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Emissions of Greenhouse Gases in the United States 2009

**Table 1. U.S. emissions of greenhouse gases, based on global warming potential, 1990-2009
 (million metric tons carbon dioxide equivalent)**

Gas	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Carbon dioxide	5,040.9	5,353.4	5,900.3	5,923.3	6,031.3	6,055.2	5,961.6	6,059.5	5,865.5	5,446.8
Methane	768.8	732.7	663.1	660.6	661.6	669.2	678.5	690.9	724.2	730.9
Nitrous oxide	221.4	236.2	217.8	211.8	222.0	223.6	223.7	228.6	223.5	219.6
High-GWP gases ^a	102.1	119.4	154.0	145.4	157.0	161.3	163.6	171.4	169.9	178.2
Total	6,133.2	6,441.7	6,935.3	6,941.1	7,071.9	7,109.4	7,027.4	7,150.4	6,983.1	6,575.5
Difference from 2005	—	—	—	—	—	—	-82.0	41.0	-126.3	-533.8
Percent difference from 2005	—	—	—	—	—	—	-1.2%	0.6%	-1.8%	-7.5%

^aHydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).
 Note: Totals may not equal sum of components due to independent rounding.