

Manufacturing and the New American Energy Revolution

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New American Energy Revolution=Shale-Energy

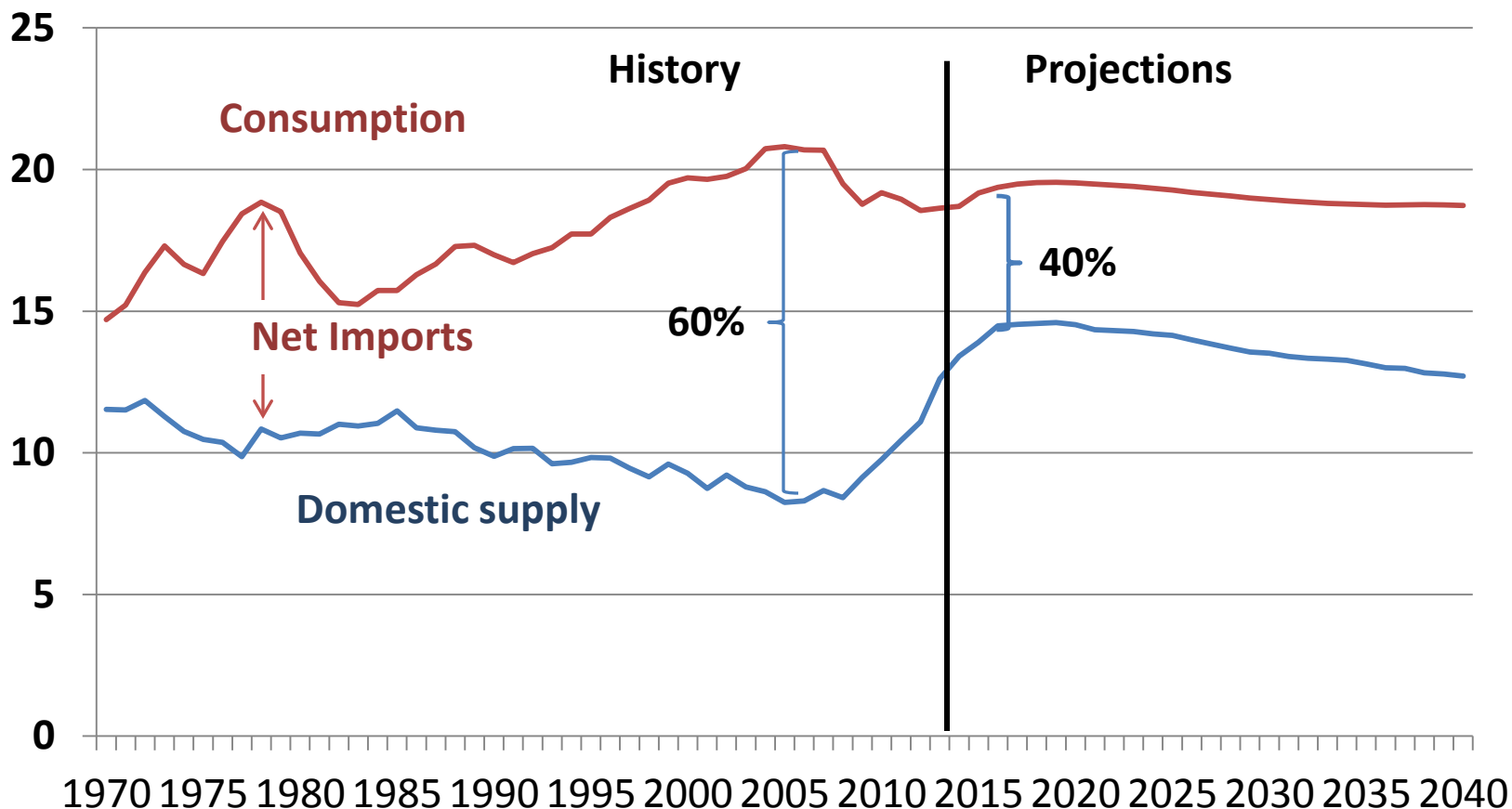
Technology has increased domestic production of oil and natural gas.

Increased oil production has different impacts than increased natural gas production.

- More domestic oil production will decrease U.S. dependence on imports.
- Increase in supply of natural gas will reduce its price.

