

QA: NA

MOL.20080414.0050

Table 3. State Emissions by Year (Million Metric Tons of Carbon Dioxide)

State Code	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AK	34.6	35.3	36.7	36.6	36.4	41.1	42.0	42.0	43.1	43.7	38.8	43.4	43.8	43.7	47.0
AL	108.6	112.5	119.3	124.4	122.3	130.0	134.8	131.4	130.3	132.7	139.0	131.6	136.9	136.6	140.3
AR	50.2	49.2	50.7	50.1	53.9	57.3	61.6	60.7	61.9	64.1	64.7	63.4	62.2	62.6	63.7
AZ	62.8	63.7	66.5	69.0	71.8	66.8	69.1	72.3	77.2	81.0	86.8	88.7	88.1	89.6	96.9
CA	364.5	351.5	355.5	345.8	362.8	351.7	349.9	352.3	362.1	366.0	381.6	387.7	384.1	394.8	398.9
CO	66.0	67.3	68.3	72.3	72.7	72.7	75.8	76.0	78.3	80.1	85.3	93.7	91.6	90.4	93.1
CT	41.0	40.2	40.6	38.7	38.0	37.2	40.9	44.1	41.6	42.9	44.2	41.8	40.2	42.5	45.5
DC	4.4	4.4	4.4	4.6	4.5	4.4	4.4	4.4	4.3	4.2	4.3	4.1	4.2	3.9	4.0
DE	17.7	17.9	17.5	19.0	18.3	17.3	18.0	16.7	16.1	16.3	16.7	16.3	16.1	16.8	16.9
FL	188.9	189.8	192.1	196.0	203.5	208.5	216.4	221.9	234.7	234.1	242.6	238.9	241.9	246.0	258.0
GA	139.2	132.3	131.9	142.0	144.9	153.0	156.6	157.7	158.6	161.1	169.5	162.0	166.9	169.8	175.7
HI	21.8	19.8	20.9	19.2	20.6	20.5	19.5	18.9	18.9	18.6	18.9	19.4	20.8	21.7	22.7
IA	63.1	65.0	63.7	67.9	69.1	72.4	74.7	74.2	78.1	79.3	80.6	79.6	80.3	79.3	81.8
ID	11.4	12.1	11.4	12.5	12.6	13.4	14.0	13.8	14.1	15.0	15.7	15.6	15.0	14.3	15.6
IL	199.2	200.6	196.9	214.2	214.9	218.4	229.3	233.3	223.7	234.0	241.5	232.3	235.4	236.4	244.5
IN	206.9	204.0	201.2	206.2	205.8	211.1	216.0	220.2	221.5	228.0	241.5	230.2	231.7	237.2	239.9
KS	69.6	68.2	65.9	71.3	71.6	68.9	75.0	72.0	71.0	74.7	76.5	72.1	76.4	79.9	77.8
KY	118.0	121.3	125.0	136.0	133.9	139.1	143.5	148.3	146.2	150.7	151.4	148.4	149.0	144.9	151.5
LA	178.9	173.5	179.7	181.9	186.4	186.7	179.1	182.0	168.5	168.5	190.7	180.3	190.1	177.1	180.5
MA	84.1	82.8	84.7	82.1	82.3	79.4	81.0	87.3	85.3	82.8	84.0	82.7	83.8	84.7	83.6
MD	70.2	69.2	67.2	69.7	70.8	70.1	72.3	72.5	75.4	78.1	77.8	77.2	77.2	79.5	80.6
ME	19.1	18.6	19.4	19.0	20.5	19.1	19.9	20.2	19.9	20.9	22.8	22.5	23.0	23.5	23.3
MI	182.3	181.8	180.7	181.7	189.8	192.3	198.1	195.8	194.6	202.7	198.2	191.1	189.8	186.5	189.9
MN	79.0	79.5	81.0	86.2	88.0	90.7	95.1	93.1	93.3	94.2	99.4	96.6	99.3	103.2	102.8
MO	104.6	103.2	102.8	101.6	109.2	116.2	121.9	125.5	130.1	130.8	125.8	130.7	131.8	138.5	139.8
MS	48.2	48.1	48.2	50.7	50.2	51.6	54.5	55.2	56.0	61.1	60.7	69.5	62.5	62.8	65.1
MT	27.7	28.8	30.1	28.1	30.8	30.4	27.6	29.6	31.6	32.3	31.4	32.8	30.9	33.0	35.1
NC	111.1	110.9	121.2	127.3	122.7	128.8	143.0	145.6	145.0	143.5	151.4	145.6	147.3	148.2	152.3
ND	44.6	45.6	47.3	47.7	48.1	48.0	48.9	47.5	48.7	49.7	51.1	52.1	51.7	51.2	49.9
NE	33.2	33.9	32.9	36.2	36.1	38.7	39.8	41.1	43.1	41.9	41.8	43.2	42.7	43.6	43.6
NH	14.7	14.4	14.5	15.0	15.1	15.2	16.2	17.6	17.6	17.7	18.4	16.9	17.6	20.7	22.0
NJ	115.1	115.2	122.2	119.1	128.9	128.1	124.1	125.9	121.0	125.0	124.8	124.2	124.1	125.2	128.6
NM	53.5	49.4	51.9	52.8	52.7	51.3	53.6	57.1	56.6	57.5	59.3	58.6	56.0	58.2	59.0
NV	30.6	32.5	33.5	34.1	36.3	35.5	38.1	38.0	40.8	41.4	45.5	44.9	41.8	43.7	47.9
NY	209.3	201.4	200.3	195.9	194.0	199.4	206.4	211.2	209.9	212.2	218.2	207.6	199.8	213.9	216.7
OH	246.1	244.1	249.1	254.9	251.3	253.3	265.5	261.1	259.9	259.2	266.2	255.2	260.7	268.1	263.6
OK	88.4	89.9	92.9	96.2	94.6	95.4	98.1	99.6	98.0	97.5	100.7	101.9	102.1	104.0	100.4
OR	30.8	34.6	35.8	36.0	37.5	34.8	36.8	36.3	42.1	43.3	41.8	41.9	40.4	40.7	42.5
PA	266.4	259.0	267.6	272.4	270.1	272.7	277.7	279.5	268.2	266.6	279.6	267.1	274.3	277.8	282.5
RI	8.9	10.8	13.1	10.9	12.9	12.1	13.5	13.6	13.9	13.2	11.7	12.3	11.8	11.4	11.0
SC	59.6	61.4	60.5	65.4	65.4	64.3	66.7	68.8	71.6	74.9	78.4	78.6	79.7	80.1	87.5

