

The West Virginia Energy Flow Chart

The Governor's Energy Summit

October 23, 2014

Christine Risch



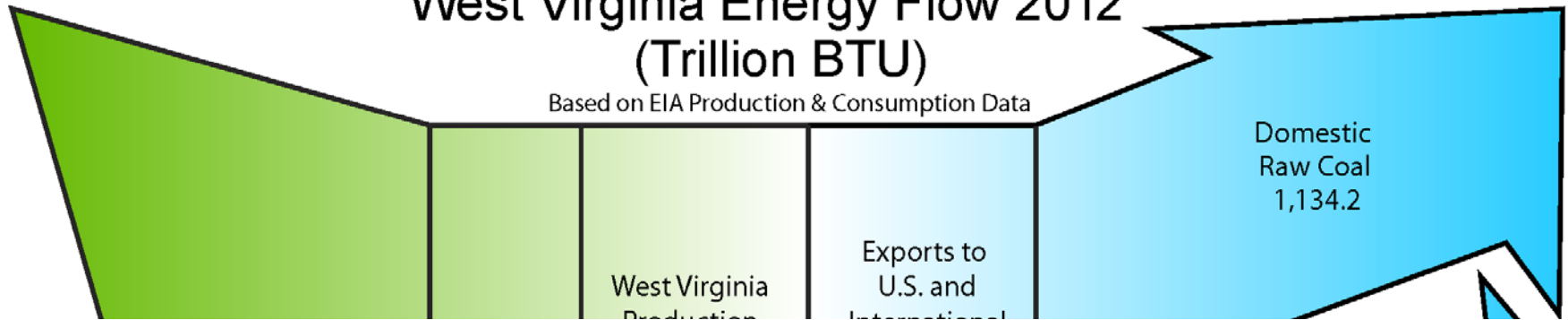
CBER

CENTER FOR BUSINESS
AND ECONOMIC RESEARCH

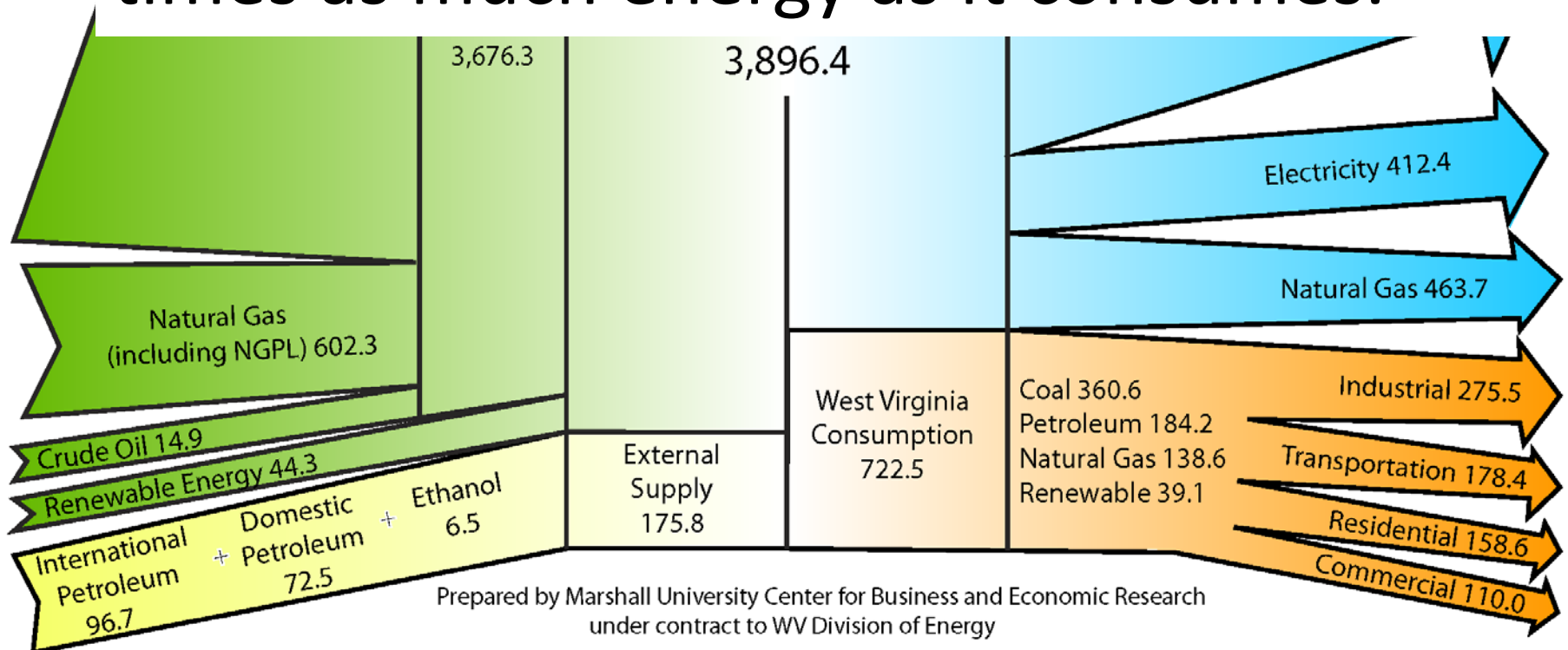


West Virginia Energy Flow 2012 (Trillion BTU)

