



Alaska's Role in World Energy Supplies

Meet Alaska 2012

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January 6, 2012



CAUTIONARY STATEMENTS

REGARDING FORWARD-LOOKING STATEMENTS

This presentation includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, and the forward-looking statements speak only as of the date on which such statements are made. You can identify forward-looking statements by words such as “anticipate,” “estimate,” “believe,” “continue,” “could,” “intend,” “may,” “plan,” “potential,” “predict,” “should,” “will,” “expect,” “objective,” “projection,” “forecast,” “goal,” “guidance,” “outlook,” “effort,” “target” and other similar references to future periods.

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Accordingly, our actual results could differ materially from those described in the forward-looking statements due to a variety of factors, including the economic, business, competitive and regulatory factors affecting our business generally as set forth in Item 1A of the company’s 2010 Form 10-K, including our Form 10-K and other reports and filings with the SEC. Copies are available from the SEC and from the ConocoPhillips website. Unless legally required, the company undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

REGARDING RESERVES

Cautionary Note to U.S. Investors – The SEC permits oil and gas companies, in their filings with the SEC, to disclose only proved, probable and possible reserves. We use the term “resource” in this presentation that the SEC’s guidelines prohibit us from including in filings with the SEC. U.S. investors are urged to consider closely the oil and gas disclosures in our Form 10-K and other reports and filings with the SEC. Copies are available from the SEC and from the ConocoPhillips website.

- **Oil and Natural Gas Outlook**
- **Alaska's Role in Supplying Energy**
- **Investment Challenges in Alaska**

Crude Oil Outlook



Short-Term

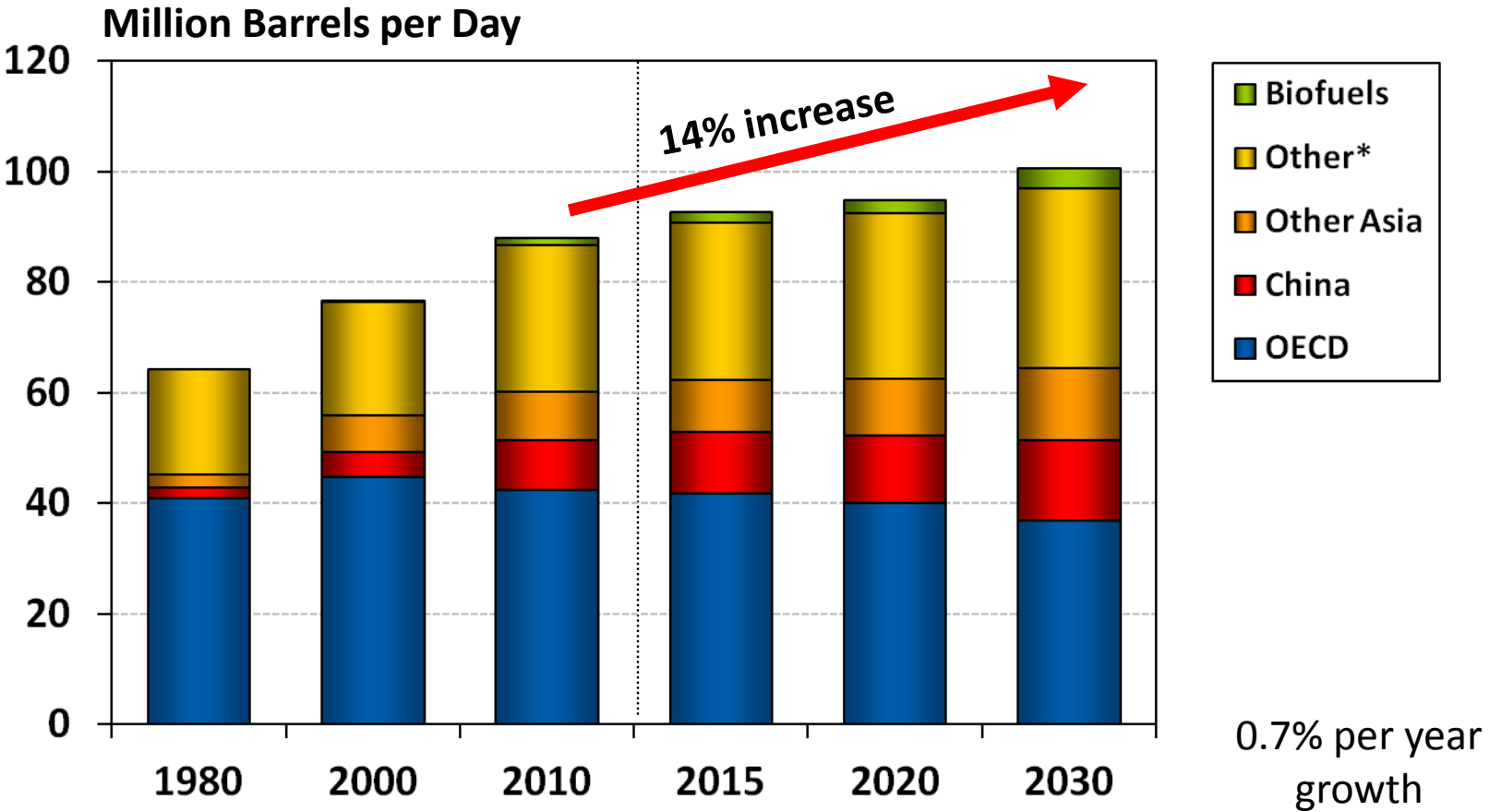
- **Looser oil balance than at start of 2011**
 - Slowing global economic and oil demand growth
 - Libyan production returning

