,643	1,723	1,734	1,705	1,855	
Soot and dust emissions	tons	22	25	26	27	27	33	
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.4	0.2	0.2	0.2	0.0	0.0	
Substances covered under JCIA's voluntary PRTR management program	No. of items	82	87	87	82	77	82	
	Release	tons	906	879	888	891	905	976
	Transfer	tons	990	1,047	1,112	1,141	1,146	1,292
Substances covered under PRTR law	No. of items	60	61	63	60	59	62	
	Release	tons	405	370	353	392	414	431
	Transfer	tons	493	574	618	616	657	746
Waste	Generation	tons	64,892	72,762	73,325	76,356	82,900	84,756
	Utilized internally	tons	20,592	19,799	19,619	21,461	20,446	21,519
	Utilized externally	tons	40,917	49,285	51,021	53,276	60,043	60,446
	Unutilized internally	tons	2,569	3,147	1,969	643	889	998
	Unutilized externally	tons	345	460	487	620	852	849

Okayama Plant (including Kuraray Engineering Co., Ltd., Kuraray Kuraflex Co., Ltd., Kuraray Okayama Spinning Co., Ltd., Kuraray Techno Co., Ltd.)

(1) Address: 1-2-1, Kaigan-dori, Minami-ku, Okayama City, Okayama Prefecture

(2) Site area: 663,000 m²

(3) ISO 14001: Certification No. JQA-EM0796 (Certified on March 24, 2000)

Main products:	Kuralon, Kuralon K - II, Clarino (man-made leather), Kuraflex (dry-laid non-woven fabric), EVAL resin and film, Poval resin,
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	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water Usage	1,000 m ³	12,748	13,097	12,825	13,537	13,808	13,643	
Waste Water	1,000 m ³	9,947	10,164	9,980	10,150	10,622	10,824	
COD load	tons	170	178	190	189	192	182	
Energy consumption (crude oil equivalent)	1,000 kl	180	191	186	191	193	197	
GHG emissions (inside number: CO2 emissions)	1,000 t-CO2e	579	621	620	638	642	654	
		578	620	619	638	641	652	
SOx emissions	tons	134	173	125	173	114	209	
NOx emissions	tons	1,076	1,068	1,110	1,132	1,089	1,232	
Soot and dust emissions	tons	11	11	11	13	13	16	
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.2	0.2	0.2	0.2	0.0	0.0	
Substances covered under JCIA's voluntary PRTR management program	No. of items	29	30	29	33	34	31	
	Release	tons	553	500	474	478	529	511
	Transfer	tons	222	332	303	271	268	316
Substances covered under PRTR law	No. of items	18	20	19	20	21	20	
	Release	tons	316	286	263	291	309	292
	Transfer	tons	143	238	221	183	168	210
Waste	Generation	tons	21,371	25,716	25,950	26,030	29,684	25,793
	Utilized internally	tons	1,670	1,795	1,955	2,024	1,377	0
	Utilized externally	tons	17,105	21,030	22,124	23,078	27,255	24,489
	Unutilized internally	tons	2,514	2,818	1,669	596	785	933
	Unutilized externally	tons	82	73	151	320	267	372

Kurashiki Plant (Tamashima area) (including Kuraray Tamashima Co., Ltd., Kuraray Techno Co., Ltd.)

(1) Address: 7471, Tamashima-otoshima, Kurashiki City, Okayama Prefecture

(2) Site area: 410,000 m²

(3) ISO 14001: Certification No. JQA-EM1213 (Certified on December 22, 2000)