Based on EIA Production & Consumption Data



West Virginia produces more than five times as much energy as it consumes.

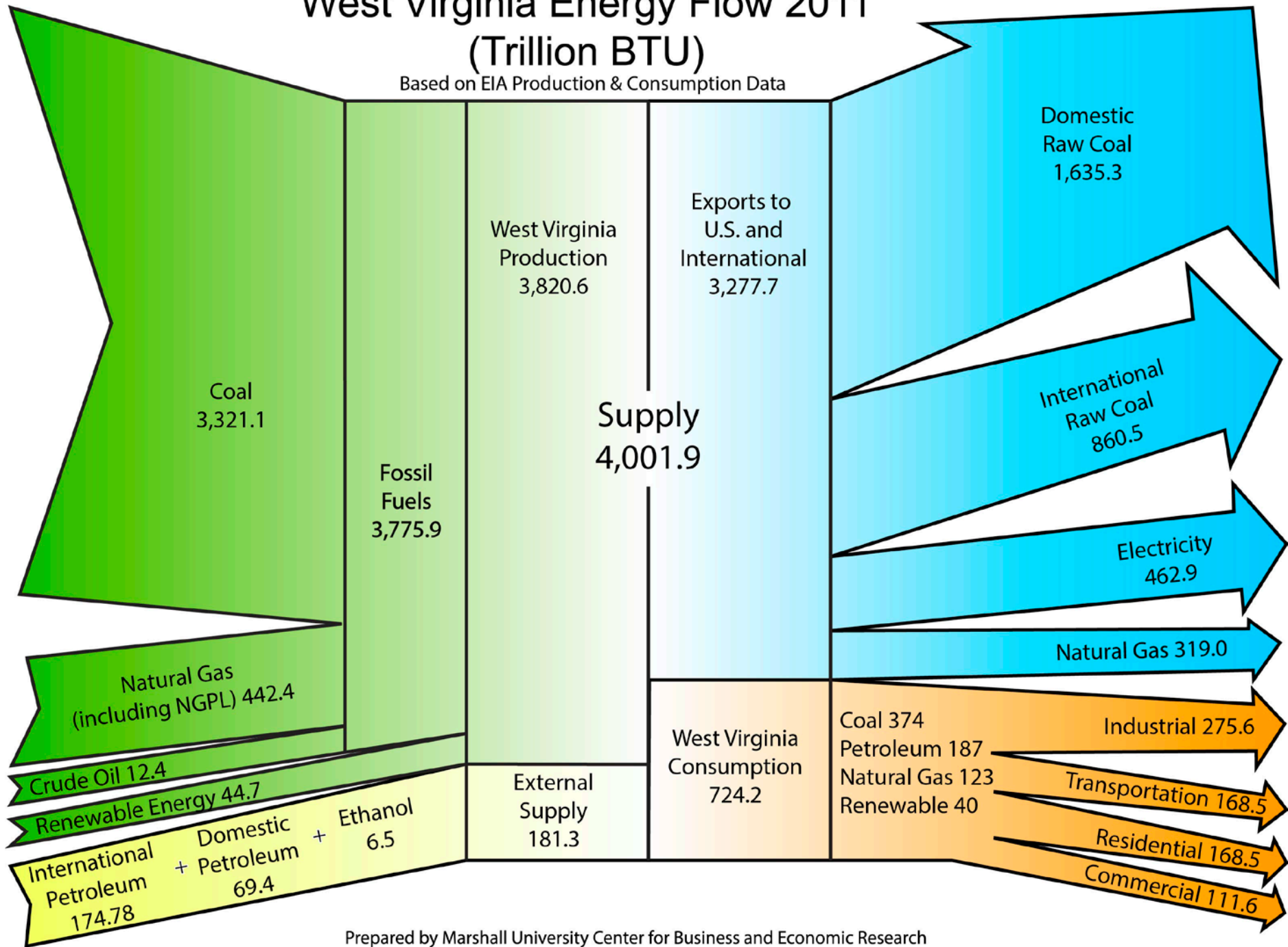


Prepared by Marshall University Center for Business and Economic Research
under contract to WV Division of Energy

Numbers may not sum to total due to rounding.

