



Environmental Activities: Supplementary Data

1 Addressing Climate Change

Reducing Greenhouse Gas Emissions

Greenhouse Gas Emissions (All Seven Gases) (Sumitomo Chemical (All worksites))

(Thousand tons of CO₂e)

		FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020
CO ₂	Energy sources	3,347	2,559	2,405	2,454	2,543	2,722	2,645
	From other than energy use	65	55	50	93	155	142	157
Methane (CH ₄)		—	—	—	—	—	—	—
Nitrous oxide (N ₂ O)		76	65	45	35	23	15	20
Hydrofluorocarbon (HFC)		—	—	—	—	—	4	4
Perfluorocarbon (PFC)		—	—	—	—	—	—	—
Sulfur hexafluoride (SF ₆)		—	—	—	—	—	—	—
Nitrogen trifluoride (NF ₃)		—	—	—	—	—	—	—

Note: Calculated based on the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.



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Energy Saving

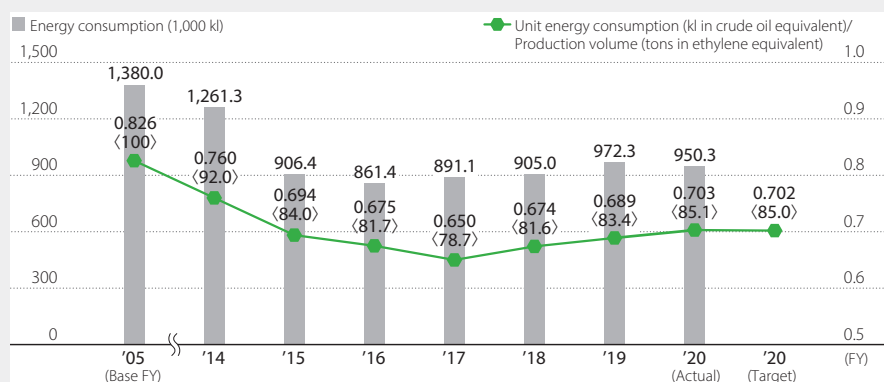
FY2020 Breakdown of Unit Energy Consumption (Sumitomo Chemical)

	Energy consumption (1,000 kl in crude oil equivalent) (a)	Production (1,000 tons in ethylene equivalent) (b)	Unit energy consumption (a/b)
Ehime Works	480.2	762.3	0.630
Chiba Works	341.2	380.1	0.898
Osaka Works	22.9	16.2	1.415
Oita Works*	62.1	67.0	0.927
Misawa Works	10.4	9.2	1.127
Ohe Works	33.6	117.8	0.285
Total	950.3	1,352.6	0.703
			<85.1% compared with FY2005>

Note: Calculated based on the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.

* Data for the Oita Works includes data for the Gifu and Okayama plants.

Energy Consumption and Unit Energy Consumption (Sumitomo Chemical)



Note: Calculated based on the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.

Target

Improve unit energy consumption 15% by fiscal 2020 compared to fiscal 2005 levels (Improve 1% per year on average)
Improve unit CO₂ emissions from energy use 15% by fiscal 2020 compared to fiscal 2005 levels (Improve 1% per year on average)

Results

Energy consumption totaled 950.3 thousand kl in crude oil equivalent in fiscal 2020.
In fiscal 2020, unit energy consumption worsened 2.7% compared with fiscal 2019 and improved 15% compared with fiscal 2005.
Unit CO₂ emissions from energy use worsened 2.2% compared with fiscal 2019 and improved 13% compared with fiscal 2005.

FY2020 Energy Consumption and CO₂ Emissions (Sumitomo Chemical and Group Companies in Japan (All worksites))

	Energy consumption (1,000 kl in crude oil equivalent)	CO ₂ emissions from energy use (1,000 tons)
Sumitomo Chemical	963	2,645
Works	950	2,620
Non-manufacturing sites including the Head Offices and Research Laboratories	13	24
Sumitomo Chemical and Group companies in Japan	1,767	5,312
Works	1,737	5,257
Non-manufacturing sites including the Head Offices and Research Laboratories	30	55

Notes: • Calculated based on the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.

• The boundary of calculation covers the same participating companies listed on page 3.