

1.2.3 2002 Residential Energy End-Use Splits, by Fuel Type (quads)

	Natural	Fuel	Other	Renw.	Site	Site		Primary	Primary		
	Gas	Oil	LPG	Fuel(1)	En.(2)	Electric	Total	Percent	Electric (3)	Total	Percent
Space Heating (4)	3.54	0.77	0.30	0.08	0.40	0.48	5.56	49.2%	1.54	6.62	31.7%
Water Heating	1.15	0.12	0.05		0.02	0.41	1.75	15.5%	1.32	2.66	12.7%
Space Cooling	0.00					0.80	0.80	7.1%	2.59	2.59	12.4%
Lighting						0.77	0.77	6.8%	2.47	2.47	11.8%
Refrigeration (5)						0.56	0.56	4.9%	1.80	1.80	8.6%
Wet Clean (6)	0.07					0.29	0.36	3.2%	0.94	1.01	4.8%
Electronics (7)						0.31	0.31	2.8%	1.00	1.00	4.8%
Cooking	0.21		0.03			0.22	0.46	4.0%	0.71	0.94	4.5%
Computers						0.06	0.06	0.6%	0.21	0.21	1.0%
Other (8)	0.10	0.00	0.15		0.00	0.18	0.42	3.7%	0.58	0.82	3.9%
Adjust to SEDS (9)						0.24	0.24	2.2%	0.79	0.79	3.8%
Total	5.06	0.89	0.53	0.08	0.42	4.33	11.30	100%	13.93	20.91	100%

Note(s): 1) Kerosene (0.07 quad) and coal (0.01 quad) are assumed attributable to space heating. 2) Comprised of (0.39 quad) wood space heating, (0.02 quad) solar water heating, (less than 0.01 quad) geothermal space heating, and (less than 0.01 quad) solar pv. 3) Site-to-source electricity conversion (due to generation and transmission losses) = 3.22. 4) Includes (0.25 quad) furnace fans. 5) Includes (1.37 quad) refrigerators and (0.43 quad) freezers. 6) Includes (0.10 quad) clothes washers, (0.07 quad) natural gas clothes dryers, (0.76 quad) electric clothes dryers, and (0.08 quad) dishwashers. Does not include water heating energy. 7) Includes (0.40 quad) color television and (1.61 quad) other office equipment. 8) Includes small electric devices, heating elements, motors, swimming pool heaters, hot tub heaters, outdoor grills and natural gas outdoor lighting. 10) Energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the residential buildings sector, but not directly to specific end-uses.

Source(s): EIA, AEO 2004, Jan. 2004, Tables A2, p. 134-136, Table A4, p. 139-140 and Table A18, p. 157; and BTS/A.D. Little, Electricity Consumption by Small End-Uses in Residential Buildings, Aug. 1998, Appendix A for residential electric end-uses.