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Emissions of Greenhouse Gases in the United States 2009

**Table 22. U.S. nitrous oxide emissions, 1990-2009
 (million metric tons carbon dioxide equivalent)**

Source	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Agriculture										
Nitrogen fertilization of soils	128.6	126.2	122.9	123.5	132.9	135.5	136.1	140.2	139.4	139.6
Solid waste of animals	19.6	20.6	20.8	20.5	20.6	20.8	21.2	21.3	21.2	20.8
Crop residue burning	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.6
<i>Agriculture subtotal</i>	<i>148.7</i>	<i>147.2</i>	<i>144.3</i>	<i>144.5</i>	<i>154.1</i>	<i>156.9</i>	<i>157.8</i>	<i>162.1</i>	<i>161.1</i>	<i>161.0</i>
Energy										
Mobile combustion	26.3	37.3	36.4	33.9	34.1	32.4	31.8	31.7	30.0	28.8
Stationary combustion	13.9	14.5	15.7	15.3	15.6	15.7	15.4	15.6	15.1	13.6
<i>Energy subtotal</i>	<i>40.2</i>	<i>51.8</i>	<i>52.1</i>	<i>49.2</i>	<i>49.7</i>	<i>48.2</i>	<i>47.2</i>	<i>47.3</i>	<i>45.1</i>	<i>42.5</i>
Industry	28.5	32.8	16.7	13.3	13.3	13.6	13.6	14.1	12.1	10.8
Waste management										
Human sewage in wastewater	3.6	4.0	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.8
Waste combustion	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
<i>Waste management subtotal</i>	<i>4.0</i>	<i>4.3</i>	<i>4.7</i>	<i>4.8</i>	<i>4.9</i>	<i>5.0</i>	<i>5.1</i>	<i>5.2</i>	<i>5.2</i>	<i>5.3</i>
Total nitrous oxide	221.4	236.2	217.8	211.8	222.0	223.6	223.7	228.6	223.5	219.6

Note: Totals may not equal sum of components due to independent rounding.