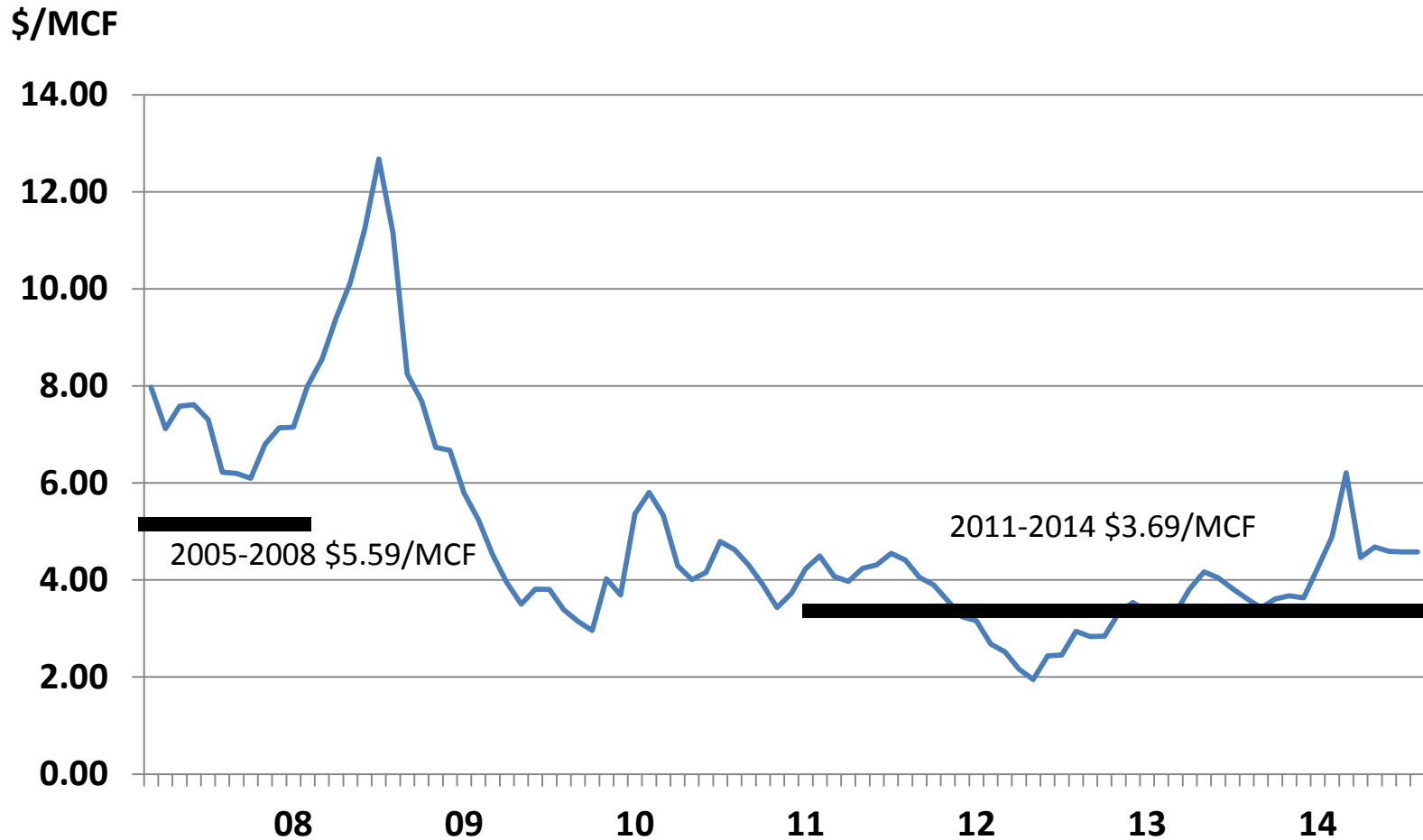
U.S. Consumption and Production of Petroleum and other Liquid Fuels, 1970-2040

(million barrels per day)



Source: Energy Information Administration

U.S. Natural Gas Prices



Source: World Bank

Energy Revolution's Impact on Manufacturing

- Decrease in natural gas prices will reduce energy costs for manufacturers
- Availability of cheap natural gas will reduce other costs for manufacturers
- Increased demand for specialized manufacturing products

Largest U.S. consumers of natural gas

- Petroleum refining (NAICS 32411)
- Chemical manufacturing (NAICS 325)
- Paper manufacturing (NAICS 322)
- Food manufacturing (NAICS 311)
- Iron and steel manufacturing (NAICS 3311 and 3312)



Manufacturers also purchase large quantities of electricity.

