

## Greenhouse Gas Emissions in the United States 2007

Source	1990	1995	2000	2001	2002	2003	2004	2005	2006	P2007
<b>Chemical Production</b>										
Ethylene .....	0.4	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.6	0.6
Ethylene Dichloride .....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Styrene .....	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.5
Methanol .....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	*
Carbon Black .....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<b>Subtotal .....</b>	<b>1.4</b>	<b>1.8</b>	<b>1.8</b>	<b>1.6</b>	<b>1.7</b>	<b>1.7</b>	<b>1.8</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>
<b>Iron and Steel Production</b>										
Coke <sup>a</sup> .....	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sinter .....	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Pig Iron .....	1.1	1.1	1.1	0.9	0.9	0.9	1.0	0.8	0.9	0.8
<b>Subtotal .....</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>
<b>Total .....</b>	<b>2.9</b>	<b>3.3</b>	<b>3.2</b>	<b>2.8</b>	<b>2.9</b>	<b>2.9</b>	<b>3.0</b>	<b>2.7</b>	<b>2.7</b>	<b>2.6</b>

<sup>a</sup>Based on total U.S. production of metallurgical coke, including for uses other than iron and steel manufacture.  
 \*Less than 0.05 million metric tons.  
 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 2006*, DOE/EIA-0573(2006) (Washington, DC, November 2007). 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Sources: Published and unpublished data used to produce *Emissions of Greenhouse Gases in the United States 2006*. Emissions calculations based on Intergovernmental Panel on Climate Change, *Greenhouse Gas Inventory Reference Manual: IPCC Guidelines for National Greenhouse Gas Inventories* (2007 and revised 1996 guidelines), web site [www.ipcc-nggip.iges.or.jp/public/public.htm](http://www.ipcc-nggip.iges.or.jp/public/public.htm); and U.S. Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2006*, EPA 430-R-07-002 (Washington, DC, April 2007), web site [www.epa.gov/climatechange/emissions/usinventoryreport.html](http://www.epa.gov/climatechange/emissions/usinventoryreport.html).