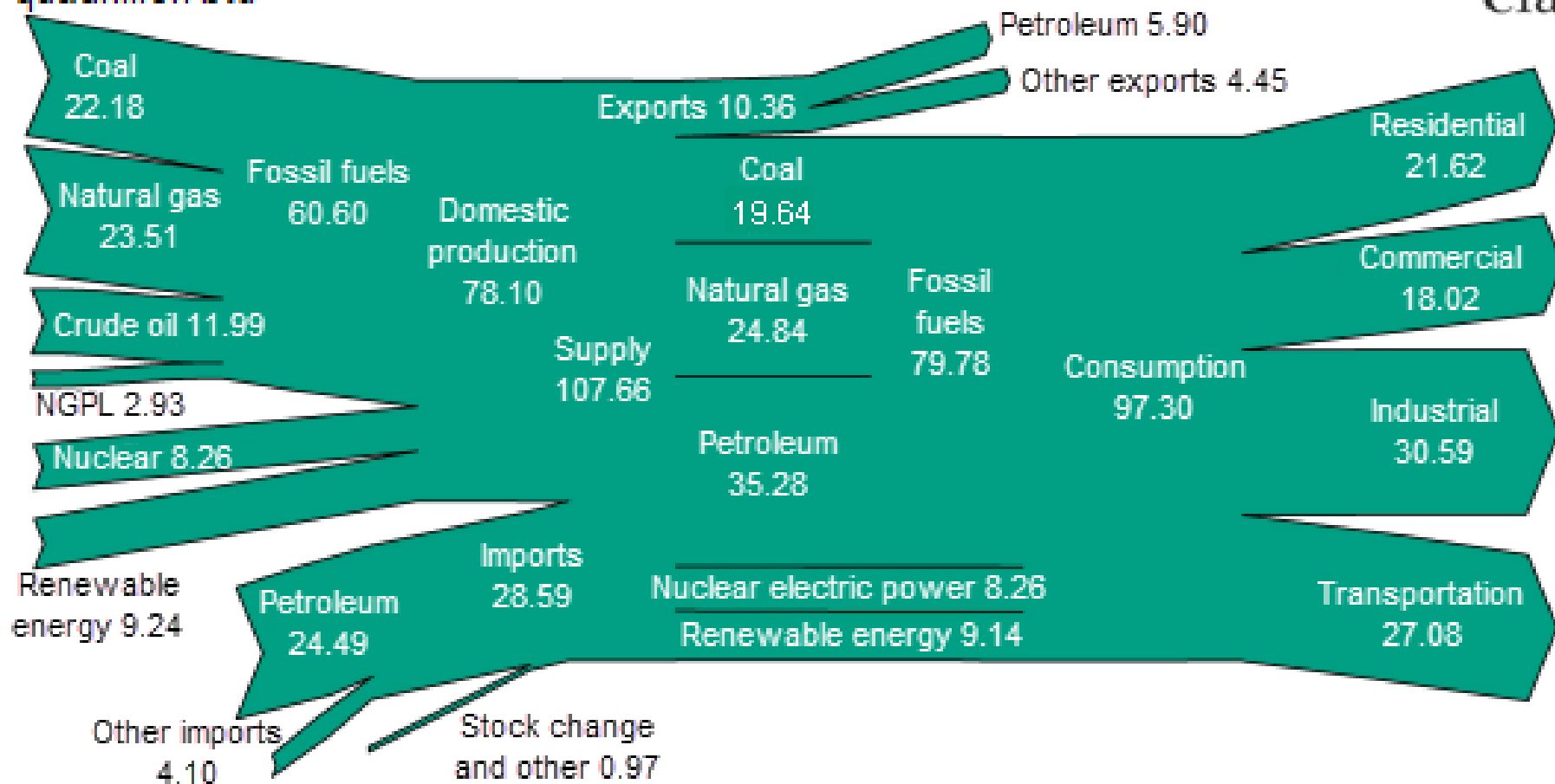
West Virginia Energy Flow 2011 (Trillion BTU)

