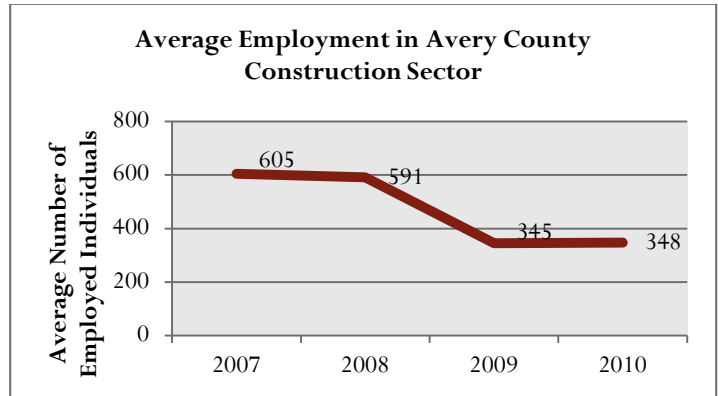
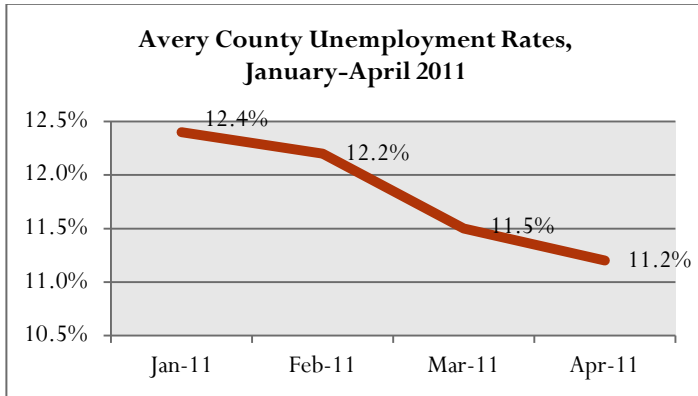


# Avery County

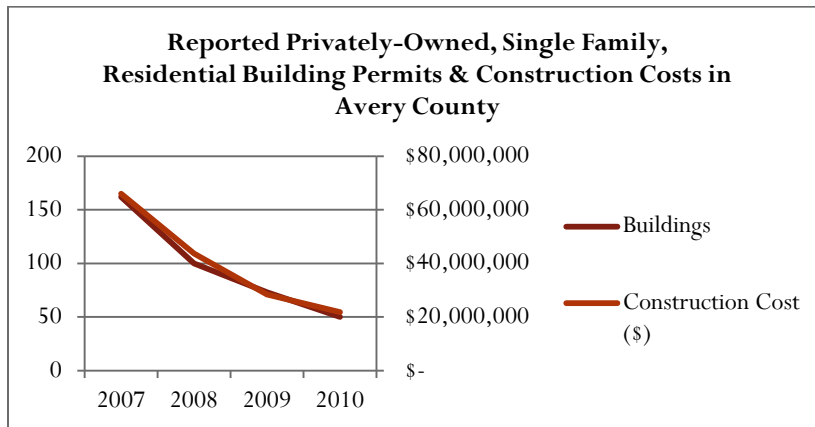
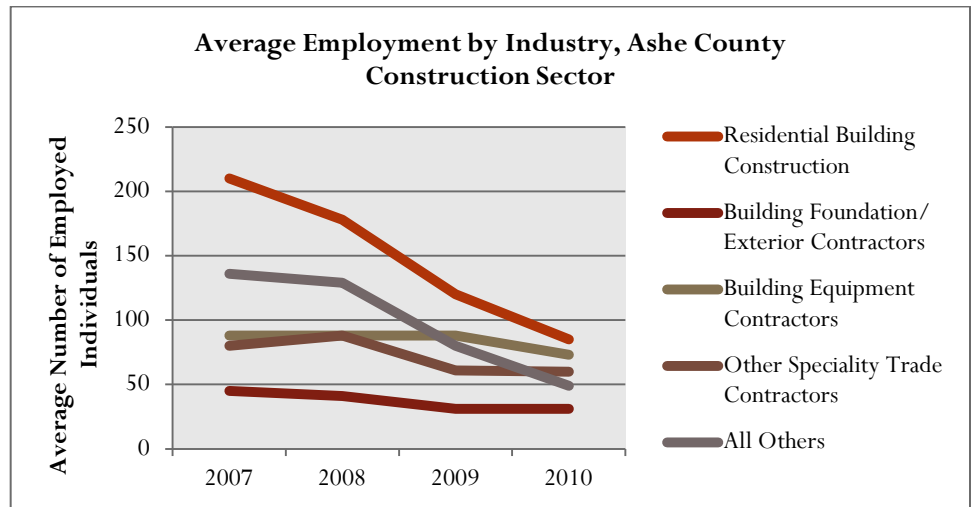
## SNAPSHOT



[SOURCE: ESC OF NC, LABOR MARKET INFORMATION DIVISION, QUARTERLY CENSUS OF EMPLOYMENT AND WAGE (QCEW), 2007-2010]

### Quick Facts

- Avery County covers 247 square Miles
- population of 17,167 (2000 Census)

