

2.1.5 2010 Residential Energy End-Use Splits, by Fuel Type (Quadrillion Btu)

	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)	3.50	0.53	0.30	0.04	0.43	0.44	5.23	44.7%	1.35	6.15	27.8%
Water Heating	1.29	0.10	0.07		0.01	0.45	1.92	16.4%	1.38	2.86	12.9%
Space Cooling	0.00					1.08	1.08	9.2%	3.34	3.34	15.1%
Lighting						0.69	0.69	5.9%	2.13	2.13	9.7%
Refrigeration (6)						0.45	0.45	3.9%	1.41	1.41	6.4%
Electronics (5)						0.54	0.54	4.7%	1.68	1.68	7.6%
Wet Cleaning (7)	0.06					0.33	0.38	3.3%	1.01	1.06	4.8%
Cooking	0.22		0.03			0.18	0.43	3.7%	0.57	0.81	3.7%
Computers						0.17	0.17	1.5%	0.53	0.53	2.4%
Other (8)	0.00		0.16		0.01	0.20	0.37	3.2%	0.63	0.80	3.6%
Adjust to SEDS (9)						0.42	0.42	3.6%	1.29	1.29	5.8%
Total	5.06	0.63	0.56	0.04	0.45	4.95	11.69	100%	15.34	22.07	100%

Note(s): 1) Kerosene and coal are assumed attributable to space heating. 2) Comprised of wood space heating (0.42 quad), solar water heating (0.01 quad), geothermal space heating (less than 0.01 quad), and solar PV (0.01 quad). 3) Site-to-source electricity conversion (due to generation and transmission losses) = 3.10. 4) Includes furnace fans (0.13 quad). 5) Includes color television (0.33 quad). 6) Includes refrigerators (0.37 quad) and freezers (0.08 quad). 7) Includes clothes washers (0.03 quad), natural gas clothes dryers (0.06 quad), electric clothes dryers (0.19 quad), and dishwashers (0.10 quad). Does not include water heating energy. 8) Includes small electric devices, heating elements, motors, swimming pool heaters, hot tub heaters, outdoor grills, and natural gas outdoor lighting. 9) Energy adjustment that EIA uses to relieve discrepancies between data sources. Refers to energy attributable to the residential buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2012 Early Release, Jan. 2012, Table A2, p. 2-5 and Table A4, p. 9-12; BTS/A.D. Little, Electricity Consumption by Small End-Uses in Residential Buildings, Aug. 1998, Appendix A, for residential electric end-uses.