Table 17. U.S. Methane Emissions from Stationary Combustion Sources, 1990-2002

Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	P2002
	Thousand Metric Tons Methane												
Residential													
Coal	*	*	*	*	*	*	*	*	*	*	*	*	*
Fuel Oil[a]	5	5	5	5	5	5	5	4	4	4	5	5	5
Natural Gas	4	5	5	5	5	5	5	5	4	5	5	5	5
LPG	*	*	*	*	*	*	1	1	1	1	1	1	1
Wood	512	541	569	483	474	526	525	382	341	365	382	359	309
Total	**522**	**550**	**579**	**493**	**484**	**535**	**535**	**392**	**350**	**374**	**392**	**369**	**319**
Commercial													
Coal	1	1	1	1	1	1	1	1	1	1	1	1	1
Fuel Oil[a]	1	1	1	1	1	1	1	*	*	*	*	*	*
Natural Gas	3	3	3	3	3	4	4	4	4	4	4	4	4
LPG	*	*	*	*	*	*	*	*	*	*	*	*	*
Wood	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	**5**	**5**	**5**	**5**	**5**	**5**	**6**	**6**	**5**	**5**	**5**	**5**	**5**
Industrial													
Coal	7	6	6	6	6	6	6	6	5	5	5	5	5
Fuel Oil[a]	1	1	1	1	1	1	1	1	1	1	1	1	1
Natural Gas	11	12	12	12	12	13	13	13	13	13	13	12	11
LPG	2	2	3	2	3	3	3	3	3	3	3	3	3
Wood	4	4	4	4	4	4	5	5	4	4	4	4	4
Total	**25**	**25**	**26**	**26**	**27**	**27**	**28**	**28**	**26**	**26**	**26**	**25**	**24**
Electric Power													
Coal	10	10	10	10	10	11	11	11	12	12	12	12	12
Fuel Oil[a]	1	1	1	1	1	*	*	1	1	1	1	1	*
Natural Gas	*	*	*	*	*	*	*	*	*	*	1	1	1
Wood	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	**11**	**11**	**11**	**11**	**11**	**11**	**12**	**12**	**13**	**13**	**13**	**13**	**13**
Total All Fuels													
Coal	18	17	17	18	18	18	18	18	18	18	18	18	18
Fuel Oil[a]	8	7	7	8	7	7	7	6	6	6	7	6	6
Natural Gas	19	20	20	21	21	22	23	23	22	21	22	21	21
LPG	3	3	3	3	3	3	4	4	3	4	4	4	4
Wood	516	544	573	487	478	530	529	387	346	370	386	363	313
Total	**564**	**591**	**621**	**536**	**527**	**579**	**580**	**437**	**394**	**419**	**437**	**412**	**361**

*Less than 500 metric tons of methane.
P = preliminary data.
[a]Fuel oil use in the residential sector consists of distillate fuel only. In the other sectors it includes both distillate and residual fuel oil.
See notes and sources at end of table.

Table 17. U.S. Methane Emissions from Stationary Combustion Sources, 1990-2002 (Continued)

Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	P2002
	Thousand Metric Tons Carbon Dioxide Equivalent												
Residential													
Coal	*	*	*	*	*	*	*	*	*	*	*	*	*
Fuel Oil[a]	113	108	113	113	111	105	107	101	89	96	105	105	104
Natural Gas	100	104	107	112	110	110	119	113	103	107	113	109	112
LPG	10	10	10	11	11	11	13	12	12	14	15	14	15
Wood	11,783	12,432	13,081	11,114	10,891	12,087	12,067	8,782	7,849	8,396	8,782	8,254	7,098
Total	**12,006**	**12,654**	**13,312**	**11,350**	**11,123**	**12,313**	**12,306**	**9,008**	**8,053**	**8,613**	**9,014**	**8,482**	**7,329**
Commercial													
Coal	30	27	27	28	27	27	28	30	21	24	21	22	22
Fuel Oil[a]	16	15	14	13	13	12	12	10	9	9	10	10	10
Natural Gas	72	75	77	78	79	82	86	87	82	83	87	83	85
LPG	2	2	2	2	2	2	2	2	2	3	3	3	3
Wood	3	3	3	3	3	3	3	3	3	4	4	3	3
Total	**122**	**122**	**123**	**124**	**124**	**126**	**132**	**133**	**118**	**122**	**125**	**120**	**123**
Industrial													
Coal	151	142	137	136	137	136	133	130	122	119	121	124	116
Fuel Oil[a]	32	27	30	34	32	27	27	24	20	18	21	18	20
Natural Gas	263	266	277	282	283	298	307	308	303	291	295	269	264
LPG	51	55	59	57	63	64	66	68	65	71	72	65	69
Wood	89	87	90	91	97	102	104	107	99	100	101	89	93
Total	**585**	**577**	**593**	**600**	**613**	**626**	**637**	**637**	**608**	**599**	**609**	**565**	**561**
Electric Power													
Coal	225	226	229	239	240	242	256	262	267	268	281	273	277
Fuel Oil[a]	19	18	14	16	14	9	10	12	17	16	14	16	*
Natural Gas	7	8	8	8	9	10	9	9	10	11	12	12	13
Wood	1	1	1	*	*	*	*	*	*	*	*	*	*
Total	252	251	251	262	262	261	274	283	294	294	306	301	290
Total All Fuels													
Coal	406	395	393	403	404	405	417	423	410	410	422	419	416
Fuel Oil[a]	180	167	172	175	171	152	156	147	135	138	150	149	131
Natural Gas	442	452	468	480	481	500	521	518	499	492	507	472	473
LPG	62	68	71	69	76	77	81	82	78	88	90	82	87
Wood	11,875	12,522	13,175	11,208	10,991	12,192	12,174	8,891	7,951	8,499	8,886	8,346	7,194
Total	**12,965**	**13,604**	**14,279**	**12,336**	**12,123**	**13,326**	**13,348**	**10,061**	**9,073**	**9,628**	**10,054**	**9,468**	**8,302**

*Less than 500 metric tons carbon dioxide equivalent.

P = preliminary data.

[a]Fuel oil use in the residential sector consists of distillate fuel only. In the other sectors it includes both distillate and residual fuel oil.

Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2001*, DOE/EIA-0573(2001) (Washington, DC, December 2002). Totals may not equal sum of components due to independent rounding.

Sources: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, *Compilation of Air Pollutant Emission Factors*, AP-42, web site www.epa.gov/ttn/chief; Intergovernmental Panel on Climate Change, *Greenhouse Gas Inventory Reference Manual: Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*, Vol. 3 (Paris, France, 1997), web site www.ipcc.ch/pub/guide.htm; and Energy Information Administration, *State Energy Data Report*, DOE/EIA-0214 (Washington, DC, various years), *Monthly Energy Review*, DOE/EIA-0035(2003/07) (Washington, DC, July 2003), and *Annual Energy Review*, DOE/EIA-0384(2001) (Washington, DC, various years).