

Global Warming Countermeasures
Estimated GHG Emissions Excluding CO₂ from Energy Use (Kobe Steel, Ltd.)

Item	Kobe Steel, Ltd.								
	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
(1) CO ₂ from non-energy use	737,000 t-CO ₂	713,000 t-CO ₂	705,000 t-CO ₂	707,000 t-CO ₂	682,000 t-CO ₂	656,000 t-CO ₂	608,000 t-CO ₂	624,000 t-CO ₂	565,000 t-CO ₂
(2) Methane (CH ₄)	8,630 t-CO ₂	5,690 t-CO ₂	4,910 t-CO ₂	5,590 t-CO ₂	5,490 t-CO ₂	6,050 t-CO ₂	6,380 t-CO ₂	6,230 t-CO ₂	5,750 t-CO ₂
(3) Dinitrogen monoxide (N ₂ O)	54,800 t-CO ₂	57,000 t-CO ₂	62,900 t-CO ₂	56,100 t-CO ₂	53,400 t-CO ₂	54,900 t-CO ₂	52,300 t-CO ₂	43,700 t-CO ₂	40,500 t-CO ₂
(4) Hydrofluorocarbons (HFC)	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂
(5) Perfluorocarbons (PFC)	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂
(6) Sulfur hexafluoride (SF ₆)	3,540 t-CO ₂	0 t-CO ₂	3,210 t-CO ₂	3,160 t-CO ₂	13,900 t-CO ₂	16,500 t-CO ₂	15,300 t-CO ₂	12,900 t-CO ₂	15,600 t-CO ₂
(7) Nitrogen trifluoride (NF ₃)	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂	0 t-CO ₂

* Data are for greenhouse gases for which total emissions from all business locations were equivalent to 3,000 tons or more CO₂, in accordance with the Act on Promotion of Global Warming Countermeasures.