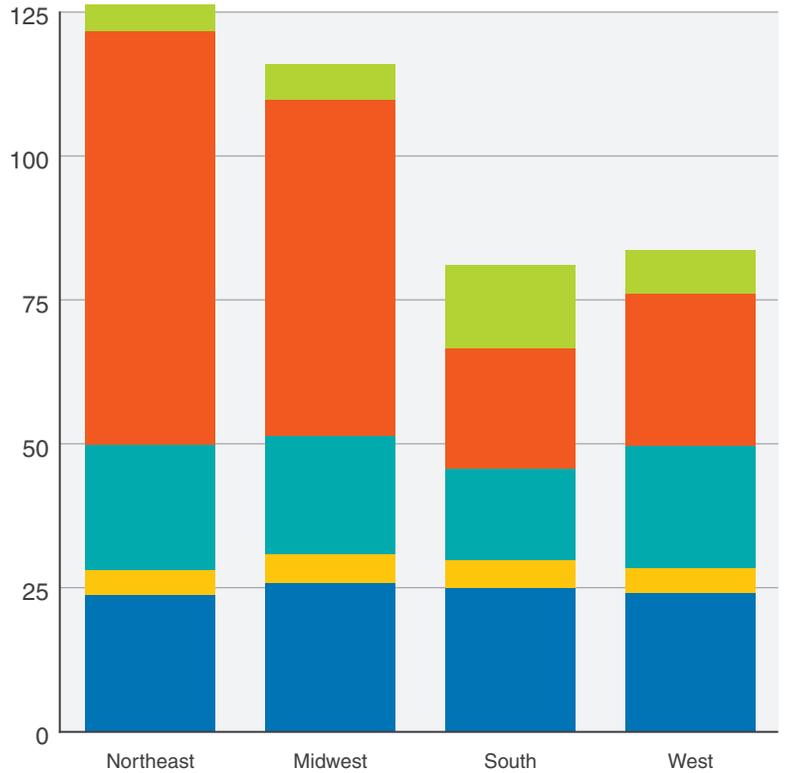


## END-USE AND REGIONAL CONSUMPTION AND EXPENDITURES

Energy consumption and expenditures vary significantly by region due to prices, fuel type, and climate. Though overall energy consumption varies greatly amongst regions, appliance, lighting, and plug loads remain relatively constant. Heating energy varies the most out of all the end uses. In the coldest regions, primary sources of energy, such as natural gas and fuel oil, tend to be used as heating fuels. In warmer regions, electricity, which is a secondary form of energy, tends to be the dominant heating fuel. The combination of fuel choice and climate is what causes the differences in regional heating energy use. These factors also contribute to the differences in water heating energy use between the Northeast and South.

2005 Delivered energy consumption, by end use and census region (MMBtu per household)



### Consumption MMBtu per household

	Northeast	Midwest	South	West
Other Appliances & Lighting	23.0	25.9	25.0	24.1
Refrigerators	4.3	4.9	4.8	4.3
Water Heating	21.9	20.6	15.8	21.3
Space Heating	71.8	58.4	21.0	26.3
Space Cooling	4.5	6.2	14.5	7.6

### Expenditures Dollars per household

	Northeast	Midwest	South	West
Other Appliances & Lighting	739	596	635	642
Refrigerators	169	128	130	133
Water Heating	335	270	283	293
Space Heating	969	675	334	333
Space Cooling	176	154	406	233



2005 End-use energy expenditures, by census region (dollars per household)

