

**Table 12.1 Carbon Dioxide Emissions From Energy Consumption by Source**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal <sup>b</sup>	Natural Gas <sup>c</sup>	Petroleum										Total <sup>h,i</sup>	
			Aviation Gasoline	Distillate Fuel Oil <sup>d</sup>	Jet Fuel	Kero-sene	LPG <sup>e</sup>	Lubri-cants	Motor Gasoline <sup>f</sup>	Petroleum Coke	Residual Fuel Oil	Other <sup>g</sup>		Total
<b>1973 Total</b> .....	<b>1,207</b>	<b>1,181</b>	<b>6</b>	<b>480</b>	<b>155</b>	<b>32</b>	<b>91</b>	<b>13</b>	<b>911</b>	<b>51</b>	<b>508</b>	<b>100</b>	<b>2,346</b>	<b>4,733</b>
<b>1975 Total</b> .....	<b>1,181</b>	<b>1,047</b>	<b>5</b>	<b>443</b>	<b>146</b>	<b>24</b>	<b>82</b>	<b>11</b>	<b>911</b>	<b>48</b>	<b>443</b>	<b>97</b>	<b>2,209</b>	<b>4,437</b>
<b>1980 Total</b> .....	<b>1,436</b>	<b>1,063</b>	<b>4</b>	<b>446</b>	<b>156</b>	<b>24</b>	<b>87</b>	<b>13</b>	<b>900</b>	<b>46</b>	<b>453</b>	<b>142</b>	<b>2,272</b>	<b>4,770</b>
<b>1985 Total</b> .....	<b>1,638</b>	<b>926</b>	<b>3</b>	<b>445</b>	<b>178</b>	<b>17</b>	<b>86</b>	<b>12</b>	<b>930</b>	<b>55</b>	<b>216</b>	<b>93</b>	<b>2,035</b>	<b>4,600</b>
<b>1990 Total</b> .....	<b>1,821</b>	<b>1,025</b>	<b>3</b>	<b>470</b>	<b>223</b>	<b>6</b>	<b>69</b>	<b>13</b>	<b>988</b>	<b>67</b>	<b>220</b>	<b>127</b>	<b>2,187</b>	<b>5,039</b>
<b>1995 Total</b> .....	<b>1,913</b>	<b>1,184</b>	<b>3</b>	<b>498</b>	<b>222</b>	<b>8</b>	<b>78</b>	<b>13</b>	<b>1,044</b>	<b>75</b>	<b>152</b>	<b>114</b>	<b>2,207</b>	<b>5,314</b>
<b>1996 Total</b> .....	<b>1,995</b>	<b>1,205</b>	<b>3</b>	<b>524</b>	<b>232</b>	<b>9</b>	<b>84</b>	<b>12</b>	<b>1,063</b>	<b>78</b>	<b>152</b>	<b>132</b>	<b>2,290</b>	<b>5,501</b>
<b>1997 Total</b> .....	<b>2,040</b>	<b>1,211</b>	<b>3</b>	<b>534</b>	<b>234</b>	<b>10</b>	<b>85</b>	<b>13</b>	<b>1,075</b>	<b>79</b>	<b>142</b>	<b>138</b>	<b>2,313</b>	<b>5,575</b>
<b>1998 Total</b> .....	<b>2,064</b>	<b>1,189</b>	<b>2</b>	<b>538</b>	<b>238</b>	<b>12</b>	<b>75</b>	<b>14</b>	<b>1,107</b>	<b>89</b>	<b>158</b>	<b>125</b>	<b>2,358</b>	<b>5,622</b>
<b>1999 Total</b> .....	<b>2,062</b>	<b>1,192</b>	<b>3</b>	<b>555</b>	<b>245</b>	<b>11</b>	<b>91</b>	<b>14</b>	<b>1,127</b>	<b>93</b>	<b>148</b>	<b>130</b>	<b>2,417</b>	<b>5,682</b>
<b>2000 Total</b> .....	<b>2,155</b>	<b>1,241</b>	<b>3</b>	<b>580</b>	<b>254</b>	<b>10</b>	<b>102</b>	<b>14</b>	<b>1,135</b>	<b>84</b>	<b>163</b>	<b>117</b>	<b>2,461</b>	<b>5,867</b>
<b>2001 Total</b> .....	<b>2,088</b>	<b>1,187</b>	<b>2</b>	<b>598</b>	<b>243</b>	<b>11</b>	<b>92</b>	<b>13</b>	<b>1,151</b>	<b>88</b>	<b>145</b>	<b>132</b>	<b>2,473</b>	<b>5,759</b>
<b>2002 Total</b> .....	<b>2,095</b>	<b>1,227</b>	<b>2</b>	<b>587</b>	<b>237</b>	<b>6</b>	<b>98</b>	<b>12</b>	<b>1,183</b>	<b>94</b>	<b>125</b>	<b>127</b>	<b>2,472</b>	<b>5,806</b>