Main products:	Polyester fiber, Poval film,
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	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water Usage	1,000 m ³	8,064	7,237	7,241	7,105	7,080	7,042	
Waste Water	1,000 m ³	7,877	7,157	7,212	7,214	6,776	6,486	
COD load	tons	39	37	28	31	37	39	
Energy consumption (crude oil equivalent)	1,000 kl	28	22	21	21	21	25	
GHG emissions (inside number: CO2 emissions)	1,000 t-CO2e	117	114	69	84	92	105	
		93	92	48	63	73	85	
SOx emissions	tons	24	49	72	77	57	33	
NOx emissions	tons	88	102	107	103	87	92	
Soot and dust emissions	tons	0.4	0.6	0.5	0.5	0.5	0.8	
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.0	0.0	0.0	0.0	0.0	0.0	
Substances covered under JCIA's voluntary PRTR management program	No. of items	12	13	12	12	12	10	
	Release	tons	33	30	29	32	31	31
	Transfer	tons	77	66	58	68	63	76
Substances covered under PRTR law	No. of items	7	8	7	8	8	6	
	Release	tons	0	0	0	0	0	0
	Transfer	tons	1	2	2	1	2	0
Waste	Generation	tons	10,552	10,403	12,606	12,605	12,455	11,194
	Utilized internally	tons	1,423	987	860	943	362	2,378
	Utilized externally	tons	9,118	9,408	11,736	11,637	12,069	8,796
	Unutilized internally	tons	0	0	0	0	0	0
	Unutilized externally	tons	11	8	10	25	25	20

Kurashiki Plant (Sakazu area)

- (1) Address: 1621, Sakazu, Kurashiki City, Okayama Prefecture
 (2) Site area: 220,000 m²
 (3) ISO 14001: Certification No. JQA-EM1213 (Certified on December 22, 2000)

Main products:

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Water Usage	1,000 m ³	366	298	291	251	88	
Waste Water	1,000 m ³	676	690	590	587	256	
COD load	tons	2	1	1	0	0	
Energy consumption (crude oil equivalent)	1,000 kl	0.7	0.6	0.5	0.3		
GHG emissions	1,000 t-CO2e	1.4	1.6	1.4	0.8		
(inside number: CO2 emissions)		1.4	1.6	1.4	0.8		
SOx emissions	tons	0.1	0.1	0.1	0.0		
NOx emissions	tons	0.1	0.2	0.1	0.0		
Soot and dust emissions	tons	0.0	0.0	0.0	0.0		
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.0	0.0	0.0	0.0		
Substances covered under JCIA's voluntary PRTR management program	No. of items	6	6	5	6		
	Release	tons	5	4	3	1	
	Transfer	tons	40	27	25	10	
Substances covered under PRTR law	No. of items	4	4	3	4		
	Release	tons	2	1	1	0	
	Transfer	tons	14	10	10	6	
Waste	Generation	tons	238	116	127	113	
	Utilized internally	tons	0	0	0	0	
	Utilized externally	tons	236	111	125	107	
	Unutilized internally	tons	0	0	0	0	
	Unutilized externally	tons	2	2	2	3	

*1 Not calculated (Business unit has been relocated to Niigata Plant)

Saijo Plant (including Kuraray Saijo Co., Ltd., Kuraray Techno Co., Ltd.)

- (1) Address: 892, Tsuitachi, Saijo City, Ehime Prefecture
 (2) Site area: 541,000 m²
 (3) ISO 14001: Certification No. JQA-EM1185 (Certified on December 15, 2000)

Main products: Poval film, Melt-blown Non-woven fabric, VECTRAN polyarylate fiber, GENESTAR (heat resistant polyamide resin), Polyester filament, KURAGEL PVA gel

