

# Household Energy Use in Tennessee

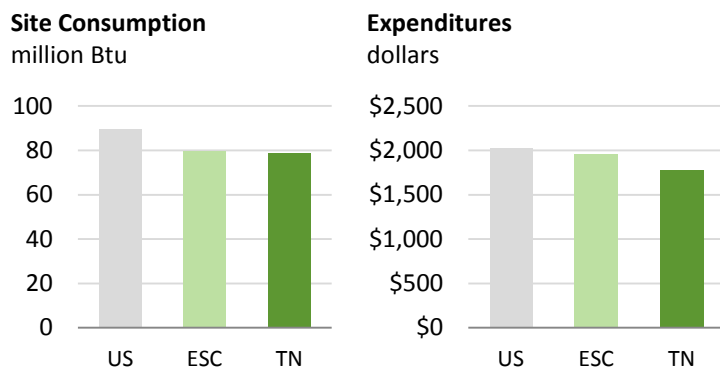
## A closer look at residential energy consumption

All data from EIA's 2009 Residential Energy Consumption Survey  
[www.eia.gov/consumption/residential/](http://www.eia.gov/consumption/residential/)

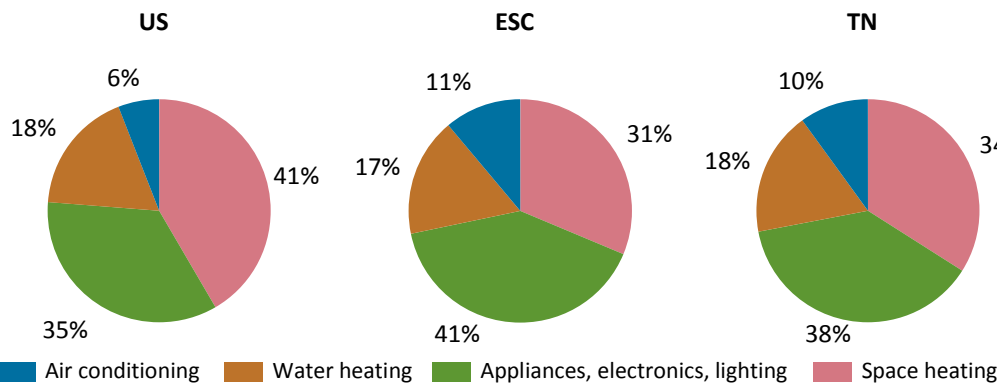
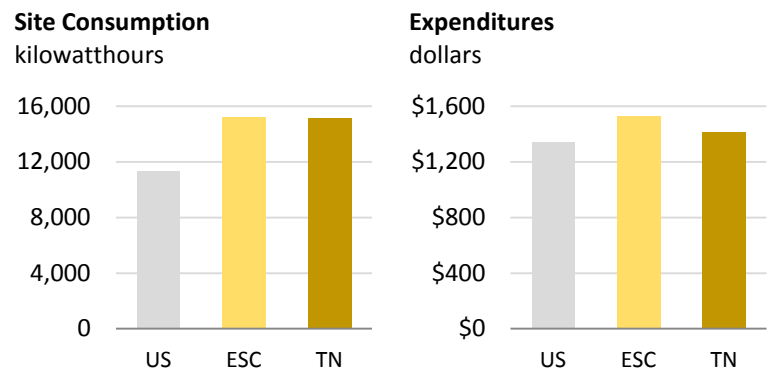
- Tennessee households consume an average of 79 million Btu per year, about 12% less than the U.S. average.
- Average electricity consumption for Tennessee households is 33% higher than the national average and among the highest in the nation, but spending for electricity is closer to average due to relatively low electricity prices.
- Tennessee homes are typically newer, yet smaller in size, than homes in other parts of the country.



### ALL ENERGY average per household (excl. transportation)



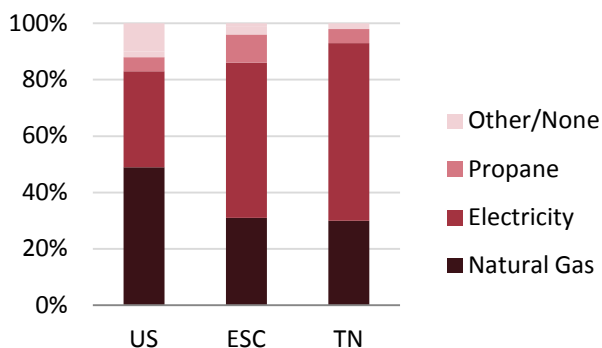
### ELECTRICITY ONLY average per household



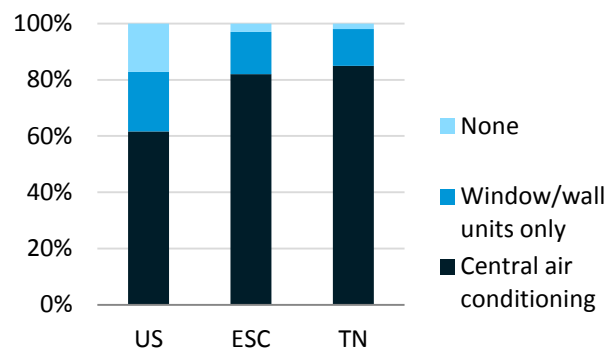
### CONSUMPTION BY END USE

Compared to other areas of the United States, the warmer weather in Tennessee and its neighboring states means that air conditioning accounts for a greater portion of home energy use (10%), while space heating accounts for a smaller portion (34%).

### MAIN HEATING FUEL USED



### COOLING EQUIPMENT USED



Almost all Tennessee homes are heated. About two-thirds of Tennessee residents heat with electricity, a greater proportion than the U.S. average.

