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Emissions of Greenhouse Gases in the United States 2005

Table 5. U.S. Carbon Dioxide Emissions from Energy and Industry, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel Type or Process	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Energy Consumption										
Petroleum	2,169.6	2,192.1	2,345.6	2,413.3	2,443.0	2,461.7	2,457.7	2,499.7	2,597.9	2,614.0
Coal	1,781.8	1,878.7	2,022.3	2,023.5	2,119.2	2,051.2	2,054.0	2,092.5	2,115.5	2,141.7
Natural Gas	1,027.2	1,184.6	1,189.3	1,191.9	1,237.6	1,185.7	1,227.5	1,196.5	1,198.4	1,178.1
Renewables[a]	6.2	10.4	10.6	10.8	10.5	11.1	13.0	11.7	11.4	11.5
Energy Subtotal	**4,984.8**	**5,265.8**	**5,567.8**	**5,639.5**	**5,810.2**	**5,709.8**	**5,752.2**	**5,800.5**	**5,923.2**	**5,945.3**
Nonfuel Use Emissions[b]	**98.1**	**104.7**	**118.6**	**124.1**	**110.0**	**104.9**	**105.4**	**103.5**	**111.7**	**106.4**
Nonfuel Use Sequestration[c]	**251.2**	**286.4**	**314.7**	**325.8**	**308.1**	**293.7**	**293.8**	**289.5**	**311.1**	**300.9**
Adjustments to Energy										
U.S. Territories (+)	31.1	38.2	41.0	40.4	42.2	53.6	52.3	56.8	60.0	58.6
Military Bunker Fuels (-)	13.6	8.9	10.0	9.8	7.8	8.2	8.1	9.2	10.1	10.1
International Bunker Fuels (-)	100.1	91.9	104.9	97.4	93.5	89.6	81.2	75.0	90.1	90.6
Total Energy Adjustments	**-82.6**	**-62.6**	**-73.9**	**-66.8**	**-59.1**	**-44.1**	**-37.0**	**-27.5**	**-40.2**	**-42.1**
Adjusted Energy Subtotal	**4,902.3**	**5,203.2**	**5,494.0**	**5,572.7**	**5,751.1**	**5,665.7**	**5,715.2**	**5,773.0**	**5,883.0**	**5,903.2**
Other Sources										
Natural Gas Flaring	9.1	17.2	6.2	6.7	5.5	5.9	6.0	5.9	5.9	5.9
Carbon Dioxide in Natural Gas	14.0	16.7	18.0	17.8	18.2	18.6	17.9	18.1	17.8	17.3
Cement Production	33.3	36.9	39.3	40.1	41.3	41.5	43.0	43.2	45.7	45.9
Other Industrial	26.8	28.4	29.7	29.3	29.4	27.4	26.4	27.6	28.5	28.1
Waste Combustion	5.1	6.2	6.9	7.2	7.9	8.0	6.2	7.5	7.7	8.3
Total Other Sources	**88.3**	**105.3**	**100.1**	**101.2**	**102.3**	**101.3**	**99.5**	**102.3**	**105.7**	**105.4**
Total	**4,990.6**	**5,308.5**	**5,594.0**	**5,673.9**	**5,853.4**	**5,767.0**	**5,814.7**	**5,875.3**	**5,988.7**	**6,008.6**

[a]Includes emissions from electricity generation using municipal solid waste and geothermal energy.
[b]Emissions from nonfuel use are included in the fuel categories above. See Table 12 for details by fuel category.
[c]See Table 13 for details by fuel.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding. Adjusted energy total includes U.S. Territories.
Sources: EIA estimates presented in this chapter.