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water Usage	1,000 m ³	14,514	11,934	13,999	14,277	15,221	14,175	
Waste Water	1,000 m ³	11,159	10,343	12,155	12,283	12,641	12,435	
COD load	tons	28	30	23	32	23	22	
Energy consumption (crude oil equivalent)	1,000 kl	46	51	54	52	55	56	
GHG emissions	1,000 t-CO2e	151	172	185	178	190	188	
(inside number: CO2 emissions)		150	172	185	178	190	188	
SOx emissions	tons	166	154	143	142	149	148	
NOx emissions	tons	278	359	400	400	431	397	
Soot and dust emissions	tons	8	11	12	12	10	13	
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.0	0.0	0.0	0.0	0.0	0.0	
Substances covered under JCIA's voluntary PRTR management program	No. of items	15	15	15	16	16	16	
	Release	tons	90	132	148	140	144	
	Transfer	tons	5	3	5	5	5	
Substances covered under PRTR law	No. of items	9	9	9	10	10	10	
	Release	tons	3	3	3	3	3	
	Transfer	tons	3	2	3	2	3	
Waste		tons	8,099	12,716	11,637	12,548	14,206	14,547
	Utilized internally	tons	207	185	183	202	153	0
	Utilized externally	tons	7,804	12,375	11,316	12,199	13,846	14,304
	Unutilized internally	tons	0	0	0	0	0	0
	Unutilized externally	tons	88	156	138	147	207	232

Niigata Plant (including Kuraray Noritake Dental Inc., Kuraray Techno Co., Ltd.)

- (1) Address: 2-28, Kurashiki-cho, Tainai City, Niigata Prefecture
 (2) Site area: 924,000 m²
 (3) ISO 14001: Certification No. JQA-EM0801 (Certified on March 31, 2000)

Main products: Methacrylic resin for molding, Poval resin, Aromachemicals, Pharmaceutical and agrochemical intermediates

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water Usage	1,000 m ³	31,029	31,068	31,363	31,412	33,428	33,330	
Waste Water	1,000 m ³	28,076	28,148	27,793	29,142	30,194	30,080	
COD load	tons	196	182	157	161	180	170	
Energy consumption (crude oil equivalent)	1,000 kl	65	62	63	63	65	65	
GHG emissions	1,000 t-CO2e	140	137	137	138	141	139	
(inside number: CO2 emissions)		138	135	135	136	139	138	
SOx emissions	tons	25	32	13	21	6	2	
NOx emissions	tons	60	58	55	52	51	62	
Soot and dust emissions	tons	0.8	0.2	0.1	0.0	0.0	0.0	
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.0	0.0	0.0	0.0	0.0	0.0	
Substances covered under JCIA's voluntary PRTR management program	No. of items	43	46	46	52	41	37	
	Release	tons	106	98	104	112	120	
	Transfer	tons	259	272	609	411	466	
Substances covered under PRTR law	No. of items	28	30	30	35	27	27	
	Release	tons	60	54	60	59	73	
	Transfer	tons	226	210	339	326	400	
Waste	Generation	tons	14,918	14,233	14,147	15,200	16,256	16,989
	Utilized internally	tons	10,516	9,789	9,612	10,548	10,654	10,733
	Utilized externally	tons	3,827	3,963	4,026	4,147	4,829	5,283
	Unutilized internally	tons	0	251	246	0	0	0
	Unutilized externally	tons	111	163	89	37	95	40

Kashima Plant (including Kuraray Techno Co., Ltd.)

- (1) Address: 36, Towada, kamisu City, Ibaraki Prefecture
 (2) Site area: 408,000 m²
 (3) ISO 14001: Certification No. JQA-EM0364 (Certified on March 12, 1999)

Main products:	SEPTON (thermoplastic elastomer), HYBRAR (thermoplastic elastomer), Industrial cleaner
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	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Water Usage	1,000 m ³	2,299	2,289	2,229	2,305	2,466	2,461
Waste Water	1,000 m ³	2,341	2,345	2,234	2,407	2,743	2,665
COD load	tons	86	81	81	88	100	98
Energy consumption (crude oil equivalent)	1,000 kl	64	67	71	73	76	80
GHG emissions	1,000 t-CO ₂ e (inside number: CO ₂ emissions)	168	158	171	172	178	190
		168	158	170	172	178	190
SOx emissions	tons	2	4	4	4	4	6
NOx emissions	tons	54	55	50	48	47	51
Soot and dust emissions	tons	1.8	2.8	2.4	1.8	3.6	2.0
Ozone-layer depleting substance emissions	tons of CFC equivalent	0.0	0.0	0.0	0.0	0.0	0.0
Substances covered under JCIA's voluntary PRTR management program	No. of items	36	38	38	42	38	41
	Release	tons	118	115	129	133	98
	Transfer	tons	388	342	363	376	345
Substances covered under PRTR law	No. of items	23	24	24	26	24	25
	Release	tons	24	25	25	38	40
	Transfer	tons	105	110	89	98	84
Waste	Generation	tons	9,633	9,471	8,756	9,883	10,146
	Utilized internally	tons	6,776	7,043	7,009	7,744	7,901
	Utilized externally	tons	2,752	2,305	1,601	2,025	1,897
	Unutilized internally	tons	55	78	54	47	104
	Unutilized externally	tons	50	46	92	84	252

