

## Environmental Data by Country

### ● Change in Energy Consumption and CO<sub>2</sub> Emissions\*<sup>1</sup> (by Region and Country,\*<sup>2</sup> Production Sites)

Region	Country	FY2011		FY2012		FY2013		FY2014		FY2015	
		Energy Consumption (TJ)	CO <sub>2</sub> Emissions (1000t-CO <sub>2</sub> )	Energy Consumption (TJ)	CO <sub>2</sub> Emissions (1000t-CO <sub>2</sub> )	Energy Consumption (TJ)	CO <sub>2</sub> Emissions (1000t-CO <sub>2</sub> )	Energy Consumption (TJ)	CO <sub>2</sub> Emissions (1000t-CO <sub>2</sub> )	Energy Consumption (TJ)	CO <sub>2</sub> Emissions (1000t-CO <sub>2</sub> )
Japan	Japan	7,397	420	6,792	385	7,153	405	7,200	408	7,069	401
The Americas	U.S.A.	1,006	78	1,096	85	1,134	88	1,183	92	1,131	88
	Mexico	—	—	—	—	—	—	—	—	60	5
	Brazil	165	4	158	4	167	4	171	5	163	4
	The Americas sub-total	1,171	82	1,254	90	1,301	92	1,354	97	1,354	97
Europe	U.K.	401	28	435	30	447	31	455	32	449	35
	Germany	40	3	39	3	37	2	38	2	37	2
	Poland	1,261	123	1,238	121	1,256	123	1,215	119	1,289	126
	Europe sub-total	1,702	154	1,711	153	1,740	156	1,708	153	1,775	163
Asia	Indonesia	852	48	846	47	922	51	956	53	966	55
	Thailand	272	16	328	19	339	19	363	21	342	21
	Malaysia	455	26	446	25	455	26	467	27	478	27
	China	1,309	93	1,584	111	2,084	142	2,237	152	2,165	171
	Korea	277	13	298	14	361	17	384	18	407	19
	India	94	6	110	7	125	8	147	9	178	11
		Asia sub-total	3,259	201	3,613	223	4,286	263	4,554	279	4,536
	NSK Group total	13,529	856	13,370	851	14,480	916	14,816	937	14,735	966

\*1: Including CO<sub>2</sub> emitted from production sites by combusting fuel and CO<sub>2</sub> emitted from power plants regarded as generated by the user of electricity (sum of scope 1 and scope 2).

\*2: Adding the actual values of all scope production sites by country.

### ● Total Waste, Landfill Disposal Volume and Recycling Rate (by Region and Country,\* Production Sites)

Region	Country	FY2011			FY2012			FY2013		
		Total Waste (t)	Landfill Disposal Volume (t)	Recycling Rate (%)	Total Waste (t)	Landfill Disposal Volume (t)	Recycling Rate (%)	Total Waste (t)	Landfill Disposal Volume (t)	Recycling Rate (%)
Japan	Japan	110,759	18	99.98	105,865	12	99.99	104,441	1	99.999
The Americas	U.S.A.	12,949	608	95.3	14,812	861	94.2	14,909	1,148	92.3
	Mexico	—	—	—	—	—	—	—	—	—
	Brazil	3,610	74	97.9	3,376	66	98.0	3,926	57	98.5
	The Americas sub-total	16,559	682	95.9	18,188	927	94.9	18,834	1,205	93.5
Europe	U.K.	5,374	1,309	70.6	5,351	1,239	71.0	5,363	1,267	72.4
	Germany	1,581	0	100.0	1,350	0	100.0	1,297	0	100.0
	Poland	17,912	333	98.1	18,858	342	98.1	20,375	136	99.3
	Europe sub-total	24,867	1,643	93.0	25,560	1,581	93.4	27,036	1,403	94.5
Asia	Indonesia	7,845	177	97.7	7,402	158	97.9	8,448	121	98.6
	Thailand	2,878	70	97.4	3,956	88	97.6	4,462	109	97.4
	Malaysia	2,323	82	96.5	2,541	67	97.4	2,389	54	97.7
	China	15,516	1,066	92.5	17,157	1,052	93.1	23,298	1,190	94.2
	Korea	2,627	17	99.3	2,827	17	99.3	3,619	21	99.2
	India	390	38	90.2	633	97	84.6	667	93	86.1
		Asia sub-total	31,579	1,450	95.1	34,516	1,479	95.4	42,882	1,587
	NSK Group total	183,763	3,792	97.8	184,129	3,999	97.7	193,193	4,197	97.7

