

Table 19. U.S. Methane Emissions from Mobile Sources, 1990 and 1995-2003

Source	1990	1995	1996	1997	1998	1999	2000	2001	2002	P2003
Thousand Metric Tons Methane										
Motor Vehicles										
Passenger Cars	143	111	107	106	96	96	94	91	90	83
Buses	1	1	1	1	1	1	1	1	1	1
Motorcycles	4	4	4	4	4	4	4	4	4	4
Light-Duty Trucks	61	68	68	72	68	67	66	64	64	63
Other Trucks	12	14	15	15	16	16	17	17	16	16
Total	220	199	195	199	186	185	182	177	176	167
Other Transport	23	23	23	21	21	21	23	21	21	21
Total Transport	243	221	217	221	206	206	204	198	197	188
Thousand Metric Tons Carbon Dioxide Equivalent										
Motor Vehicles										
Passenger Cars	3,284	2,557	2,450	2,447	2,217	2,201	2,156	2,093	2,070	1,900
Buses	21	24	24	25	26	28	28	26	29	29
Motorcycles	92	94	95	97	99	102	101	92	98	98
Light-Duty Trucks	1,402	1,564	1,566	1,654	1,566	1,540	1,512	1,471	1,481	1,456
Other Trucks	271	330	339	354	363	375	380	384	363	363
Total	5,070	4,569	4,475	4,578	4,271	4,246	4,178	4,067	4,041	3,846
Other Transport	525	521	518	494	473	494	519	489	484	483
Total Transport	5,596	5,090	4,993	5,072	4,745	4,740	4,696	4,556	4,525	4,329

P = preliminary data.

Note: 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).

Sources: For passenger cars and light-duty trucks, 1990-2000 vehicle miles traveled (VMT) data are based on 2002 data on vehicle stocks provided by R.L. & Polk Co., with VMT modified by Oak Ridge National Laboratory (ORNL), *Transportation Energy Data Book: Edition 23* (Oak Ridge, TN, October 2003), Chapter 7. 1996-2000 data were further adjusted using fleet data and survival curves for the population of aging vehicles. For years after 2000, emissions data are based on fleet data, econometrically modeled VMT, and survival curves for the population of aging vehicles. Calculations for buses, motorcycles, and other trucks are based on VMT from Federal Highway Administration, U.S. Department of Transportation, *Federal Highway Statistics*, Table VM-1 (various years). Vehicle emissions coefficients are 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. 1.65-1.75, web site www.ipcc.ch/pub/guide.htm. Fuel consumption data for non-highway sources are from Energy Information Administration, *Fuel Oil and Kerosene Sales*, DOE/EIA-0535 (Washington, DC, various years); *Petroleum Supply Annual*, DOE/EIA-0340 (Washington, DC, various years), and ORNL, *Transportation Energy Data Book: Edition 23* (Oak Ridge, TN, October 2003), Chapter 9, web site <http://www.cta.ornl.gov/data/chapter9.html>.