Based on EIA Production & Consumption Data



U.S. Energy Flow in 2011 (Qbtu)

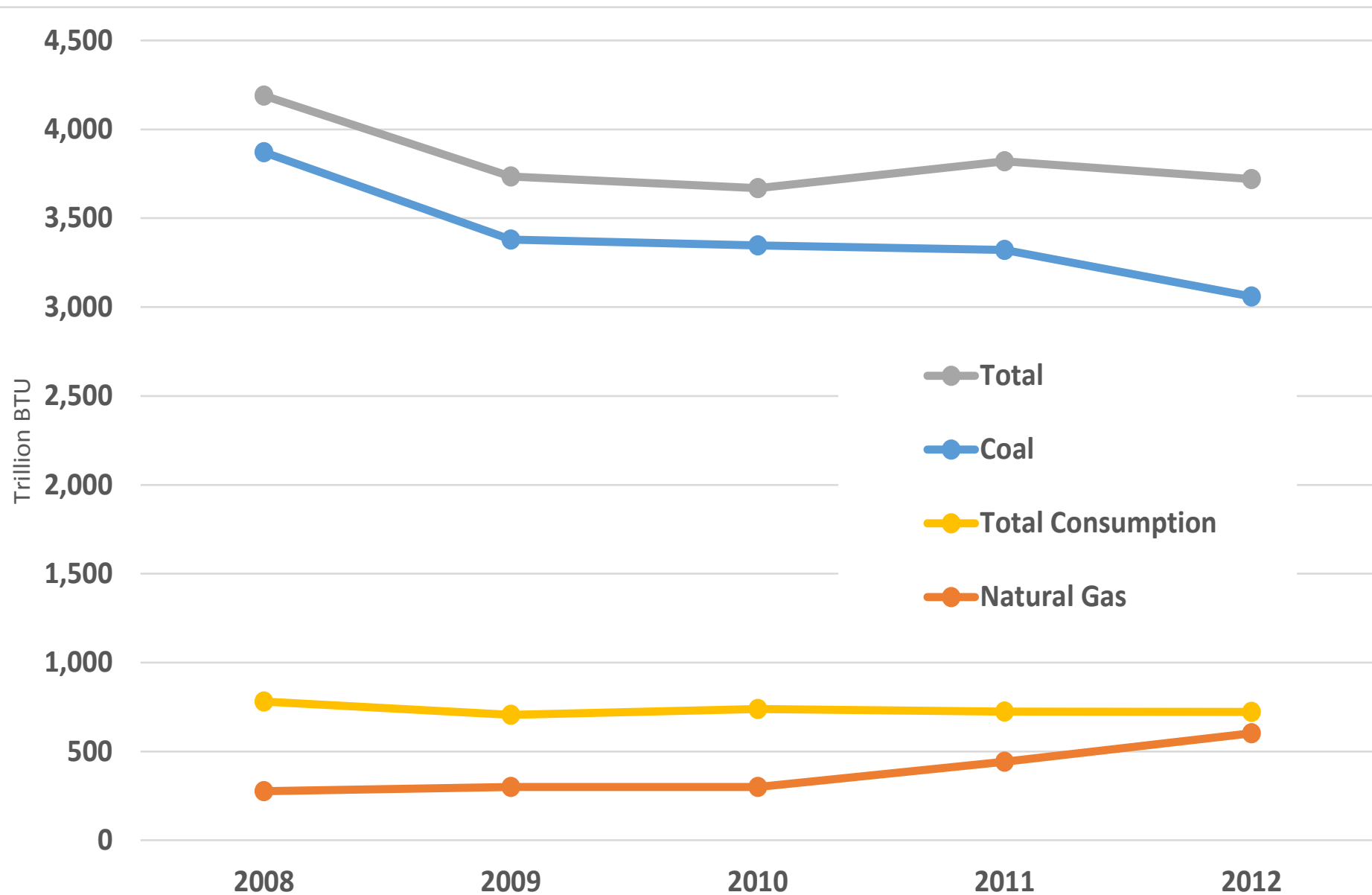
Overview of United States energy flows, 2011
quadrillion btu