- 38.9 percent of natural gas consumption is to produce electricity.
- Electricity prices will increase more slowly due to increased supply of natural gas.



Other manufacturing costs reduced due to increased supply of natural gas liquids (NGL)

- Methane
- Ethane
- Propane

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TOTAL NGLs RECOVERED (GALLONS)
1,362,595

TOTAL CO2 RECOVERED (TONS)
9,586

TOTAL VOCs RECOVERED (TONS)
2,869

TOTAL BTUs RECOVERED (MMBTU)
124,618

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Increased demand for specialized manufacturing products

- Oil and gas field machines (NAICS 333132)
- Pipe and pipe fittings (NAICS 332996)
- Measuring instruments (NAICS 334513)

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OUR STORY

Since 2006, ALCOM LLC has produced the most diverse, highest quality aluminum trailer line in the industry. With operations based in Winslow, Maine, the company has grown from a staff of 3 full-time employees, working from a 10,000 square foot facility, to a team of more than 150 dedicated craftsmen, sales associates and office personnel. In February of 2010, doors opened on ALCOM's state-of-the-art, 70,000 sq. ft. manufacturing facility, optimized for modern aluminum trailer production. At present, we serve more than 270 dealerships in 51 States and Provinces, China, India and Kuwait.

ALCOM's storied growth has been attained through a commitment to providing our dealer network with the top quality aluminum trailer products, in a product line that truly caters to individual market areas. We recognize that snowmobile trailers don't sell in Arizona and, likewise, you won't see open motorcycle trailers

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> Terrebonne, Quebec, Canada

> **Great Falls, Montana, USA**

> Miami, Florida, USA

Great Falls, Montana, USA

Fabrication of Steel Structures Modular Construction



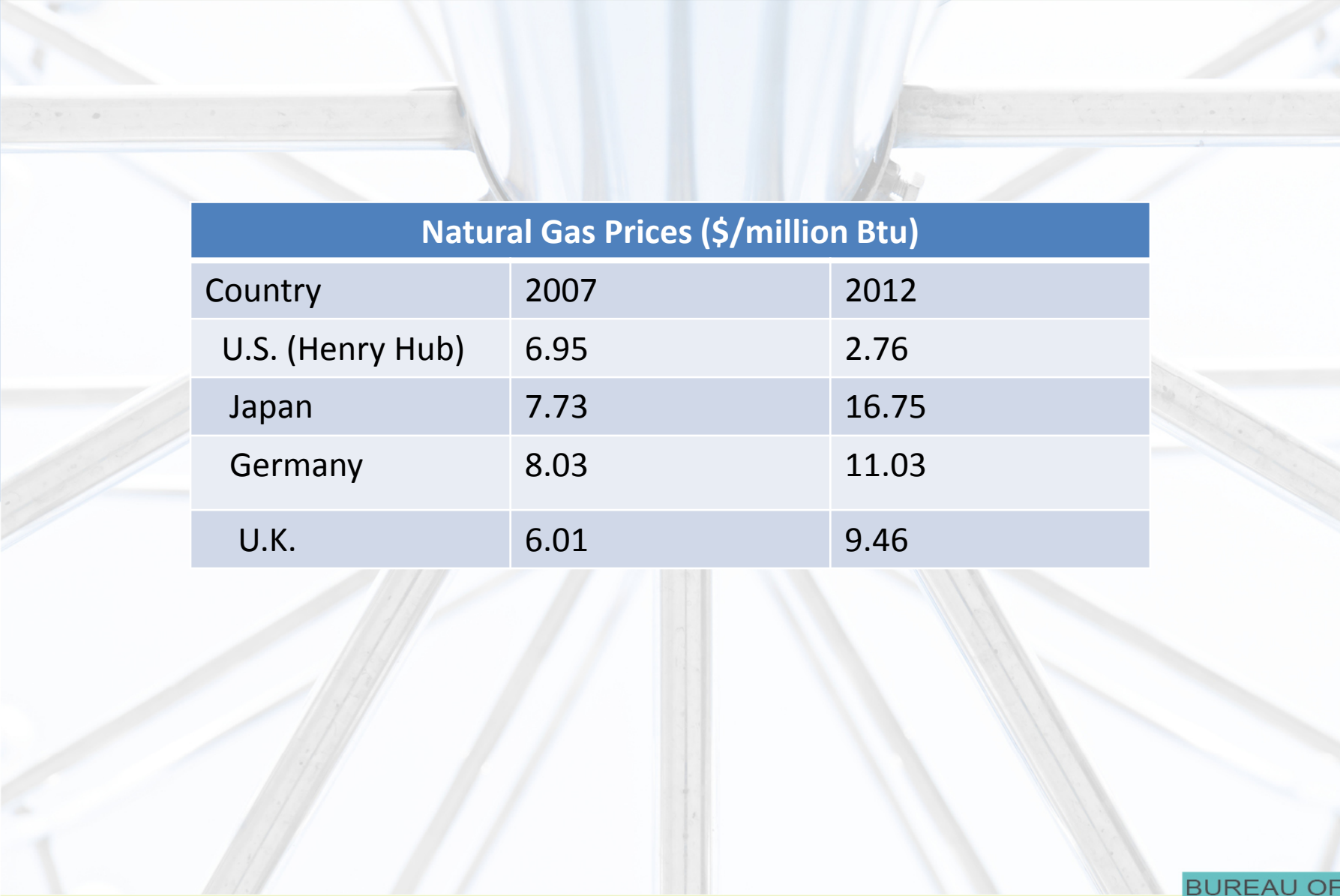
ANNUAL FABRICATION CAPACITY: 25,000 TONS