Region	Country	FY2014			FY2015		
		Total Waste (t)	Landfill Disposal Volume (t)	Recycling Rate (%)	Total Waste (t)	Landfill Disposal Volume (t)	Recycling Rate (%)
Japan	Japan	105,142	1	99.999	101,865	0.1	99.9999
The Americas	U.S.A.	16,896	1,292	92.3	17,002	778	95.4
	Mexico	—	—	—	493	132	62.3
	Brazil	3,586	60	98.3	3,057	55	98.2
	The Americas sub-total	20,482	1,352	93.4	20,552	966	95.3
Europe	U.K.	6,242	1,483	72.9	6,968	1,412	77.3
	Germany	1,336	0	100.0	1,279	0	100.0
	Poland	19,524	77	99.6	20,472	75	99.6
	Europe sub-total	27,103	1,561	93.9	28,720	1,486	94.6
Asia	Indonesia	8,607	120	98.6	8,269	29	99.6
	Thailand	5,180	148	97.0	5,175	118	97.6
	Malaysia	2,401	46	98.1	1,940	41	97.9
	China	27,416	1,647	93.4	34,604	1,084	96.4
	Korea	3,619	23	99.2	3,615	23	99.3
	India	744	75	90.0	849	65	92.3
	Asia sub-total	47,967	2,058	95.4	54,452	1,361	97.2
	NSK Group total	200,693	4,972	97.4	205,588	3,813	98.0

\* Adding the actual values of all scope production sites by country.

● Change in Water Withdrawal and Wastewater Amounts (by Region and Country,\* Production Sites)

Region	Country	FY2011		FY2012		FY2013		FY2014		FY2015	
		Water Withdrawal (m <sup>3</sup> )	Wastewater (m <sup>3</sup> )	Water Withdrawal (m <sup>3</sup> )	Wastewater (m <sup>3</sup> )	Water Withdrawal (m <sup>3</sup> )	Wastewater (m <sup>3</sup> )	Water Withdrawal (m <sup>3</sup> )	Wastewater (m <sup>3</sup> )	Water Withdrawal (m <sup>3</sup> )	Wastewater (m <sup>3</sup> )
Japan	Japan	2,937,535	1,720,299	2,571,713	1,439,817	2,475,897	1,458,566	2,369,919	1,417,099	2,195,003	1,149,367
The Americas	U.S.A.	86,667	65,896	104,399	71,425	111,915	90,579	105,764	79,867	98,326	70,158
	Mexico	—	—	—	—	—	—	10,728	10,728	12,934	12,934
	Brazil	32,347	14,580	30,487	13,218	33,794	14,021	33,519	13,038	30,924	14,409
	The Americas sub-total	119,014	80,476	134,886	84,643	145,709	104,600	150,011	103,633	142,184	97,501
Europe	U.K.	74,451	74,451	71,915	71,915	60,818	60,818	73,579	73,579	76,569	64,688
	Germany	2,534	2,534	2,056	2,056	3,580	3,580	2,944	2,944	4,246	3,296
	Poland	253,041	132,598	238,863	124,379	242,882	125,952	227,838	122,034	247,652	135,137
	Europe sub-total	330,026	209,583	312,834	198,350	307,280	190,350	304,361	198,557	328,467	203,121
Asia	Indonesia	214,563	192,713	210,570	188,843	234,968	210,726	241,523	214,577	270,010	243,308
	Thailand	107,668	86,135	122,127	97,701	99,385	79,508	109,106	87,284	146,061	101,792
	Malaysia	90,984	90,984	105,806	105,806	71,951	71,951	46,425	46,425	97,840	69,806
	China	693,164	512,633	816,690	601,539	1,028,219	737,984	1,156,794	865,035	1,134,381	807,052
	Korea	41,665	31,999	44,318	33,207	55,361	22,698	56,629	23,318	59,960	24,690
	India	24,742	5,902	31,056	8,360	57,524	27,897	61,257	5,485	64,046	8,067
	Asia sub-total	1,172,786	920,366	1,330,567	1,035,456	1,547,408	1,150,764	1,671,734	1,242,123	1,772,299	1,254,715
NSK Group total		4,559,361	2,930,724	4,350,000	2,758,266	4,476,294	2,904,280	4,496,025	2,961,413	4,437,954	2,704,703

\* Adding the actual values of all scope production sites by country.