

## 【 GHG emissions (Scope 1, 2, and 3) 】

		CO <sub>2</sub> emissions [thousand t-CO <sub>2</sub> e]
Scope 1	Direct emissions	78.5
Scope 2	Indirect emissions from energy sources	393.4
Scope 3	Other indirect emissions	401.4

Scope 3 category		CO <sub>2</sub> emissions [thousand t-CO <sub>2</sub> e]	Scope 3 category		CO <sub>2</sub> emissions [thousand t-CO <sub>2</sub> e]
Category 1	Products and services purchased	263.9	Category 9	Shipping, delivery (downstream)	—* <sup>2</sup>
Category 2	Capital goods	7.4	Category 10	Processing of products sold	—* <sup>2</sup>
Category 3	Fuel and energy activities not included in Scope 1 and 2	71.7	Category 11	Use of products sold	—* <sup>2</sup>
Category 4	Shipping, delivery (upstream)	53.9	Category 12	Disposal of products sold	—* <sup>2</sup>
Category 5	Waste from business	3.3	Category 13	Lease assets (downstream)	Excluded* <sup>3</sup>
Category 6	Business trips	0.4	Category 14	Franchise	Excluded* <sup>3</sup>
Category 7	Employee commute	0.8	Category 15	Investment	Excluded* <sup>3</sup>
Category 8	Lease assets (upstream)	—* <sup>1</sup>			

\*1 Not calculated since included in Scope 1 and 2

\*2 Not calculated since it is difficult to collect activity data as they are used by many consumers and for many purposes

\*3 Excluded since target business is not conducted

\*Target

Scope 1 and 2: Osaka Soda's business sites in Japan (calculated based on Act on Rationalizing Energy Use and Act on Promotion of Global Warming Countermeasures reports)

Scope 3 (category 1, 2, 4, 5): Osaka Soda's 5 plants (Kitakyushu, Amagasaki, Matsuyama, Mizushima, Okayama)

Scope 3 (category 3, 6, 7): Osaka Soda's business sites in Japan

\* Emission intensity: As for emission coefficients used when calculating items, figures from IDEA Ver.3.3. or the Ministry of the Environment's Emission Intensity Database For Calculating GHG Emissions Throughout the Supply Chain V3.3 are used