SD	11.9	11.6	11.7	12.5	13.1	12.9	12.8	13.3	12.9	13.6	14.3	13.6	14.0	13.8	14.0
TN	104.1	99.6	105.3	116.5	111.1	117.7	116.2	119.2	117.9	118.7	124.5	124.4	124.3	121.6	123.6
TX	553.0	548.2	553.8	562.8	562.5	564.7	615.2	636.3	643.8	626.4	654.1	644.7	675.4	676.2	652.5
UT	54.4	53.2	54.8	56.8	57.8	58.2	59.0	61.1	63.6	62.4	65.3	63.2	62.4	63.0	65.7
VA	95.0	96.6	97.9	102.6	101.5	103.6	108.6	110.8	112.6	114.7	123.7	121.9	120.6	124.5	129.0
VT	5.5	5.7	6.1	6.2	6.0	6.0	6.3	6.5	6.2	6.5	6.7	6.6	6.3	6.5	7.0
WA	70.4	71.6	79.7	75.7	80.3	77.9	80.3	78.5	82.3	83.5	83.1	84.9	78.0	79.4	82.9
WI	85.7	88.3	87.4	91.0	94.3	97.2	105.1	108.1	105.7	110.0	112.2	106.9	108.3	106.0	108.8
WV	107.6	97.7	99.7	101.1	108.7	106.9	105.7	109.0	112.6	113.5	112.8	105.3	117.9	114.8	113.0
WY	56.6	54.8	60.5	57.8	60.0	57.8	59.2	58.5	63.3	61.8	62.7	63.4	62.1	63.9	63.9
<b>Subtotal</b>	<b>5,018.7</b>	<b>4,971.0</b>	<b>5,061.7</b>	<b>5,173.3</b>	<b>5,246.9</b>	<b>5,300.8</b>	<b>5,487.7</b>	<b>5,565.6</b>	<b>5,593.5</b>	<b>5,652.5</b>	<b>5,838.8</b>	<b>5,737.3</b>	<b>5,792.2</b>	<b>5,855.7</b>	<b>5,942.2</b>
MSW	5.8	7.2	8.5	8.6	9.3	10.0	9.9	10.5	10.2	10.4	10.1	10.8	12.6	11.3	11.1
Geothermal	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4
<b>Total</b>	<b>5,024.9</b>	<b>4,978.6</b>	<b>5,070.5</b>	<b>5,182.3</b>	<b>5,256.6</b>	<b>5,311.2</b>	<b>5,498.0</b>	<b>5,576.5</b>	<b>5,604.2</b>	<b>5,663.3</b>	<b>5,849.3</b>	<b>5,748.4</b>	<b>5,805.2</b>	<b>5,867.4</b>	<b>5,953.7</b>
Balancing Item	-13.3	-14.1	-7.6	-14.1	-10.6	-10.6	-10.4	-7.4	1.9	5.4	-2.0	0.7	7.8	-1.9	3.6
<b>Inventory Total</b>	<b>5,011.6</b>	<b>4,964.5</b>	<b>5,063.0</b>	<b>5,168.2</b>	<b>5,246.0</b>	<b>5,300.6</b>	<b>5,487.6</b>	<b>5,569.1</b>	<b>5,606.1</b>	<b>5,668.6</b>	<b>5,847.2</b>	<b>5,749.1</b>	<b>5,813.0</b>	<b>5,865.5</b>	<b>5,957.4</b>