Tsurumi Plant (Former Kuraray Chemical Co., Ltd. has been acquired by Kuraray Co., Ltd. since FY2017)

- (1) Address: 4342, Tsurumi, Bizen City, Okayama Prefecture
 (2) Site area: 89,000 m²
 (3) ISO 14001: Certification No. JQA-EM5426 (Certified on July 7, 2006)

Main products:	Activated carbon, high performance activated carbon, nitrogen gas separators
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	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Water usage	1,000 m ³	341	333	333	297	317	357
Waste water	1,000 m ³	183	199	229	191	224	291
COD load	tons	1	1	2	1	1	2
Energy consumption (crude oil equivalent)	1,000 kl	8	9	9	8	9	9
GHG emissions	1,000 t-CO ₂ e (inside number: CO ₂ emissions)	43	41	42	38	43	37
		43	41	42	38	43	37
SOx emissions	tons	18	15	12	12	14	8
NOx emissions	tons	25	24	27	26	19	21
Soot and dust emissions	tons	4	1	2	1	1	1
Ozone-layer depleting substance emissions	tons of CFC	0	0	0	0	0	0
Substances covered under JCIA's voluntary PRTR management	No. of items	2	4	4	6	6	10
	Release	tons	14	10	15	17	12
	Transfer	tons	0	0	0	0	0
Substances covered under PRTR law	No. of items	1	3	3	5	5	6
	Release	tons	10	9	15	16	12
	Transfer	tons	0	0	0	0	0
Waste	Generation	tons	6,042	6,492	6,251	5,171	5,676
	Utilized internally	tons	0	0	0	0	0
	Utilized externally	tons	6,035	6,487	6,243	5,160	5,650
	Unutilized internally	tons	0	0	0	0	0
	Unutilized externally	tons	7	5	8	12	27

*) Until FY2013; Apr.-Mar. Since FY2014; Jan.-Dec.

2. Domestic Affiliated Companies

Total

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water usage	1,000 m ³	1,008	961	921	895	955	783	
Waste water	1,000 m ³	847	822	805	780	823	719	
COD load	tons	2	2	2	2	2	0	
Energy consumption (crude oil equivalent)	1,000 kl	13	13	13	12	14	5	
GHG emissions	1,000 t-CO ₂ e	53	49	50	47	53	11	
(inside number: CO ₂ emissions)		53	49	50	47	53	11	
SOx emissions	tons	19	15	12	12	15	0	
NOx emissions	tons	26	26	28	27	20	1	
Soot and dust emissions	tons	4	1	2	1	1	0	
Ozone-layer depleting substance emissions	tons of CFC	0	0	0	0	0	0	
Substances covered under JClA's voluntary PRTR management	No. of items	11	11	13	14	12	6	
Release	tons	81	128	97	119	52	90	
Transfer	tons	9	12	13	12	3	2	
Substances covered under PRTR law	No. of items	5	5	7	8	7	3	
Release	tons	14	11	17	18	13	1	
Transfer	tons	3	4	5	5	1	0	
Waste	Generation	tons	7,873	8,078	7,767	6,762	7,076	1,671
Utilized internally	tons	71	67	55	57	38	25	
Utilized externally	tons	7,610	7,859	7,514	6,453	6,757	1,174	
Unutilized internally	tons	47	31	0	5	0	0	
Unutilized externally	tons	145	122	198	238	397	472	

Ibuki Plant, Kuraray Plastics Co., Ltd.

