

Household Energy Use in Virginia

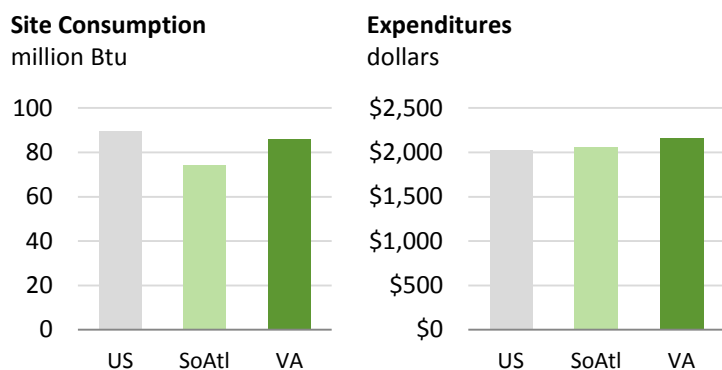
A closer look at residential energy consumption

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

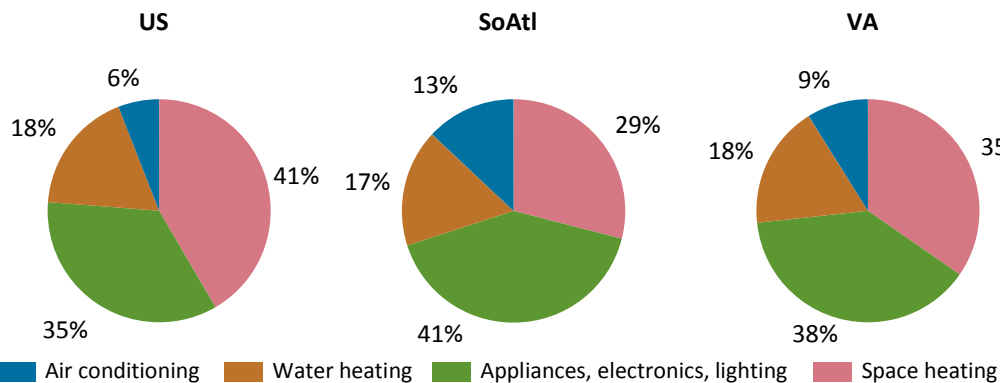
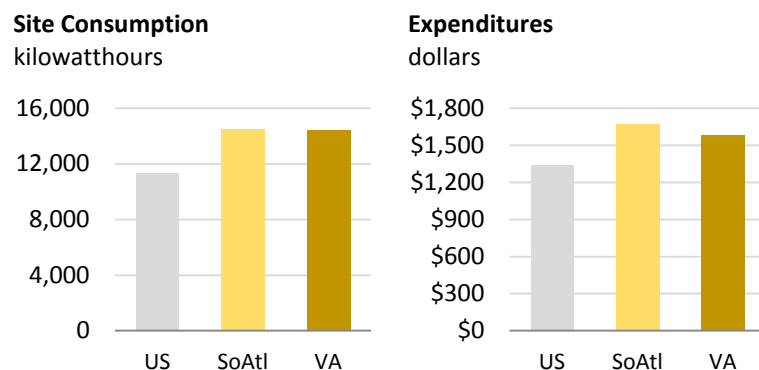
- Virginia households consume an average of 86 million Btu per year, about 4% less than the U.S. average.
- Average electricity consumption and costs are higher for Virginia households than the national average, but similar to those in neighboring states where electricity is the most common heating fuel.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



ALL ENERGY average per household (excl. transportation)



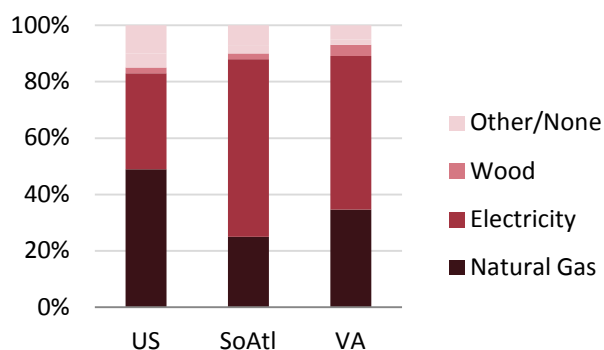
ELECTRICITY ONLY average per household



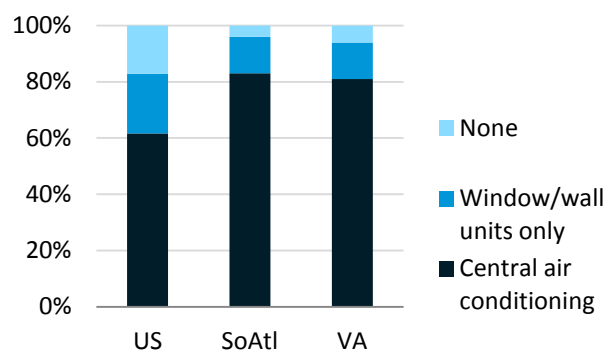
CONSUMPTION BY END USE

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



COOLING EQUIPMENT 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%).