Long-Term

- **Moderate pace of global demand growth**
 - Uncertain rate of global economic growth
 - Peak oil demand in OECD
 - Significant growth in developing countries
- **Uncertainty about whether supply increases will keep pace with global demand growth**
 - Constrained resource access for conventional oil
 - Geopolitical impacts on supply (e.g., Arab Spring, U.S. troops leaving Iraq)
 - BUT: Increased availability of unconventional and other frontier supplies
- **Cost increases maintaining higher-than-historical oil price**

Long-Term World Oil Demand Outlook

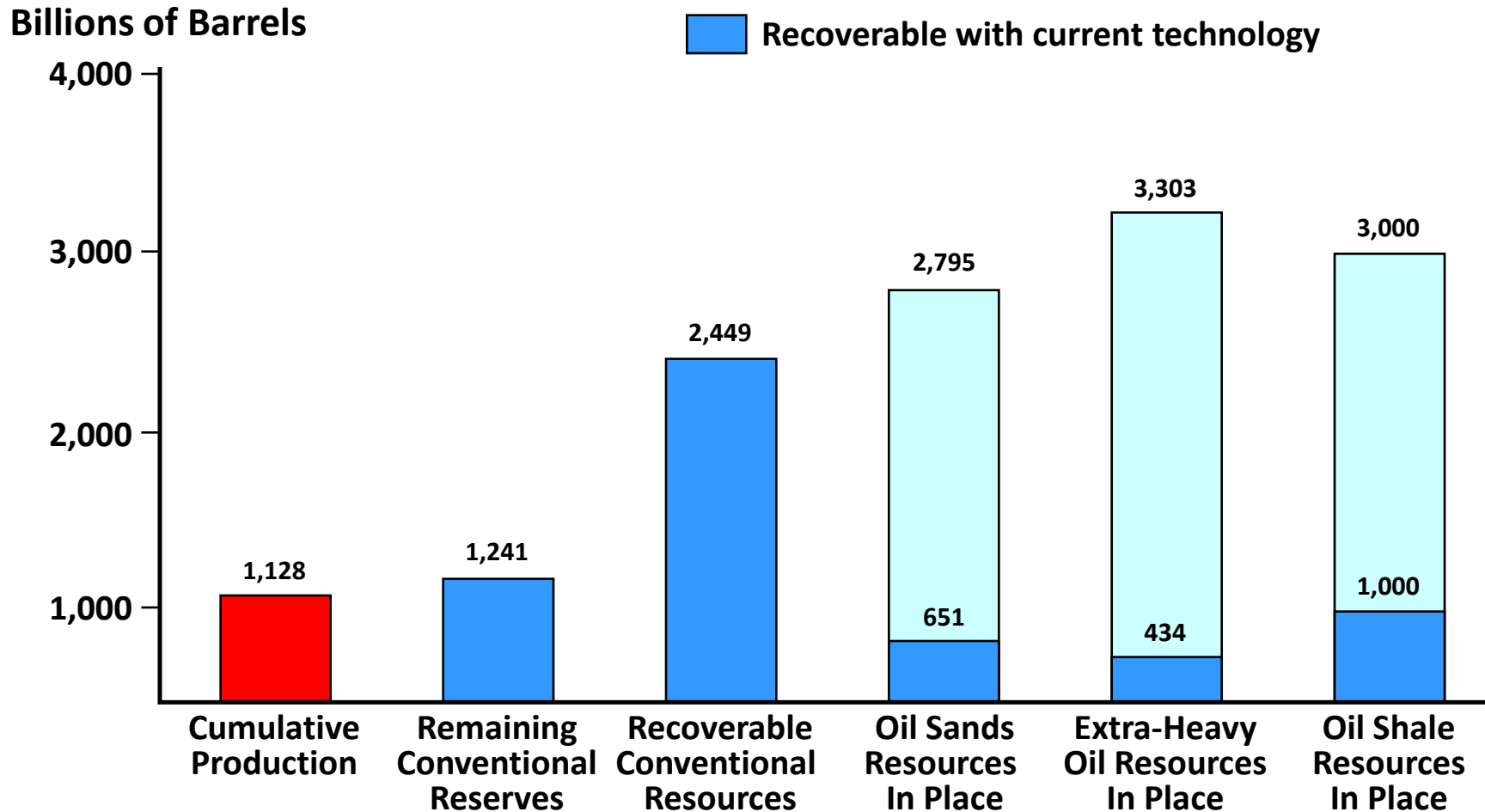
IEA Benchmark “New Policies” Scenario



OECD demand has peaked but significant growth is projected in developing countries