(1) Address: 4330, Osa, Tarui-cho, Fuwa-gun, Gifu Prefecture

(2) Site area: 74,900 m²

(3) ISO 14001: Certification No. JQA-EM2934 (Certified on January 17, 2003)

Main products:	Hoses, laminates,	driving pipes, compounds
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	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water usage	1,000 m ³	596	548	499	514	549	682	
Waste water	1,000 m ³	596	545	499	514	553	682	
COD load	tons	0.4	0.9	0.3	0.4	0.8	0.3	
Energy consumption (crude oil equivalent)	1,000 kl	2	2	2	1	2	2	
GHG emissions	1,000 t-CO ₂ e	4	3	3	3	3	3	
(inside number: CO ₂ emissions)		4	3	3	3	3	3	
SOx emissions	tons	0.7	0.3	0.3	0.2	0.2	0.1	
NOx emissions	tons	0.2	0.8	0.7	0.5	0.4	0.5	
Soot and dust emissions	tons	0.2	0.1	0.1	0.1	0.1	0.1	
Ozone-layer depleting substance emissions	tons of CFC	0	0	0	0	0	0	
Substances covered under JClA's voluntary PRTR management	No. of items	6	6	8	8	7	5	
Release	tons	58	111	56	73	34	85	
Transfer	tons	4	8	8	9	0	0	
Substances covered under PRTR law	No. of items	3	3	5	5	4	2	
Release	tons	0.7	1.0	0.3	0.4	0.0	0.0	
Transfer	tons	2	3	3	4	0	0	
Waste	Generation	tons	594	581	774	787	624	547
Utilized internally	tons	0	0	0	0	0	0	
Utilized externally	tons	534	531	706	711	538	510	
Unutilized internally	tons	47	31	0	5	0	0	
Unutilized externally	tons	13	18	68	61	202	37	

Kuraray Fastening Co., Ltd.

(1) Address: 56, Nouno, Maruoka-cho, Sakai-gun, Fukui prefecture

(2) Site area: 22,950 m²

(3) ISO 14001: Certification No. JQA-EM3326 (Certified on August 22, 2003)

Main products:	MAGICTAPE (hook and loop fastener),	MAGILOCK (molded plastic hook and loop fastener)
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		FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water usage	1,000 m ³	10	67	60	50	44	34	
Waste water	1,000 m ³	10	67	57	48	42	33	
COD load	tons	—	—	—	—	—	—	
Energy consumption (crude oil equivalent)	1,000 kl	1	2	2	2	2	2	
GHG emissions	1,000 t-CO ₂ e	3	4	3	4	4	4	
(inside number: CO ₂ emissions)		3	4	3	4	4	4	
SOx emissions	tons	—	—	—	—	—	—	
NOx emissions	tons	—	—	—	—	—	—	
Soot and dust emissions	tons	—	—	—	—	—	—	
Ozone-layer depleting substance emissions	tons of CFC	0	0	0	0	0	0	
Substances covered under JClA's voluntary PRTR management	No. of items	2	2	3	3	4	3	
Release	tons	9	7	6	6	6	5	
Transfer	tons	5	4	3	3	3	2	
Substances covered under PRTR law	No. of items	1	1	2	2	2	2	
Release	tons	3	2	1	1	1	1	
Transfer	tons	1	1	1	0	1	0	
Waste	Generation	tons	265	265	263	269	228	269
Utilized internally	tons	0	0	0	0	0	0	
Utilized externally	tons	245	247	250	254	216	250	
Unutilized internally	tons	0	0	0	0	0	0	
Unutilized externally	tons	20	17	13	15	12	20	

Okayama Plant, Kuraray Trading Co., Ltd.