<b>2003 Total</b> .....	<b>2,136</b>	<b>1,191</b>	<b>2</b>	<b>610</b>	<b>231</b>	<b>8</b>	<b>95</b>	<b>11</b>	<b>1,188</b>	<b>94</b>	<b>138</b>	<b>140</b>	<b>2,518</b>	<b>5,857</b>
<b>2004 Total</b> .....	<b>2,160</b>	<b>1,195</b>	<b>2</b>	<b>632</b>	<b>240</b>	<b>10</b>	<b>98</b>	<b>12</b>	<b>1,214</b>	<b>105</b>	<b>155</b>	<b>142</b>	<b>2,609</b>	<b>5,975</b>
<b>2005 Total</b> .....	<b>2,182</b>	<b>1,175</b>	<b>2</b>	<b>640</b>	<b>246</b>	<b>10</b>	<b>94</b>	<b>12</b>	<b>1,214</b>	<b>105</b>	<b>164</b>	<b>141</b>	<b>2,628</b>	<b>5,997</b>
<b>2006 Total</b> .....	<b>2,147</b>	<b>1,158</b>	<b>2</b>	<b>648</b>	<b>240</b>	<b>8</b>	<b>93</b>	<b>11</b>	<b>1,224</b>	<b>104</b>	<b>122</b>	<b>150</b>	<b>2,603</b>	<b>5,919</b>
<b>2007 Total</b> .....	<b>2,172</b>	<b>1,233</b>	<b>2</b>	<b>652</b>	<b>238</b>	<b>5</b>	<b>94</b>	<b>12</b>	<b>1,227</b>	<b>98</b>	<b>129</b>	<b>148</b>	<b>2,603</b>	<b>6,020</b>
<b>2008 Total</b> .....	<b>2,139</b>	<b>1,243</b>	<b>2</b>	<b>615</b>	<b>226</b>	<b>2</b>	<b>89</b>	<b>11</b>	<b>1,166</b>	<b>92</b>	<b>111</b>	<b>130</b>	<b>2,444</b>	<b>5,838</b>
<b>2009 Total</b> .....	<b>1,876</b>	<b>1,222</b>	<b>2</b>	<b>564</b>	<b>204</b>	<b>3</b>	<b>91</b>	<b>10</b>	<b>1,157</b>	<b>87</b>	<b>91</b>	<b>111</b>	<b>2,320</b>	<b>5,429</b>
<b>2010</b>														
January .....	182	149	(s)	49	17	(s)	10	1	92	5	9	9	193	524
February .....	163	131	(s)	46	15	(s)	9	1	84	5	7	9	176	471
March .....	156	113	(s)	51	18	(s)	8	1	95	7	8	11	200	470
April .....	138	88	(s)	48	17	(s)	7	1	96	6	9	11	194	422
May .....	155	84	(s)	48	18	(s)	7	1	99	6	8	10	197	437
June .....	176	86	(s)	48	19	(s)	7	1	97	7	7	10	196	459
July .....	190	96	(s)	47	19	(s)	7	1	101	7	9	10	200	487
August .....	190	99	(s)	50	19	(s)	7	1	100	8	7	11	203	493
September .....	161	86	(s)	50	18	(s)	7	1	96	7	8	10	196	444
October .....	145	87	(s)	50	18	(s)	8	1	97	6	7	9	196	429
November .....	148	103	(s)	49	17	1	8	1	92	7	8	9	191	444
December .....	178	143	(s)	55	17	1	11	1	96	6	8	10	205	528
<b>Total</b> .....	<b>1,982</b>	<b>1,265</b>	<b>2</b>	<b>590</b>	<b>210</b>	<b>3</b>	<b>94</b>	<b>11</b>	<b>1,146</b>	<b>77</b>	<b>96</b>	<b>120</b>	<b>2,349</b>	<b>5,607</b>
<b>2011</b>														
January .....	179	R 153	(s)	52	17	(s)	R 11	1	91	6	9	10	R 197	R 530
February .....	148	R 130	(s)	R 47	15	1	R 9	1	84	R 5	R 8	R 8	R 176	R 455
March .....	147	118	(s)	53	17	(s)	R 9	1	95	6	R 7	R 11	R 201	R 467
April .....	135	97	(s)	R 48	R 18	(s)	R 7	1	92	6	R 7	10	R 189	421
May .....	148	88	(s)	R 49	18	(s)	7	1	95	7	7	R 8	192	R 429
June .....	167	87	(s)	50	19	(s)	R 7	1	R 95	R 6	7	R 9	193	449
July .....	185	100	(s)	R 47	18	(s)	7	1	R 98	6	5	11	R 194	R 480
