Household Energy Use in Virginia

A closer look at residential energy consumption

All data from EIA's 2009 Residential Energy Consumption Survey www.eia.gov/consumption/residential/

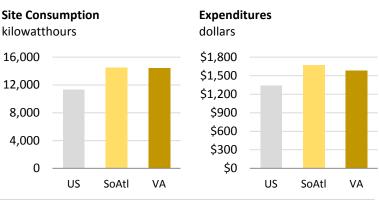
- Virginia households consume an average of 86 million Btu per year, about 4% less than the U.S. average.
- Average electricity consumption and costs are higher for Virginia households than the national average, but similar to those in neighboring states where electricity is the most common heating fuel.
- Virginia homes are typically newer and larger than homes in other parts of the country.

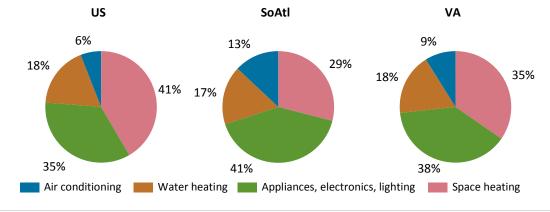


ALL ENERGY average per household (excl. transportation)

Site Consumption Expenditures million Btu dollars 100 \$2.500 80 \$2,000 60 \$1,500 \$1,000 40 \$500 20 \$0 0 US VA US SoAtl VA SoAtl

ELECTRICITY ONLY average per household

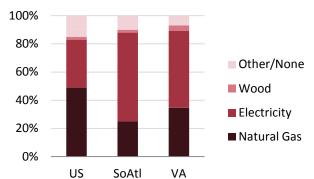




CONSUMPTION BY END USE

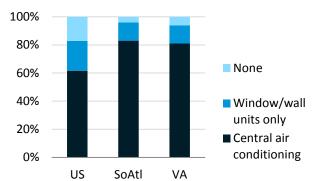
While Virginia's weather is similar to the national average, residents use more energy for air conditioning (9%) and less energy for heating (35%) than is typical in other parts of the country.

MAIN HEATING FUEL USED



Compared to the U.S. average, a greater proportion of Virginia households heat with electricity (55%) and a smaller proportion use natural gas (35%).

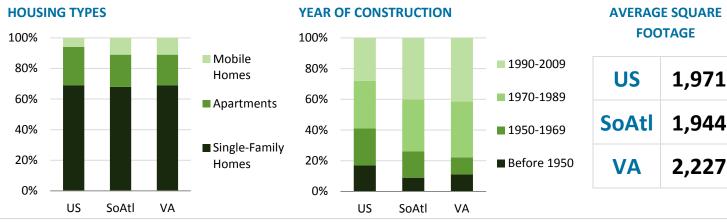
COOLING EQUIPMENT USED

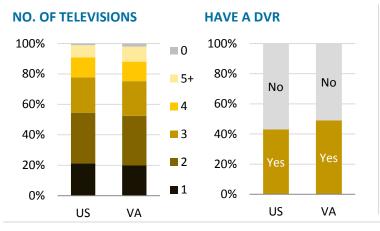


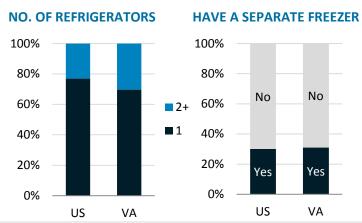
Most Virginia residents use air conditioning equipment, with over 80% using central air conditioners and a small share using window/wall units.

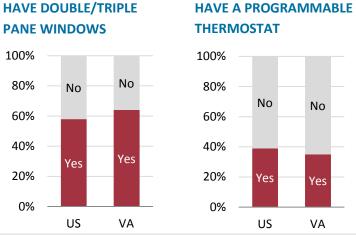


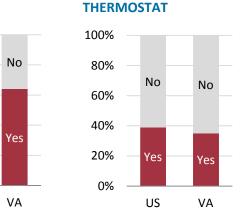
More highlights from RECS on housing characteristics and energy-related features per household... US = United States | SoAtl = South Atlantic | VA = Virginia

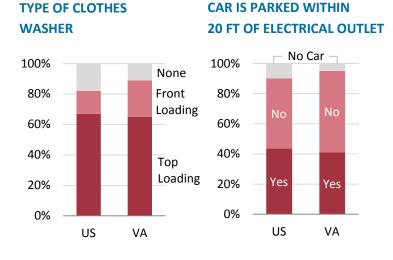














The RECS gathers energy characteristics through personal interviews from a nationwide sample of homes, and cost and consumption from energy suppliers.

The 2009 RECS is the thirteenth edition of the survey, which was first conducted in 1978.

Resulting products include:

- Home energy characteristics
- Average consumption & cost
- Detailed energy end-use statistics
- Reports highlighting key findings
- Microdata file for in-depth analysis

www.eia.gov/consumption/residential/