Table 6. U.S. Carbon Dioxide Emissions from Energy Consumption by End-Use Sector, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

End-Use Sector	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Residential	953.7	1,030.7	1,088.1	1,111.3	1,171.9	1,161.1	1,186.4	1,214.0	1,213.9	1,253.8
Commercial	780.7	841.1	935.7	947.7	1,006.4	1,014.2	1,009.4	1,020.3	1,034.1	1,050.6
Industrial	1,683.6	1,728.6	1,782.3	1,770.5	1,778.0	1,702.8	1,684.7	1,688.0	1,736.0	1,682.3
Transportation	1,566.8	1,665.3	1,761.8	1,810.0	1,854.0	1,831.7	1,871.7	1,878.2	1,939.2	1,958.6
Total[a]	**4,984.8**	**5,265.8**	**5,567.8**	**5,639.5**	**5,810.2**	**5,709.8**	**5,752.2**	**5,800.5**	**5,923.2**	**5,945.3**
Electric Power	1,803.1	1,936.8	2,164.9	2,175.8	2,279.3	2,240.2	2,250.0	2,277.4	2,309.4	2,375.0

P = preliminary data.
[a]Includes emissions from nonfuel uses of fossil fuels. See Table 12 for details by fuel category.
Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding. Electric power sector emissions are distributed across the end-use sectors. Emissions allocated to sectors are unadjusted. Adjustments are made to total emissions only (Table 5).
Sources: EIA estimates presented in this chapter.

Table 7. U.S. Carbon Dioxide Emissions from Residential Sector Energy Consumption, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Petroleum										
Liquefied Petroleum Gas	22.6	25.1	26.9	33.1	34.9	33.2	33.6	34.9	32.9	31.2
Distillate Fuel	70.8	65.5	55.9	59.9	65.5	65.8	62.3	65.5	66.9	67.5
Kerosene	4.6	5.3	7.8	8.0	6.8	6.8	4.3	5.0	6.1	6.6
Petroleum Subtotal	**98.0**	**95.9**	**90.5**	**101.0**	**107.2**	**105.8**	**100.2**	**105.5**	**105.9**	**105.3**
Coal	2.9	1.6	1.2	1.3	1.0	1.0	1.1	1.2	1.3	0.9
Natural Gas	238.6	263.1	246.6	256.4	269.2	259.0	263.7	276.1	264.8	261.7
Electricity[a]	614.2	670.0	749.8	752.6	794.4	795.3	821.4	831.2	841.9	885.7
Total	**953.7**	**1,030.7**	**1,088.1**	**1,111.3**	**1,171.9**	**1,161.1**	**1,186.4**	**1,214.0**	**1,213.9**	**1,253.8**

[a]Share of total electric power sector carbon dioxide emissions weighted by sales to the residential sector.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 8. U.S. Carbon Dioxide Emissions from Commercial Sector Energy Consumption, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Petroleum										
Motor Gasoline	7.8	1.3	2.7	2.0	3.1	2.6	3.2	4.2	3.4	3.4
Liquefied Petroleum Gas	4.0	4.4	4.7	5.8	6.2	5.9	5.9	6.2	5.8	5.5
Distillate Fuel	38.8	34.7	31.1	31.8	35.6	36.8	32.2	34.9	34.1	34.4
Residual Fuel	17.9	11.0	6.6	5.7	7.1	5.4	6.2	8.7	9.6	10.5
Kerosene	0.8	1.6	2.2	1.9	2.1	2.2	1.1	1.3	1.5	1.6
Petroleum Subtotal	**69.4**	**53.0**	**47.4**	**47.2**	**54.1**	**53.0**	**48.7**	**55.3**	**54.3**	**55.4**
Coal	11.6	11.0	9.5	9.6	8.1	8.3	8.3	7.8	9.5	7.8
Natural Gas	142.4	164.5	163.6	165.3	171.8	164.3	170.2	175.8	170.3	166.3
Electricity[a]	557.2	612.6	715.2	725.5	772.4	788.5	782.3	781.4	799.9	821.1
Total	**780.7**	**841.1**	**935.7**	**947.7**	**1,006.4**	**1,014.2**	**1,009.4**	**1,020.3**	**1,034.1**	**1,050.6**

