

Table 25. U.S. Nitrous Oxide Emissions from Mobile Combustion, 1990 and 1995-2003

Item	1990	1995	1996	1997	1998	1999	2000	2001	2002	P2003
Thousand Metric Tons Nitrous Oxide										
Motor Vehicles										
Passenger Cars	85	100	100	98	102	102	100	97	96	96
Buses	*	*	*	*	*	*	*	*	*	*
Motorcycles.....	*	*	*	*	*	*	*	*	*	*
Light-Duty Trucks	35	56	58	58	59	60	59	59	60	61
Other Trucks.....	6	7	7	8	8	8	8	8	8	8
Total.....	127	163	166	164	170	170	168	165	164	166
Other Mobile Sources.....	12	12	13	12	12	13	13	13	12	12
Total.....	139	175	179	176	182	182	182	177	177	178
Million Metric Tons Carbon Dioxide Equivalent										
Motor Vehicles										
Passenger Cars	25.2	29.5	29.7	28.9	30.1	30.1	29.7	28.8	28.4	28.4
Buses	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Motorcycles.....	*	*	*	*	*	*	*	*	*	*
Light-Duty Trucks	10.4	16.5	17.1	17.2	17.6	17.6	17.6	17.4	17.8	18.2
Other Trucks.....	1.7	2.1	2.2	2.3	2.3	2.4	2.4	2.5	2.3	2.3
Total.....	37.4	48.2	49.1	48.5	50.2	50.3	49.9	48.8	48.6	49.0
Other Mobile Sources.....	3.6	3.6	3.7	3.6	3.6	3.7	3.9	3.7	3.7	3.7
Total.....	41.1	51.9	52.9	52.1	53.8	54.0	53.8	52.5	52.3	52.7

*Less than 500 metric tons nitrous oxide or less than 50,000 metric tons carbon dioxide equivalent.

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 2002*, DOE/EIA-0573(2002) (Washington, DC, October 2003). Totals may not equal sum of components due to independent rounding.

Sources: Calculations based on vehicle miles traveled from U.S. Department of Transportation, *Federal Highway Statistics* (various years), Table VM-1, and current year preliminary estimates calculated using growth rates from EIA, *Short-Term Energy Outlook* (various years). Other Mobile Sources calculations based on Oak Ridge National Laboratory, *Transportation Energy Data Book*; EIA, *Fuel Oil and Kerosene Sales*, *State Energy Data Report*, and *Petroleum Supply Annual* (various years). Passenger car and light-duty truck emissions coefficients from U.S. Environmental Protection Agency, Office of Air and Radiation, *Emissions of Nitrous Oxide From Highway Mobile Sources: Comments on the Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks, 1990-1996*, EPA-420-R-98-009 (Washington DC, August 1998). Emissions coefficients from Intergovernmental Panel on Climate Change, *Greenhouse Gas Inventory Reference Manual: Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*, Vol. 3 (Paris, France, 1997), pp. 1.64-1.68, web site www.ipcc.ch/pub/guide.htm.