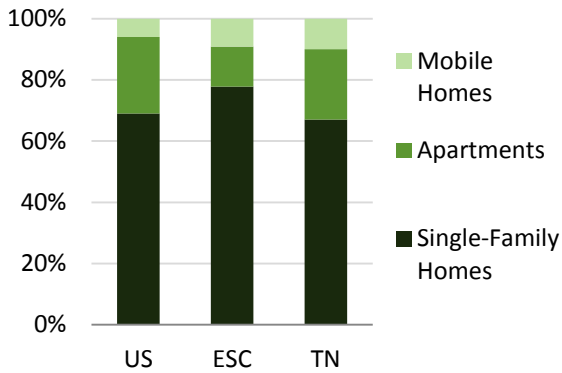
Almost all Tennessee households use air conditioning equipment, with over 80% using central air conditioners and a small portion using window/wall units.



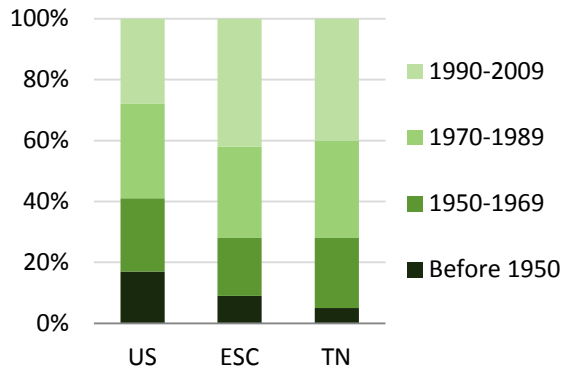
More highlights from RECS on housing characteristics and energy-related features per household...

US = United States | ESC = East South Central | TN = Tennessee

### HOUSING TYPES



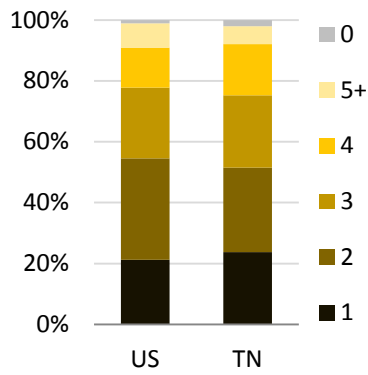
### YEAR OF CONSTRUCTION



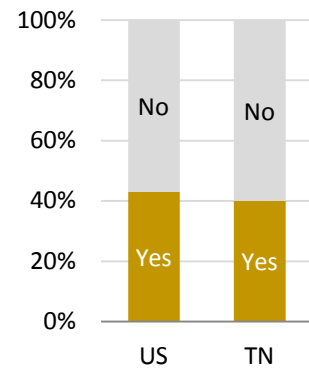
### AVERAGE SQUARE FOOTAGE

<b>US</b>	<b>1,971</b>
<b>ESC</b>	<b>1,895</b>
<b>TN</b>	<b>1,856</b>

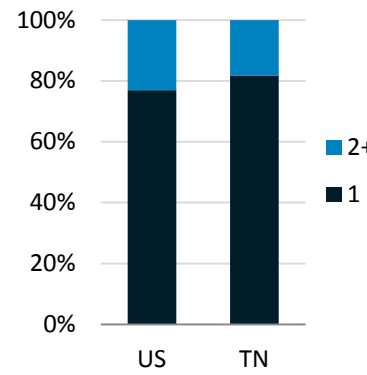
### NO. OF TELEVISIONS



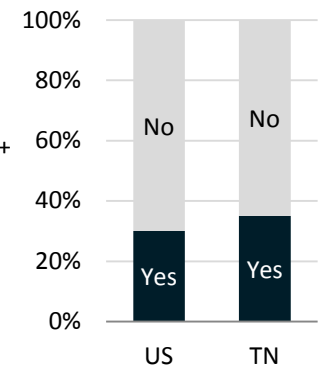
### HAVE A DVR



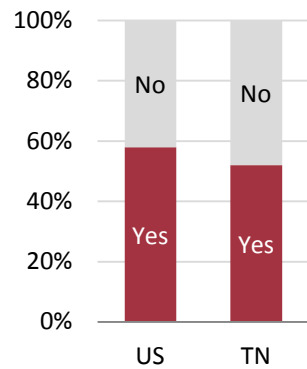
### NO. OF REFRIGERATORS



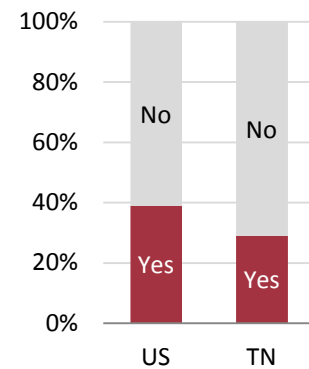
### HAVE A SEPARATE FREEZER



### 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.

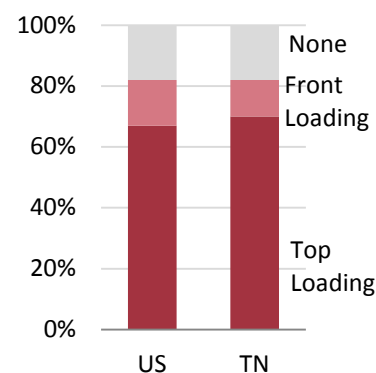
The 2009 RECS is the thirteenth edition of the survey, which was first conducted in 1978.

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/](http://www.eia.gov/consumption/residential/)

### TYPE OF CLOTHES WASHER



### CAR IS PARKED WITHIN 20 FT OF ELECTRICAL OUTLET

