

16. Environment-related data by segment (FY2018~FY2022)

	Operating sites	Production kt	GHG		Water resource		Industrial waste		Domestic chemical substances		Environmental burden in wastewater			Environmental burden in emission gas			
			Emission	Intensity	Water intake	Intensity	Final disposal amount	Intensity	PRTR chemical substances	Intensity	BOD	COD	SS	SO <sub>x</sub>	NO <sub>x</sub>	Soot and Dust	
			kt-CO <sub>2</sub> e	t-CO <sub>2</sub> e/t-production	1,000 m <sup>3</sup>	m <sup>3</sup> /t-production	t-appearance	kg/t-production	t-released and transferred	g/t-production	t	t	t	t-SO <sub>2</sub> conversion	t-NO <sub>2</sub> conversion	t	
<b>FY2022</b>	Industrial Material Business	169	6,787	2,975	0.438	192,939	28.4	70,190	10.3	122	18	2,277	3,905	1,922	2,376	2,637	177
	Household and Consumer Product Business	8	210	112	0.534	3,560	17.0	76	0.4	<1	0.1	(*1)	99	21	<1	8	4
	Functional Materials Business	26	627	531	0.847	42,688	68.1	10,359	16.5	248	395	367	151	201	309	261	10
	Forest Resources and Environment Marketing Business	45	3,941	982	0.249	117,914	29.9	183,417	46.5	<1	0.05	2,125	11,822	4,534	246	2,980	2,243
	Printing and Communications Media Business	7	3,411	2,847	0.835	352,306	103.3	4,874	1.4	49	14	840	18,633	7,035	3,024	5,708	366
	Other business	35	21	23	1.098	559	26.5	237	11.3	1	60	6	0	2	0	0	0
	<b>Total</b>	<b>290</b>	<b>14,997</b>	<b>7,470</b>	<b>0.498</b>	<b>709,966</b>	<b>47.3</b>	<b>269,153</b>	<b>17.9</b>	<b>420</b>	<b>28</b>	<b>5,615</b>	<b>34,610</b>	<b>13,715</b>	<b>5,955</b>	<b>11,595</b>	<b>2,800</b>
<b>FY2021</b>	Industrial Material Business	169	6,620	3,044	0.460	199,126	30.1	13,509	2.0	135	20	3,324	3,588	2,240	2,115	2,983	201
	Household and Consumer Product Business	7	204	78	0.384	3,957	19.4	50	0.2	(*1)	(*1)	(*1)	163	35	<1	4	1
	Functional Materials Business	26	650	579	0.890	48,433	74.5	2,532	3.9	287	442	646	155	609	657	380	49
	Forest Resources and Environment Marketing Business	33	3,224	623	0.193	65,285	20.3	60,409	18.7	0	0	1,413	14,046	2,852	43	2,280	1,731
	Printing and Communications Media Business	7	3,219	2,835	0.880	348,514	108.3	5,857	1.8	60	19	801	17,894	7,445	2,610	5,917	312
	Other business	49	1,127	447	0.397	48,967	43.5	78,972	70.1	0	0	829	16	1,529	0	820	849
	<b>Total</b>	<b>291</b>	<b>15,043</b>	<b>7,606</b>	<b>0.506</b>	<b>714,281</b>	<b>47.5</b>	<b>161,328</b>	<b>10.7</b>	<b>482</b>	<b>32</b>	<b>7,013</b>	<b>35,862</b>	<b>14,710</b>	<b>5,424</b>	<b>12,385</b>	<b>3,143</b>
<b>FY2020</b>	Industrial Material Business	167	6,450	3,010	0.467	198,973	30.8	17,041	2.6	131	25	3,827	3,613	2,413	1,822	2,802	166
	Household and Consumer Product Business	8	196	37	0.190	4,009	20.4	82	0.4	(*1)	(*1)	(*1)	213	47	<1	5	1
	Functional Materials Business	26	635	571	0.900	51,050	80.4	3,887	6.1	260	739	782	126	652	664	444	70
	Forest Resources and Environment Marketing Business	34	3,120	548	0.176	64,553	20.7	43,086	13.8	<1	0	1,435	12,565	1,937	210	1,448	1,736
	Printing and Communications Media Business	7	2,783	2,757	0.991	338,697	121.7	9,714	3.5	48	21	631	16,369	7,954	2,833	5,566	288
	Other business	49	1,129	451	0.400	49,016	43.4	89,116	79.0	0	4	892	11	1,636	0	694	889
	<b>Total</b>	<b>291</b>	<b>14,313</b>	<b>7,374</b>	<b>0.515</b>	<b>706,298</b>	<b>49.3</b>	<b>162,925</b>	<b>11.4</b>	<b>440</b>	<b>49</b>	<b>7,567</b>	<b>32,897</b>	<b>14,639</b>	<b>5,529</b>	<b>10,958</b>	<b>3,148</b>
<b>FY2019</b>	Industrial Material Business	163	6,610	3,060	0.463	194,290	29.4	12,705	1.9	134	24	3,399	4,029	2,359	1,759	3,008	150
	Household and Consumer Product Business	7	201	35	0.174	4,093	20.4	67	0.3	(*1)	(*1)	(*1)	196	47	<1	4	0
	Functional Materials Business	27	759	658	0.867	61,692	81.3	7,551	10.0	588	1,299	1,069	174	937	864	530	66
	Forest Resources and Environment Marketing Business	36	3,288	511	0.155	60,878	18.5	44,592	13.6	<1	0	1,581	11,844	2,308	223	2,658	1,824
	Printing and Communications Media Business	7	3,448	2,839	0.823	361,246	104.8	16,481	4.8	52	19	765	18,781	8,903	2,857	6,175	287
	Other business	46	1,202	457	0.380	54,484	45.3	90,203	75.0	14	693	925	13	1,837	0	650	770
	<b>Total</b>	<b>286</b>	<b>15,507</b>	<b>7,560</b>	<b>0.488</b>	<b>736,684</b>	<b>47.5</b>	<b>171,599</b>	<b>11.1</b>	<b>750</b>	<b>77</b>	<b>7,740</b>	<b>35,038</b>	<b>16,391</b>	<b>5,704</b>	<b>13,024</b>	<b>3,097</b>
<b>FY2018</b>	Industrial Material Business	161	6,595	3,126	0.474	191,294	29.0	16,896	2.6	134	24	3,286	3,947	2,622	2,440	3,261	153
	Household and Consumer Product Business	7	217	35	0.161	4,062	18.7	52	0.2	(*1)	(*1)	(*1)	183	46	<1	4	294
	Functional Materials Business	27	799	685	0.857	59,979	75.1	4,897	6.1	588	1,237	1,243	177	1,004	1,081	495	57
	Forest Resources and Environment Marketing Business	37	3,563	455	0.128	62,700	17.6	36,250	10.2	<1	<1	1,485	11,026	2,144	297	1,168	1,387
	Printing and Communications Media Business	7	3,626	2,961	0.817	366,604	101.1	19,536	5.4	52	18	902	19,599	8,921	2,576	6,178	303
	Other business	46	1,172	489	0.417	55,759	47.6	88,609	75.6	14	702	944	<1	1,661	<1	639	750
	<b>Total</b>	<b>285</b>	<b>15,972</b>	<b>7,751</b>	<b>0.485</b>	<b>740,398</b>	<b>46.4</b>	<b>166,240</b>	<b>10.4</b>	<b>788</b>	<b>78</b>	<b>7,860</b>	<b>34,932</b>	<b>16,398</b>	<b>6,394</b>	<b>11,744</b>	<b>2,944</b>