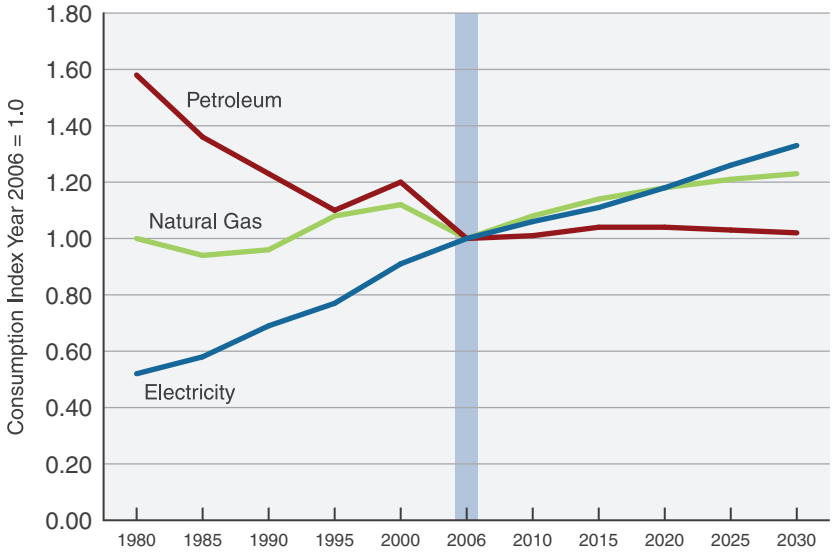
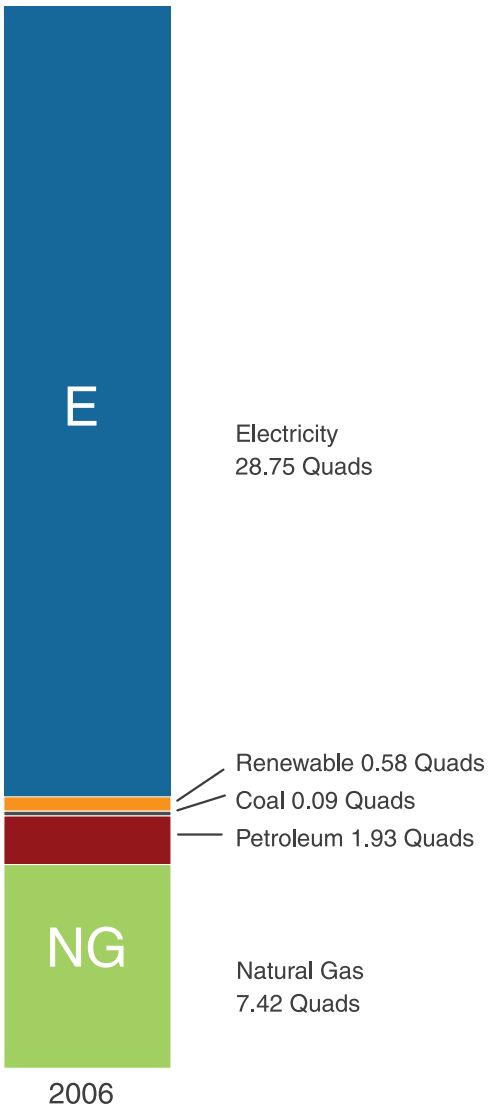
# PRIMARY ENERGY IN THE BUILDINGS SECTOR

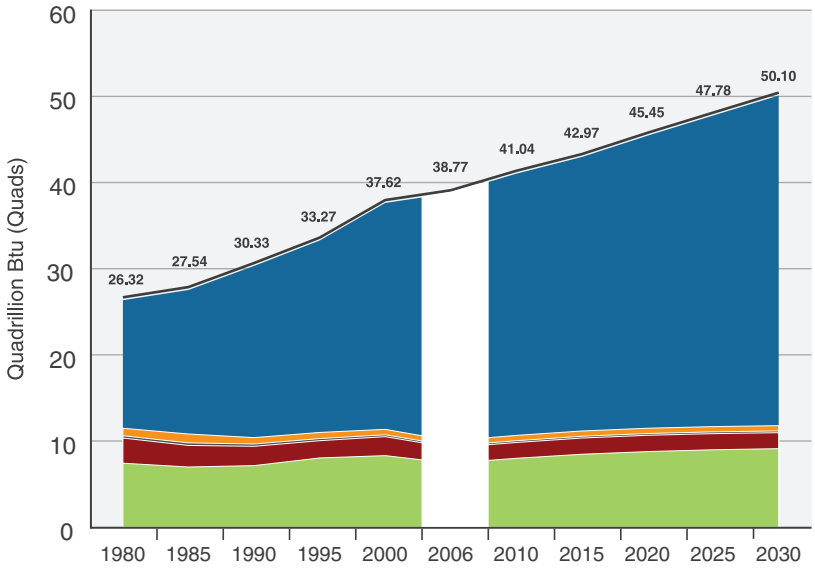
The Buildings Sector consumed 39% (38.77 Quads) of U.S. primary energy in 2006. Electricity made up the overwhelming majority of consumption, representing 74% of all primary energy used in the Buildings Sector. Electricity is also the fastest growing fuel, with a projected increase of 33% by 2030.

Index of buildings primary energy consumption




Buildings primary energy consumption by year and fuel type




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

| | 1980 | 1985 | 1990 | 1995 | 2000 | 2006 | 2010 | 2015 | 2020 | 2025 | 2030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Electricity | 14.86 | 16.72 | 19.93 | 22.28 | 26.28 | 28.75 | 30.38 | 31.81 | 33.96 | 36.11 | 38.32 |
| Renewable | 0.87 | 1.03 | 0.74 | 0.71 | 0.63 | 0.58 | 0.62 | 0.61 | 0.61 | 0.61 | 0.61 |
| Coal | 0.15 | 0.18 | 0.15 | 0.13 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| Petroleum | 3.04 | 2.62 | 2.36 | 2.12 | 2.32 | 1.93 | 1.95 | 2.00 | 2.01 | 1.99 | 1.97 |
| Natural Gas | 7.42 | 6.98 | 7.14 | 8.03 | 8.30 | 7.42 | 7.99 | 8.46 | 8.77 | 8.98 | 9.11 |