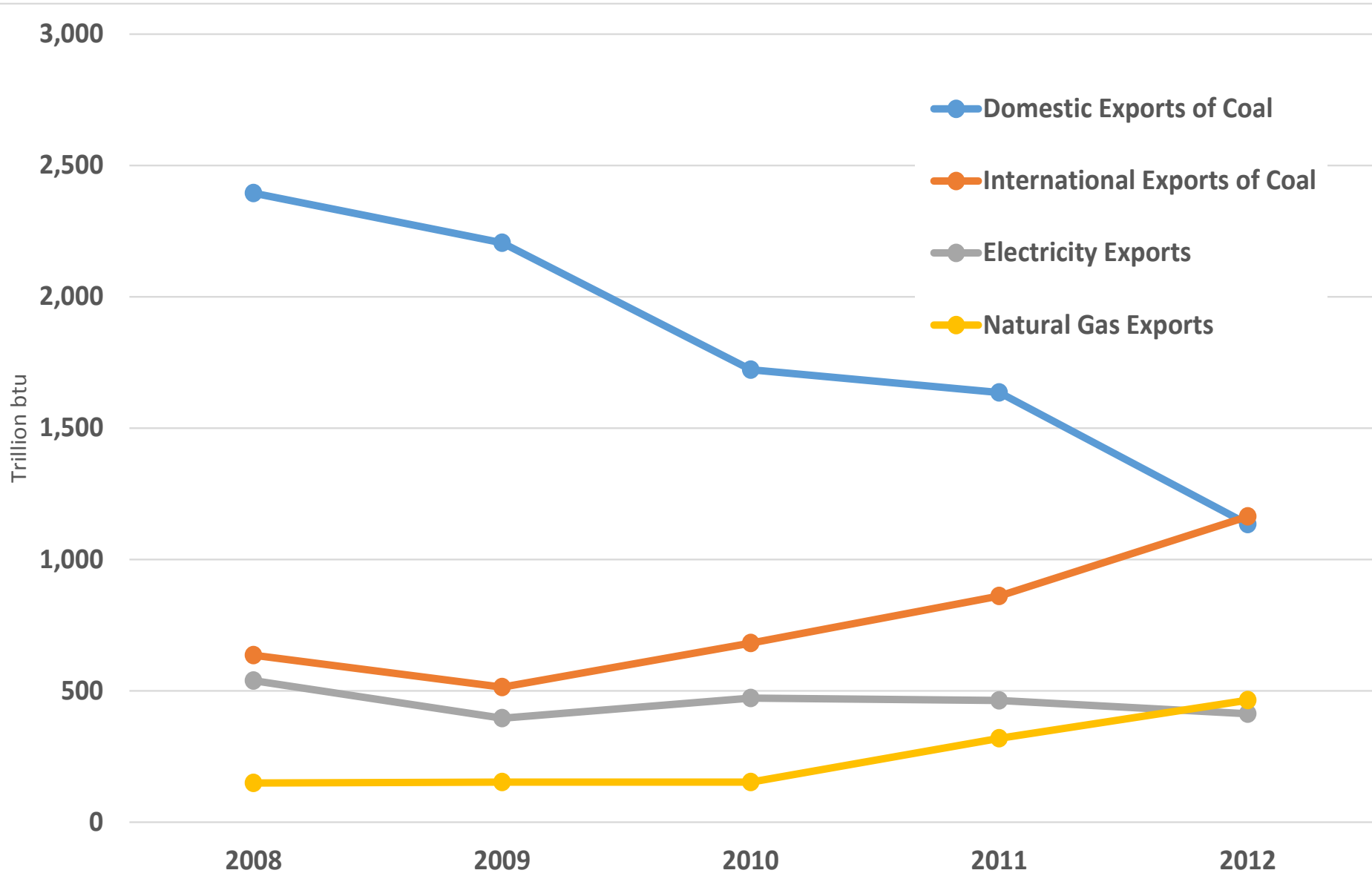
British Thermal Units

- The common denominator of energy value
- One BTU = the energy released in the burning of a wood match.
- One BTU raises the temperature of one pound of water one degree Fahrenheit.
- Used perhaps since 1820s
- Thomas Tredgold book *The Principles of Warming and Ventilating Public Buildings*
- Origin is tied to indoor heating

West Virginia Energy Production (Tbtu)



West Virginia Energy Exports (Tbtu)



Thank you

Christine Risch

Director of Resource and Energy Economics

**Center for Business and Economic Research
Marshall University**

907 Third Avenue

Huntington, WV 25701

p 304.528.7226

christine.risch@marshall.edu

marshall.edu/cber



CBER
CENTER FOR BUSINESS
AND ECONOMIC RESEARCH