[a]Share of total electric power sector carbon dioxide emissions weighted by sales to the commercial sector.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 9. U.S. Carbon Dioxide Emissions from Industrial Sector Energy Consumption, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Petroleum										
Motor Gasoline	13.0	14.1	14.0	10.6	10.5	20.7	21.7	22.7	26.1	26.2
Liquefied Petroleum Gas	39.9	46.4	40.3	49.3	57.9	50.1	55.8	51.4	56.8	54.4
Distillate Fuel	83.1	81.6	87.3	85.5	86.5	93.7	86.8	81.9	87.5	89.1
Residual Fuel	30.3	24.2	15.7	14.0	16.6	13.6	13.1	15.5	17.7	19.7
Asphalt and Road Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lubricants	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kerosene	0.9	1.1	1.6	0.9	1.1	1.7	1.0	1.7	2.0	2.2
Petroleum Coke	81.2	79.6	97.6	109.0	87.6	97.2	94.8	91.6	107.2	102.5
Other Petroleum	125.1	112.1	123.6	128.0	115.5	130.0	127.3	137.3	139.8	137.1
Petroleum Subtotal	**373.5**	**359.1**	**380.1**	**397.3**	**375.7**	**407.0**	**400.5**	**402.2**	**437.3**	**431.2**
Coal	**247.7**	**223.6**	**203.1**	**198.6**	**207.5**	**201.4**	**185.2**	**187.3**	**188.1**	**184.5**
Coal Coke Net Imports	**0.5**	**5.7**	**7.4**	**6.5**	**6.1**	**2.7**	**5.7**	**4.7**	**12.8**	**4.1**
Natural Gas	**433.5**	**489.4**	**495.0**	**473.6**	**479.7**	**438.8**	**450.7**	**433.5**	**434.9**	**399.7**
Electricity[a]	**628.5**	**650.9**	**696.6**	**694.5**	**708.9**	**652.9**	**642.7**	**660.4**	**662.9**	**662.8**
Total[b]	**1,683.6**	**1,728.6**	**1,782.3**	**1,770.5**	**1,778.0**	**1,702.8**	**1,684.7**	**1,688.0**	**1,736.0**	**1,682.3**

[a]Share of total electric power sector carbon dioxide emissions weighted by sales to the industrial sector.
[b]Includes emissions from nonfuel uses of fossil fuels. See Table 12 for details by fuel category.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005).Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 10. U.S. Carbon Dioxide Emissions from Transportation Sector Energy Consumption, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Petroleum										
Motor Gasoline	952.1	1,019.4	1,076.8	1,104.0	1,110.7	1,115.8	1,144.2	1,147.9	1,169.0	1,170.5
Liquefied Petroleum Gas	1.3	1.0	1.0	0.8	0.7	0.8	0.8	1.0	1.1	1.1
Jet Fuel	220.4	219.9	235.6	242.9	251.2	240.4	234.4	229.1	237.4	243.8
Distillate Fuel	265.1	303.8	348.4	362.2	374.0	383.2	390.5	410.3	429.6	434.1
Residual Fuel	79.3	71.0	52.6	51.9	69.2	45.7	52.8	44.5	57.7	64.1
Lubricants[a]	6.5	6.2	6.6	6.7	6.6	6.0	6.0	5.5	5.6	5.6
Aviation Gasoline	3.1	2.7	2.4	2.7	2.5	2.4	2.3	2.1	2.1	2.4
Petroleum Subtotal	**1,527.7**	**1,624.0**	**1,723.4**	**1,771.2**	**1,815.0**	**1,794.3**	**1,831.0**	**1,840.5**	**1,902.5**	**1,921.7**
Coal	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Natural Gas	**35.9**	**38.2**	**35.1**	**35.6**	**35.5**	**33.9**	**37.1**	**33.3**	**32.1**	**31.5**
Electricity[b]	**3.2**	**3.2**	**3.3**	**3.2**	**3.6**	**3.5**	**3.6**	**4.5**	**4.6**	**5.4**
Total	**1,566.8**	**1,665.3**	**1,761.8**	**1,810.0**	**1,854.0**	**1,831.7**	**1,871.7**	**1,878.2**	**1,939.2**	**1,958.6**

[a]Includes emissions from nonfuel uses of fossil fuels. See Table 12 for details by fuel category.
[b]Share of total electric power sector carbon dioxide emissions weighted by sales to the transportation sector.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 12. U.S. Carbon Dioxide Emissions from Nonfuel Use of Energy Fuels, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

