Household Energy Use in Michigan
A closer look at residential energy consumption

- Michigan households use 123 million Btu of energy per home, 38% more than the U.S. average.
- High consumption, combined with low costs for heating fuels compared to states with a similar climate, result in Michigan households spending 6% more for energy than the U.S. average.
- Less reliance on electricity for heating, as well as cool summers keeps average site electricity consumption in the state low relative to other parts of the U.S.
- Michigan homes are typically older than homes in other states.

ALL ENERGY average per household (excl. transportation)

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CONSUMPTION BY END USE

Since the weather in Michigan and the Midwest is cooler than other areas of the United States, space heating makes up a greater portion of energy use in homes compared to the U.S. average, and air conditioning makes up only 1% of energy use.

MAIN HEATING FUEL USED

COOLING EQUIPMENT USED

Compared to the U.S. average, a greater proportion (78%) of Michigan residents use natural gas for heating and a smaller proportion of residents (6%) use electricity for heating.

Nearly 20% of Michigan households do not use air conditioning, but those that do still predominantly rely on central air conditioning for cooling.
More highlights from RECS on housing characteristics and energy-related features per household...

US = United States | ENC = East North Central | MI = Michigan

**Housing Types**

- Mobile Homes
- Apartments
- Single-Family Homes

**Year of Construction**

- 1990-2009
- 1970-1989
- 1950-1969
- Before 1950

**Average Square Footage**

- US: 1,971
- ENC: 2,251
- MI: 1,954

**No. of Televisions**

- 0%
- 20%
- 40%
- 60%
- 80%
- 100%

**Have a DVR**

- Yes
- No

**No. of Refrigerators**

- 0%
- 20%
- 40%
- 60%
- 80%
- 100%

**Have a Separate Freezer**

- Yes
- No

**Have Double/ Triple Pane Windows**

- Yes
- No

**Type of Clothes Washer**

- Top Loading
- Front Loading

**Car is Parked Within 20 Ft of Electrical Outlet**

- Yes
- No

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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/