(1) Address: 1099, Aza-Shinden, Oaza-Kawabe, Mabi-cho, Kibi-gun, Okayama Prefecture

(2) Site area: 5,780 m²

Main products: Industrial resin belts

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Water usage	1,000 m ³	4	4	4	4	4	4
Waste water	1,000 m ³	4	4	4	4	4	4
COD load	tons	—	—	—	—	—	—
Energy consumption (crude oil equivalent)	1,000 kl	0.2	0.2	0.2	0.2	0.2	0.2
GHG emissions	1,000 t-CO ₂ e (inside number: CO ₂ emissions)	0.6	0.6	0.6	0.6	0.5	0.5
		0.6	0.6	0.6	0.6	0.5	0.5
SOx emissions	tons	0.2	0.2	0.2	0.2	0.2	0.2
NOx emissions	tons	0.4	0.4	0.4	0.4	0.4	0.4
Soot and dust emissions	tons	0.1	0.1	0.1	0.1	0.1	0.1
Ozone-layer depleting substance emissions	tons of CFC	0	0	0	0	0	0
Substances covered	No. of items	2	2	2	2	2	2
under JClA's voluntary	Release	tons	0.2	0.2	0.2	0.2	0.2
PRTR management	Transfer	tons	0	0	0	0	0
Substances covered	No. of items	0	0	0	0	0	0
under PRTR law	Release	tons	—	—	—	0	0
	Transfer	tons	—	—	—	0	0
Waste	Generation	tons	50	60	45	49	46
	Utilized internally	tons	41	52	40	45	23
	Utilized externally	tons	5	6	3	3	21
	Unutilized internally	tons	0	0	0	0	0
	Unutilized externally	tons	4	4	2	1	2

3. Overseas Affiliated Companies

EVAL Europe N.V.
 Kuraray Europe GmbH, PVA/PVB Division
 Kuraray Europe GmbH, Trosifol Division
 Kuraray Europe GmbH, OOO Trosifol
 Kuraray Europe GmbH. Holesov works
 Kuraray America Inc. EVAL BU
 Kuraray America Inc. SEPTON BU
 Kuraray America Inc. PVOH BU
 Kuraray America Inc. Fayetteville works
 Kuraray America Inc. La Porte works
 Kuraray America Inc. Washington works
 Kuraray Korea Ulsan works
 Kuraray Asia Pacific Pte.Ltd.
 MonoSol, LLC. La Porte Plant
 MonoSol, LLC. Portage Plant
 MonoSol, LLC. Duneland Plant
 MonoSol, LLC. Hartlebury Plant
 Plantic Technologies Ltd.
 Kuraray Magictape (Shanghai) Co., Ltd.
 Kuraray Chemical (Ningxia) Environmental Industry Co., Ltd.
 Kuraray Methacrylate (Zhang Jia Gang) Co., Ltd.

	Unit	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	
Water usage (excepte sea water)	1,000 m ³	3,556	4,107	7,340	9,357	9,986	11,092	
Waste water	1,000 m ³	3,915	4,585	5,820	6,484	7,987	8,795	
TOC release	tons	2,257	1,731	2,316	2,340	2,229	2,637	
Energy consumption (crude oil equivalent)	1,000 kl	222	254	355	443	437	500	
CO ₂ emmissions	1,000 tons of CO ₂ equivalent	468	506	753	952	933	1,032	
SOx emmissions	tons	0	0	0	0	2	1	
NOx emmissions	tons	7	28	23	38	53	51	
Substances covered under PRTR law	No. of items	14	14	16	14	14	14	
	Emission	tons	128	183	300	321	431	741
	Transfer	tons	1,794	1,979	2,917	5,631	8,158	6,504
Waste	Generation	tons	15,150	15,325	22,445	34,649	39,330	37,331
	Utilization	tons	8,064	8,033	9,146	15,551	15,708	16,196
	Landfill	tons	1,632	3,085	3,900	5,783	8,718	9,043

* Since TOC emmissions are treated by outside wastewater treatment businesses, the amount of discharge to public water areas is substantially lower than the above figures.

* Data for overseas affiliated companies is not included in the Kuraray Group total in the Kuraray CSR Report.