End Use and Type	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Industrial										
Petroleum										
Liquefied Petroleum Gases	14.8	19.5	21.5	22.4	20.4	19.1	19.9	19.0	19.3	18.3
Distillate Fuel	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Residual Fuel	1.8	2.0	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7
Asphalt and Road Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lubricants	6.8	6.5	7.0	7.1	7.0	6.4	6.3	5.8	5.9	5.9
Other *(Subtotal)*	*51.2*	*51.5*	*60.6*	*66.2*	*53.7*	*51.4*	*52.7*	*52.5*	*60.2*	*56.1*
Pentanes Plus	1.1	4.0	2.7	3.5	3.1	2.7	2.3	2.2	2.3	2.0
Petrochemical Feed	33.3	35.7	39.3	37.8	36.4	32.6	33.2	36.2	41.4	38.0
Petroleum Coke	9.0	6.7	10.8	14.4	7.1	10.5	9.7	8.3	12.9	11.6
Special Naphtha	7.8	5.2	7.8	10.6	7.1	5.7	7.5	5.9	3.7	4.6
Waxes and Miscellaneous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	*74.9*	*79.9*	*91.7*	*98.3*	*83.8*	*79.5*	*81.0*	*79.5*	*87.6*	*82.4*
Coal	0.5	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Natural Gas	16.2	17.9	19.7	18.5	19.0	18.8	18.0	18.0	18.0	18.0
Industrial Subtotal	***91.6***	***98.5***	***112.0***	***117.4***	***103.4***	***98.9***	***99.5***	***98.0***	***106.1***	***100.9***
Transportation										
Lubricants	6.5	6.2	6.6	6.7	6.6	6.0	6.0	5.5	5.6	5.6
Total	**98.1**	**104.7**	**118.6**	**124.1**	**110.0**	**104.9**	**105.4**	**103.5**	**111.7**	**106.4**

P = preliminary data.
Notes: Emissions from nonfuel use of energy fuels are included in the energy consumption tables in this chapter. Data in this table are revised from unpublished data used to produce the previous EIA report, *Emissions of Greenhouse Gases in the United States 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 11. U.S. Carbon Dioxide Emissions from Electric Power Sector Energy Consumption, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Fuel	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Petroleum										
Heavy Fuel Oil	91.0	44.6	82.7	75.7	68.8	79.3	51.7	68.3	69.1	69.1
Light Fuel Oil	7.0	7.8	9.8	10.1	12.6	12.4	9.2	11.6	8.0	8.3
Petroleum Coke	2.9	7.7	11.7	10.7	9.5	10.0	16.4	16.4	20.9	22.9
Petroleum Subtotal[a]	**100.9**	**60.1**	**104.1**	**96.5**	**90.9**	**101.6**	**77.4**	**96.3**	**98.0**	**100.3**
Coal	**1,519.1**	**1,636.8**	**1,801.1**	**1,807.6**	**1,896.6**	**1,837.8**	**1,853.7**	**1,891.5**	**1,903.7**	**1,944.2**
Natural Gas	**176.9**	**229.4**	**249.1**	**260.9**	**281.4**	**289.6**	**305.9**	**277.9**	**296.2**	**318.9**
Municipal Solid Waste	**5.8**	**10.0**	**10.2**	**10.4**	**10.1**	**10.8**	**12.6**	**11.3**	**11.1**	**11.1**
Geothermal	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**
Total	**1,803.1**	**1,936.8**	**2,164.9**	**2,175.8**	**2,279.3**	**2,240.2**	**2,250.0**	**2,277.4**	**2,309.4**	**2,375.0**

P = preliminary data.
[a]Includes small amounts of other petroleum liquids, such as jet fuel and waste oil.
Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Emissions for total fuel consumption are allocated to end-use sectors in proportion to electricity sales. Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 13. U.S. Carbon Sequestered by Nonfuel Use of Energy Fuels, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide Equivalent)