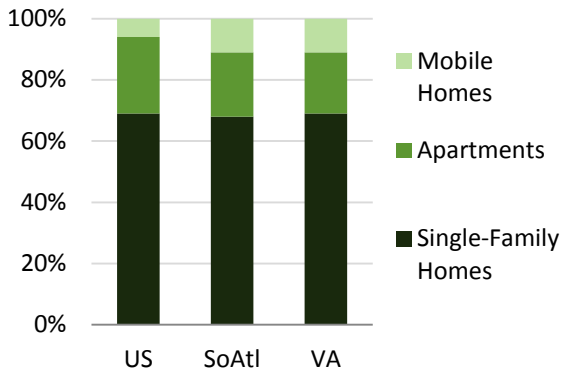
Most Virginia residents use air conditioning equipment, with over 80% using central air conditioners and a small share using window/wall units.



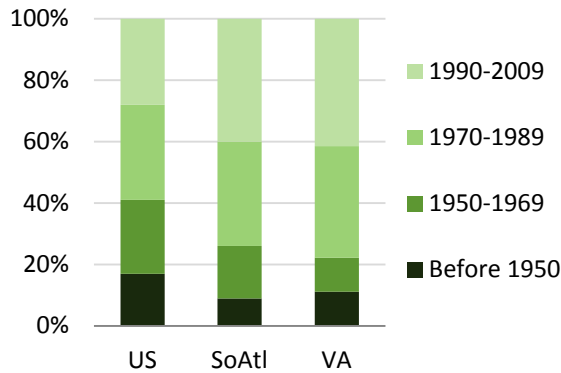
More highlights from RECS on housing characteristics and energy-related features per household...

US = United States | SoAtl = South Atlantic | VA = Virginia

HOUSING TYPES



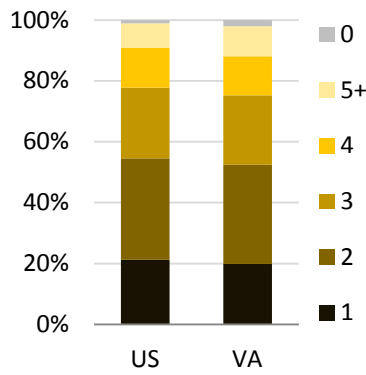
YEAR OF CONSTRUCTION



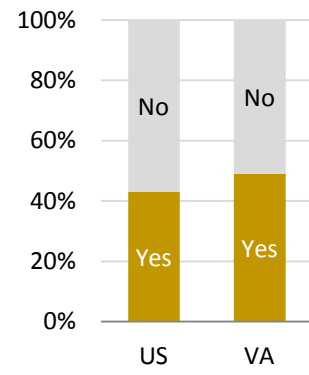
AVERAGE SQUARE FOOTAGE

US	1,971
SoAtl	1,944
VA	2,227

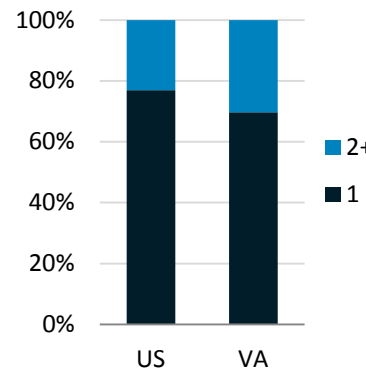
NO. OF TELEVISIONS



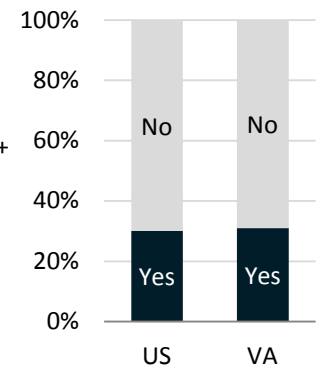
HAVE A DVR



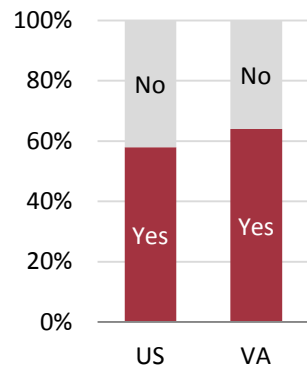
NO. OF REFRIGERATORS



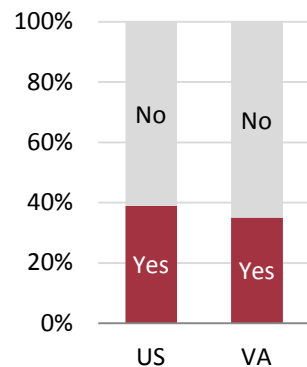
HAVE A SEPARATE FREEZER



HAVE DOUBLE/TRIPLE PANE WINDOWS



HAVE A PROGRAMMABLE THERMOSTAT



About the Residential Energy Consumption Survey (RECS) Program

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

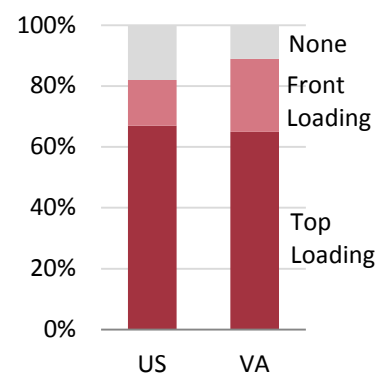
The 2009 RECS is the thirteenth edition of the survey, which was first conducted in 1978.

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/

TYPE OF CLOTHES WASHER



CAR IS PARKED WITHIN 20 FT OF ELECTRICAL OUTLET