- » Fabrication plant of 9,290 m² (100,000 ft²)
- » Specialized paint shop of 5,200 m² (56,000 ft²) (June 2014)
- » 100-acre lot, 70 acres of which for pre-assembly of modular steel construction work

Areas of focus

- » Fabrication of standard steel components
- » Fabrication and assembly of modular steel structures



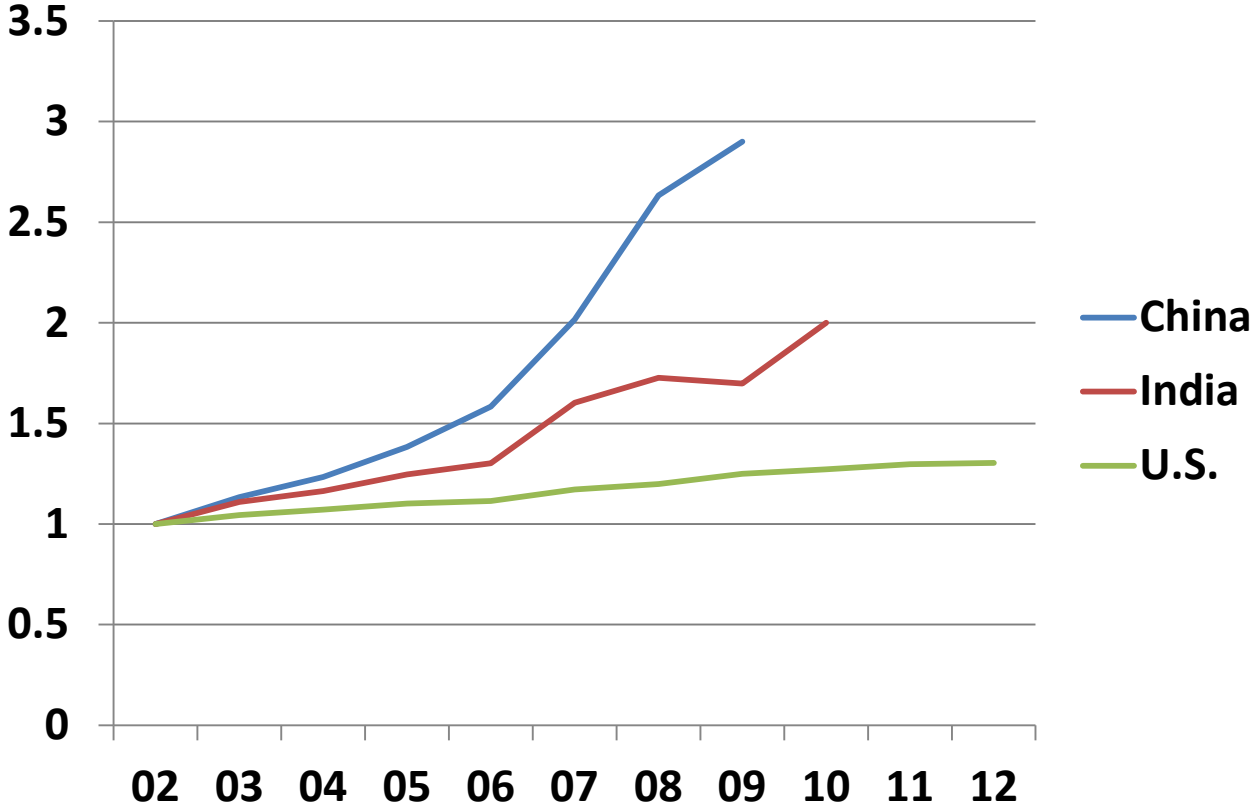


