

Greenhouse Gas Emissions in the United States 2006

Table 15. U.S. Methane Emissions from Energy Sources, 1990, 1995, and 1999-2006
(Million Metric Tons Carbon Dioxide Equivalent)

Source	1990	1995	1999	2000	2001	2002	2003	2004	2005	P2006
Natural Gas Systems	128.9	137.6	144.2	151.0	147.0	154.0	153.2	154.8	154.2	150.8
Production	33.8	36.1	37.3	39.9	42.0	42.4	42.9	43.6	44.3	43.3
Processing	14.9	16.5	16.1	16.4	16.0	15.5	14.4	14.8	14.6	14.6
Transmission and Storage	48.3	49.3	52.8	55.4	49.0	55.6	54.7	53.7	53.5	51.0
Distribution	32.0	35.7	38.0	39.3	40.0	40.5	41.2	42.6	41.8	41.8
Coal Mining	97.7	83.8	71.5	68.1	68.0	64.1	64.2	67.3	65.5	64.7
Surface	10.7	11.2	12.5	12.4	13.2	13.0	12.7	13.1	13.5	14.2
Underground	87.0	72.5	58.9	55.7	54.9	51.1	51.5	54.2	52.1	50.5
Petroleum Systems	29.9	26.9	24.0	23.8	23.7	23.5	23.3	22.3	21.3	21.1
Refineries	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Exploration and Production	29.0	26.1	23.2	22.9	22.9	22.6	22.4	21.4	20.4	20.3
Crude Oil Transportation	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Stationary Combustion	12.9	11.8	9.1	9.8	8.7	8.9	9.3	9.5	9.5	9.1
Mobile Sources	5.6	4.7	4.6	4.5	4.3	4.3	4.1	4.2	4.6	4.8
Total	275.0	264.8	253.4	257.2	251.8	254.8	254.0	258.2	255.1	250.4

P = preliminary data.

Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2005*, DOE/EIA-0573(2005) (Washington, DC, November 2006). Totals may not equal sum of components due to independent rounding.

Sources: Published and unpublished data used to produce *Emissions of Greenhouse Gases in the United States 2005*. Emissions calculations based on Intergovernmental Panel on Climate Change, *Greenhouse Gas Inventory Reference Manual: IPCC Guidelines for National Greenhouse Gas Inventories* (2006 and revised 1996 guidelines), web site www.ipcc-nggip.iges.or.jp/public/public.htm; and U.S. Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2005*, EPA 430-R-07-002 (Washington, DC, April 2007), web site www.epa.gov/climatechange/emissions/usinventoryreport.html.