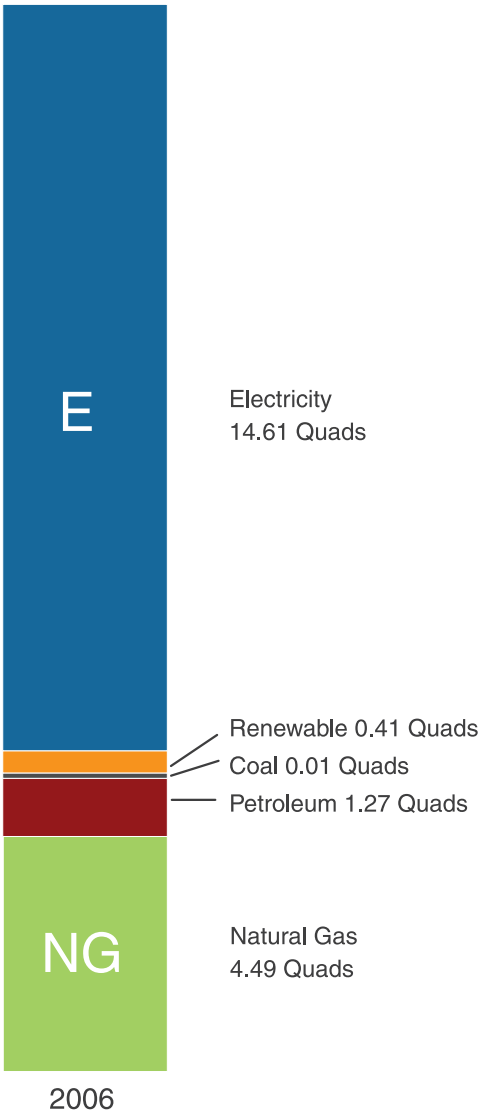
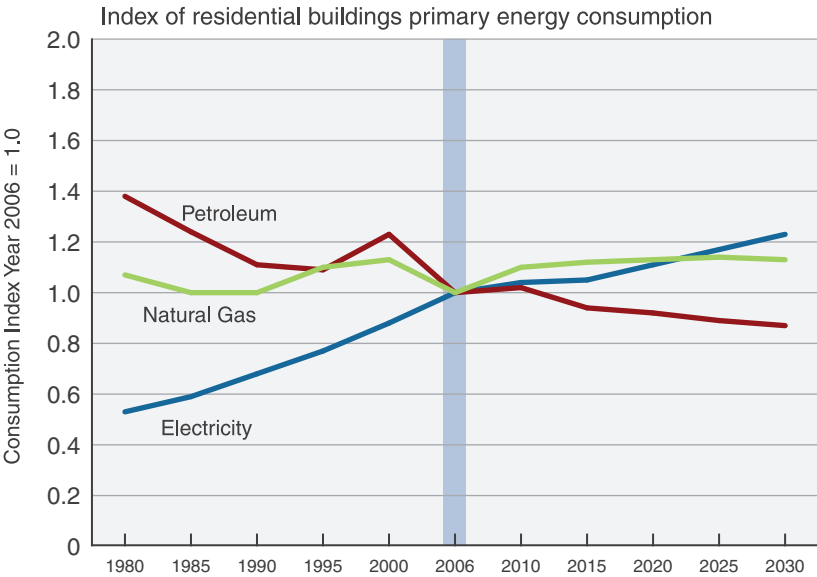


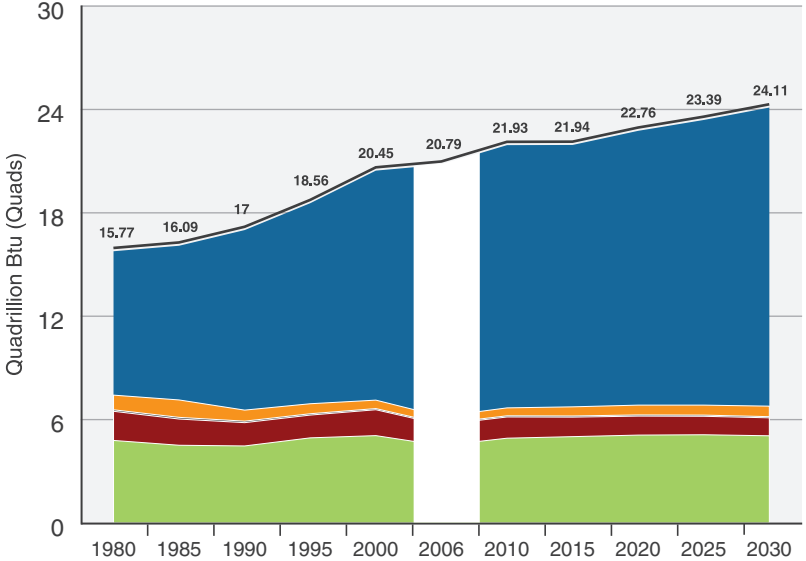
PRIMARY ENERGY IN THE RESIDENTIAL BUILDINGS SECTOR

The Residential Sector Consumed 20% (20.79 Quads) of U.S. primary energy in 2006. Electricity made up the overwhelming majority of consumption, representing 70% of all primary energy used in the Residential Sector. Electricity is also the fastest growing fuel, with a projected increase of 23% by 2030.

The index chart to the right shows the changes in fuels by indexing consumption of electricity, natural gas, and petroleum to 2006. For example, electricity consumption was about 50 percent below 2006 levels in 1980.



Residential primary energy consumption by year and fuel type



Residential Primary Energy Consumption, 1980–2030
Quadrillion Btu (Quads)

	1980	1985	1990	1995	2000	2006	2010	2015	2020	2025	2030
Electricity	8.35	8.95	10.45	11.64	13.32	14.61	15.25	15.20	15.92	16.55	17.33
Renewable	0.85	1.01	0.64	0.58	0.49	0.41	0.46	0.53	0.57	0.58	0.61
Coal	0.03	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Petroleum	1.75	1.58	1.41	1.38	1.56	1.27	1.29	1.19	1.16	1.13	1.10
Natural Gas	4.79	4.51	4.47	4.94	5.07	4.49	4.92	5.01	5.10	5.12	5.06