Natural Gas Prices (\$/million Btu)		
Country	2007	2012
U.S. (Henry Hub)	6.95	2.76
Japan	7.73	16.75
Germany	8.03	11.03
U.K.	6.01	9.46

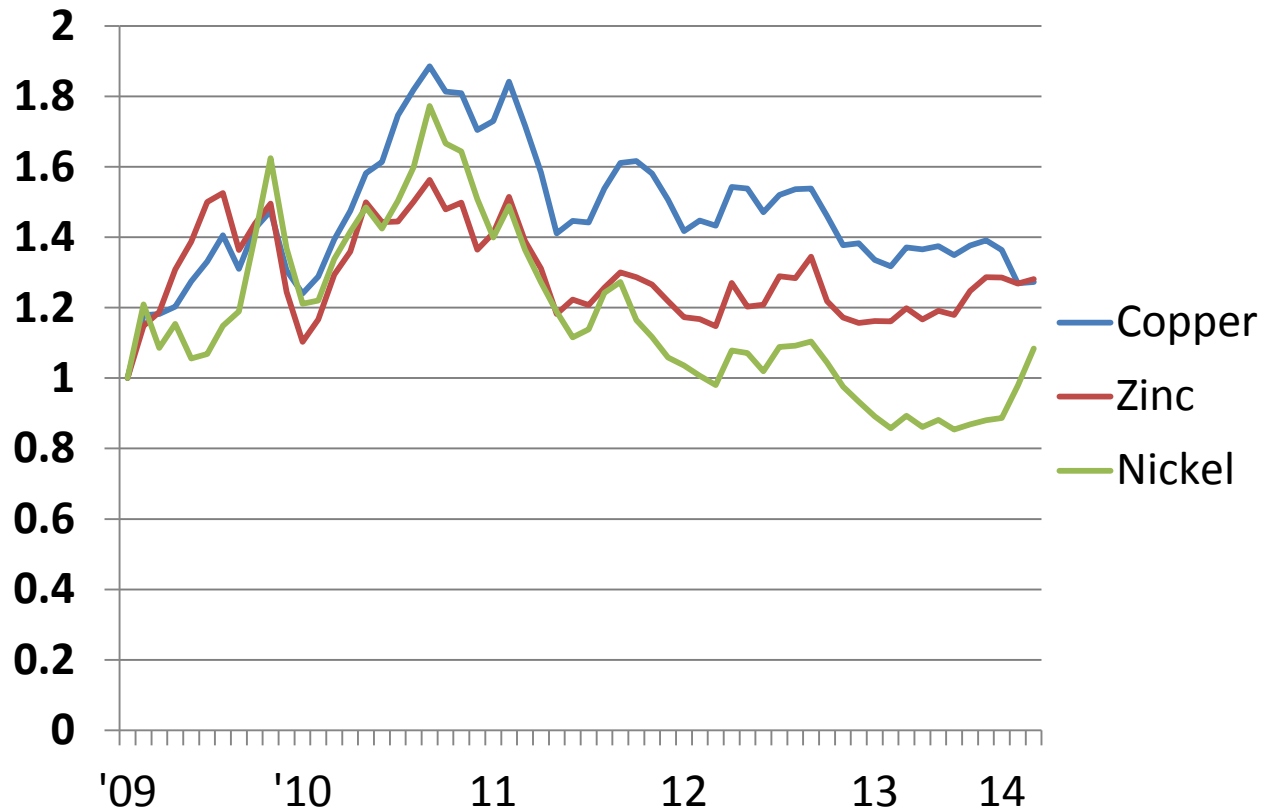
2012 Electricity Prices (U.S. cents per Kwh)

Country	Price
United States	8.69
Germany	15.15
U.K.	12.45

Manufacturing Wages, China, India and U.S. (2002 = 1.00)



Selected Commodity Prices (1/1/2009 = 1.00)





Questions?