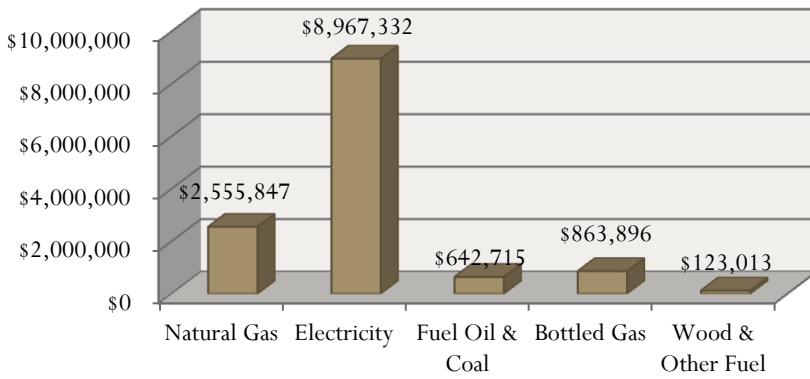


[SOURCE: U.S. CENSUS BUREAU]

NOTE: DATA IS MISSING WHEN EITHER (A) 80% OF THE EMPLOYMENT AND/OR WAGES CAME FROM ONE EMPLOYER, (B) THERE WERE TWO OR FEW EMPLOYERS IN THAT INDUSTRY, OR (C) THERE WAS NO PRESENCE OF THAT INDUSTRY FOR THAT YEAR.

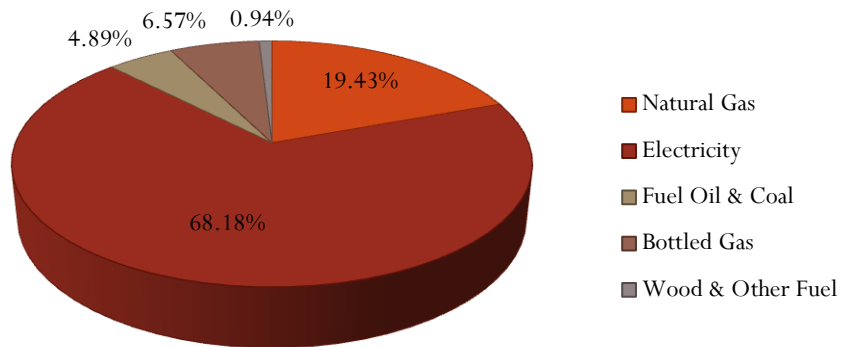
[SOURCE: ESC OF NC, LABOR MARKET INFORMATION DIVISION, QUARTERLY CENSUS OF EMPLOYMENT AND WAGE (QCEW), 2007-2010]

### 2009 Total Energy Expenditures, Avery County



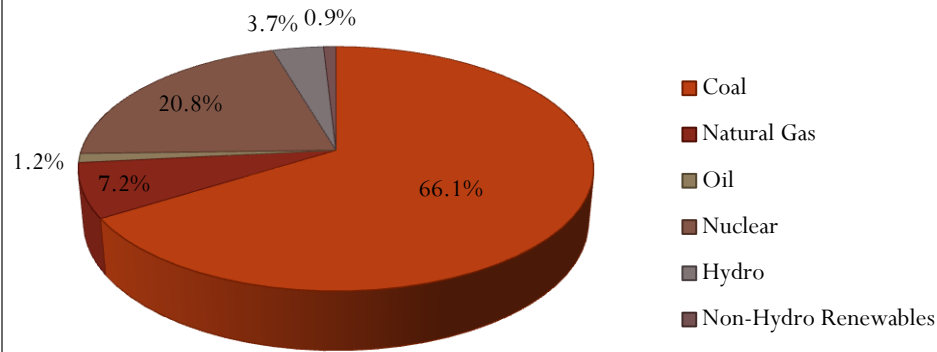
[SOURCE: ECONOMIC DEVELOPMENT INTELLIGENCE SYSTEM (EDIS), COMMUNITY DEMOGRAPHICS DATABASE, COUNTY REPORT]

### Avery County 2009 Energy Expenditures



[SOURCE: ECONOMIC DEVELOPMENT INTELLIGENCE SYSTEM (EDIS), COMMUNITY DEMOGRAPHICS DATABASE, COUNTY REPORT]

### Sources of Avery County's Electricity Use



[SOURCE: DUKE ENERGY]

*AVERY COUNTY HOUSING STOCK:*

*Pre-1970 Homes: 3,437 (28.86%)*

*Post-1970 Homes: 8,474 (71.14%)*

*Manufactured Homes: 1,857 (15.59%)*

*[Source: NCSEA 2011 Clean Energy Data Book]*

*AVERY COUNTY ELECTRICITY USAGE & POTENTIAL SAVINGS:*

*Avg. Annual Residential Usage:  
13,741 kWh/year*

*Avg. Residential Elec. Rate:  
\$0.084060/kWh*

*1<sup>st</sup> Year Savings from Retrofitting All Pre-1970 Homes to be 30% More Energy Efficient: **\$1,190,991.09***

*1<sup>st</sup> Year Savings from Retrofitting All Manufactured Home to be 30% More Energy Efficient: **\$643,488.64***

*Note: Average NC electricity usage is based off of EMC customer consumption; Energy savings calculations are based off average NC electricity consumption & average Avery County electricity rate.*

*[Sources: NCSEA 2011 Clean Energy Data Book; local utilities excluding EnergyUnited EMC & Rutherford EMC]*

*Energy Efficiency & Renewable Energy Quick Facts:*

*Avery County Has...*

- *2 Registered or Certified Energy Efficient Buildings (commercial & government)*
- *5 Existing Clean Energy Firms*
- *2 Registered Solar Systems (thermal & electric), including the new 1-MW array*
- *18 Registered Wind Systems*
- *7 Registered Geothermal Systems (vertical bore only)*
- *1072.2-kW of installed renewable energy capacity = 1,111,454 kWh annually, including the new 1-MW array (excludes thermal systems)*

*[Source: NCSEA 2011 NC Clean Energy Data Book]*