QA: NA



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**U. S. Emissions Data**

**Greenhouse Gas Emissions**

- (CO<sub>2</sub>) - History from 1949
- CO<sub>2</sub> from Manufacturing
- Carbon Dioxide (CO<sub>2</sub>)
- Methane (CH<sub>4</sub>)
- Nitrous Oxide (N<sub>2</sub>O)
- Other Gases

**Electric Power Plant Emissions**

- CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>

**Environmental Equipment**

- Number of Generators & Capacity
- Average FGD (Scrubber) Costs

**Carbon Emission Factors**

- Gallons & Barrels
- Quadrillion (10<sup>15</sup>) BTU

**State Carbon Dioxide Emissions**

- By Fuel
- By Energy Sectors
- Summary
- State Methodology
- Emissions Detail by State

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**International Emissions Data**

**Energy-Related Carbon Emissions**

- Total Emissions

**Greenhouse Gas Reporting**

Revised reporting Form and Instructions  
**Voluntary Reporting of Greenhouse Gases**  
complete program information  
**Emissions Inventory Report**

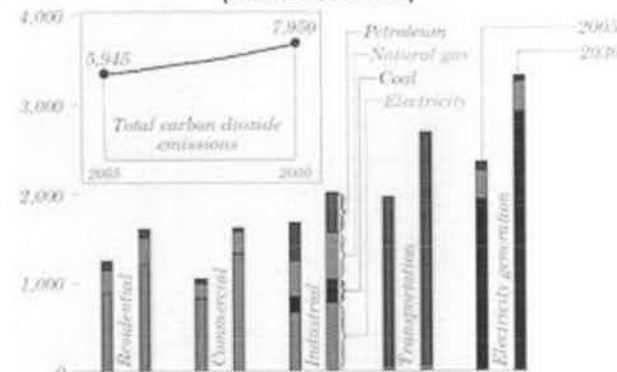
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**Emissions Forecasts**

**Annual Energy Outlook Emissions Projections US**  
projections to 2030 12/12/07  
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**Projections** International projections to 2030 6/20/07

**U.S. Carbon Dioxide Emissions**  
By sector and fuel for 2005 actual and 2030 projected  
(million metric tons)








**News & Recent Reports**

- Emissions of Greenhouse Gases 2006 November 2007
- Voluntary Reporting of Greenhouse Gases, 2005: Summary December 2006

**References**

- Energy Basics 101
- Energy Kid's Page
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