August .....	182	99	(s)	R 53	19	(s)	R 8	1	96	8	5	10	R 201	R 483
September .....	153	87	(s)	50	17	(s)	7	1	92	6	7	R 10	R 190	R 431
October .....	140	R 92	(s)	R 53	17	(s)	8	1	93	7	6	R 10	R 195	R 428
November .....	135	107	(s)	52	17	(s)	8	1	89	6	6	R 11	R 191	R 434
December .....	148	134	(s)	R 51	17	(s)	R 10	1	R 94	R 4	8	10	193	476
<b>Total</b> .....	<b>R 1,866</b>	<b>R 1,293</b>	<b>2</b>	<b>R 603</b>	<b>209</b>	<b>2</b>	<b>R 97</b>	<b>10</b>	<b>R 1,113</b>	<b>R 74</b>	<b>R 82</b>	<b>R 118</b>	<b>R 2,311</b>	<b>R 5,482</b>
<b>2012</b>														
January .....	142	146	(s)	50	16	(s)	9	1	89	6	6	10	189	477
February .....	127	133	(s)	49	16	(s)	8	1	87	5	6	10	182	443
March .....	118	112	(s)	49	17	(s)	8	1	93	6	6	9	190	421
April .....	R 107	103	(s)	47	16	(s)	7	1	92	6	6	9	184	R 395
May .....	128	98	(s)	49	18	(s)	8	1	97	6	4	9	193	420
June .....	143	98	(s)	47	19	(s)	7	1	94	6	5	10	190	432
<b>6-Month Total</b> .....	<b>765</b>	<b>690</b>	<b>1</b>	<b>291</b>	<b>102</b>	<b>(s)</b>	<b>48</b>	<b>5</b>	<b>553</b>	<b>35</b>	<b>34</b>	<b>58</b>	<b>1,127</b>	<b>2,588</b>
<b>2011 6-Month Total</b> .....	<b>923</b>	<b>674</b>	<b>1</b>	<b>299</b>	<b>103</b>	<b>1</b>	<b>49</b>	<b>5</b>	<b>552</b>	<b>37</b>	<b>45</b>	<b>56</b>	<b>1,148</b>	<b>2,751</b>
<b>2010 6-Month Total</b> .....	<b>969</b>	<b>651</b>	<b>1</b>	<b>289</b>	<b>103</b>	<b>1</b>	<b>48</b>	<b>5</b>	<b>564</b>	<b>37</b>	<b>48</b>	<b>60</b>	<b>1,157</b>	<b>2,783</b>

<sup>a</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.  
<sup>b</sup> Includes coal coke net imports.  
<sup>c</sup> Natural gas, excluding supplemental gaseous fuels.  
<sup>d</sup> Distillate fuel oil, excluding biodiesel.  
<sup>e</sup> Liquefied petroleum gases.  
<sup>f</sup> Finished motor gasoline, excluding fuel ethanol.  
<sup>g</sup> Aviation gasoline blending components, crude oil, motor gasoline blending components, pentanes plus, petrochemical feedstocks, special naphthas, still gas, unfinished oils, waxes, and miscellaneous petroleum products.  
<sup>h</sup> Includes electric power sector use of geothermal energy and non-biomass waste. See Table 12.6.  
<sup>i</sup> Excludes emissions from biomass energy consumption. See Table 12.7.

R=Revised. (s)=Less than 0.5 million metric tons.  
 Notes: • Data are estimates for carbon dioxide emissions from energy consumption, including the nonfuel use of fossil fuels. See "Section 12 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 12.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.  
 Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#environment> for all available data beginning in 1973.  
 Sources: See end of section.