End Use and Type	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Industrial										
Petroleum										
Liquefied Petroleum Gases	59.3	78.5	86.4	89.9	82.1	76.7	79.9	76.3	77.7	73.4
Distillate Fuel	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Residual Fuel	1.9	2.1	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7
Asphalt and Road Oil	88.5	89.1	95.5	100.1	96.4	95.0	93.7	92.2	98.6	100.0
Lubricants	6.9	6.6	7.1	7.2	7.0	6.5	6.4	5.9	6.0	5.9
Other *(Subtotal)*	*72.0*	*83.0*	*92.7*	*94.9*	*88.7*	*83.9*	*86.4*	*88.1*	*101.9*	*94.6*
Pentanes Plus	4.4	16.2	10.9	14.0	12.7	10.8	9.2	9.0	9.1	8.0
Petrochemical Feed	46.0	50.0	59.1	55.5	57.7	50.7	55.1	59.2	69.2	64.2
Petroleum Coke	9.1	6.8	10.9	14.5	7.2	10.6	9.8	8.3	13.0	11.7
Special Naphtha	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Waxes and Miscellaneous	12.5	10.1	11.8	10.9	11.2	11.8	12.2	11.5	10.6	10.6
Petroleum Subtotal	*228.8*	*259.6*	*284.3*	*294.8*	*277.0*	*264.7*	*268.6*	*264.7*	*286.3*	*276.1*
Coal	1.4	2.1	1.8	1.8	1.8	1.7	1.5	1.5	1.5	1.5
Natural Gas	14.4	18.4	21.9	22.5	22.6	21.2	17.7	17.7	17.7	17.7
Industrial Subtotal	***244.7***	***280.1***	***308.0***	***319.1***	***301.4***	***287.6***	***287.8***	***283.9***	***305.5***	***295.3***
Transportation										
Lubricants	6.5	6.2	6.7	6.8	6.7	6.1	6.0	5.6	5.6	5.6
Total	**251.2**	**286.4**	**314.7**	**325.8**	**308.1**	**293.7**	**293.8**	**289.5**	**311.1**	**300.9**

P = preliminary data.
Notes: Emissions from nonfuel use of energy fuels are included in the energy consumption tables in this chapter. Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.

Table 14. U.S. Carbon Dioxide Emissions from Industrial Processes, 1990, 1995, and 1998-2005
(Million Metric Tons Carbon Dioxide)

Source	1990	1995	1998	1999	2000	2001	2002	2003	2004	P2005
Cement Manufacture										
Clinker Production	32.6	36.1	38.4	39.2	40.4	40.5	42.0	42.2	44.7	44.9
Masonry Cement	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cement Kiln Dust	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
Cement Subtotal	**33.3**	**36.9**	**39.3**	**40.1**	**41.3**	**41.5**	**43.0**	**43.2**	**45.7**	**45.9**
Other Industrial										
Limestone Consumption										
Lime Manufacture	12.4	14.5	15.8	15.5	15.4	14.8	14.1	15.1	15.7	15.7
Iron Smelting	1.7	1.2	1.1	1.0	1.1	1.0	0.9	0.9	1.0	0.7
Steelmaking	0.3	0.5	0.4	0.3	0.5	0.6	0.5	0.4	0.4	*
Copper Refining	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Glass Manufacture	0.1	0.3	0.0	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Flue Gas Desulfurization	0.7	0.9	1.0	1.1	1.2	1.4	1.4	1.3	1.4	1.5
Dolomite Manufacture	0.5	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Limestone Subtotal	***15.9***	***17.8***	***18.7***	***18.3***	***18.6***	***18.1***	***17.1***	***18.0***	***18.9***	***18.3***
Soda Ash Manufacture	3.4	3.8	3.8	3.7	3.6	3.6	3.5	3.6	3.8	3.9
Soda Ash Consumption										
Glass Manufacture	0.1	0.3	*	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Flue Gas Desulfurization	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Sodium Silicate	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3
Sodium Tripolyphosphate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Soda Ash Subtotal	***0.5***	***0.8***	***0.5***	***0.6***	***0.6***	***0.5***	***0.4***	***0.6***	***0.6***	***0.6***
Carbon Dioxide Manufacture	0.9	1.0	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6
Aluminum Manufacture	5.9	4.9	5.4	5.5	5.4	3.9	4.0	4.0	3.7	3.7
Shale Oil Production	0.2	*	*	*	*	*	*	*	*	*
Other Industrial Subtotal	**26.8**	**28.4**	**29.7**	**29.3**	**29.4**	**27.4**	**26.4**	**27.6**	**28.5**	**28.1**
Total	**60.1**	**65.3**	**69.0**	**69.4**	**70.7**	**68.9**	**69.4**	**70.8**	**74.2**	**74.0**

*Less than 50,000 metric tons carbon dioxide.
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 2004*, DOE/EIA-0573(2004) (Washington, DC, December 2005). Totals may not equal sum of components due to independent rounding.
Sources: EIA estimates presented in this chapter.