Source: International Energy Agency, “2011 World Energy Outlook”
 *Other includes other developing countries and international marine bunker fuel

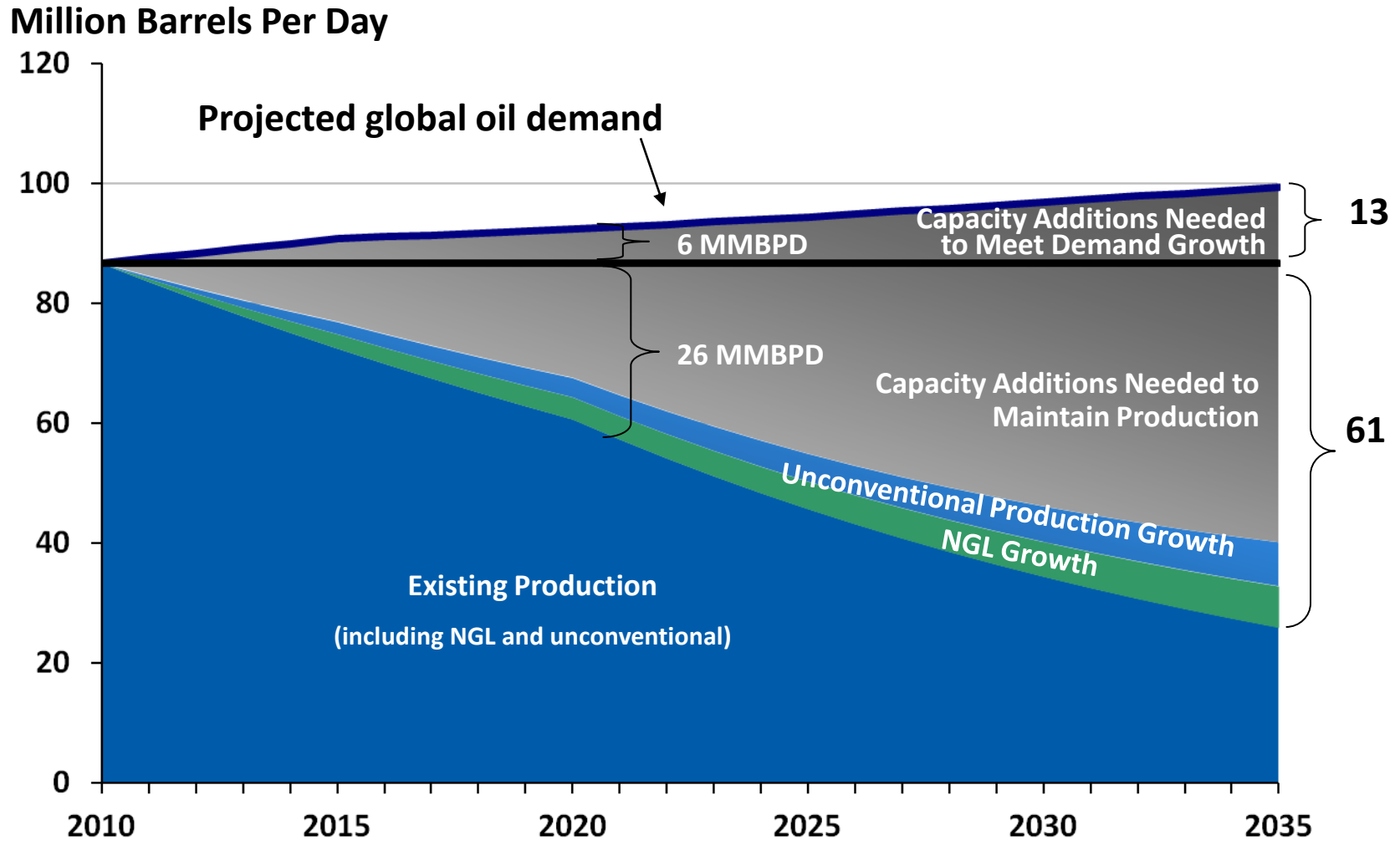
The Earth's Oil Endowment



Enormous unconventional resource potential

Source: IEA World Energy Outlook 2008

Future Oil Supply Needs

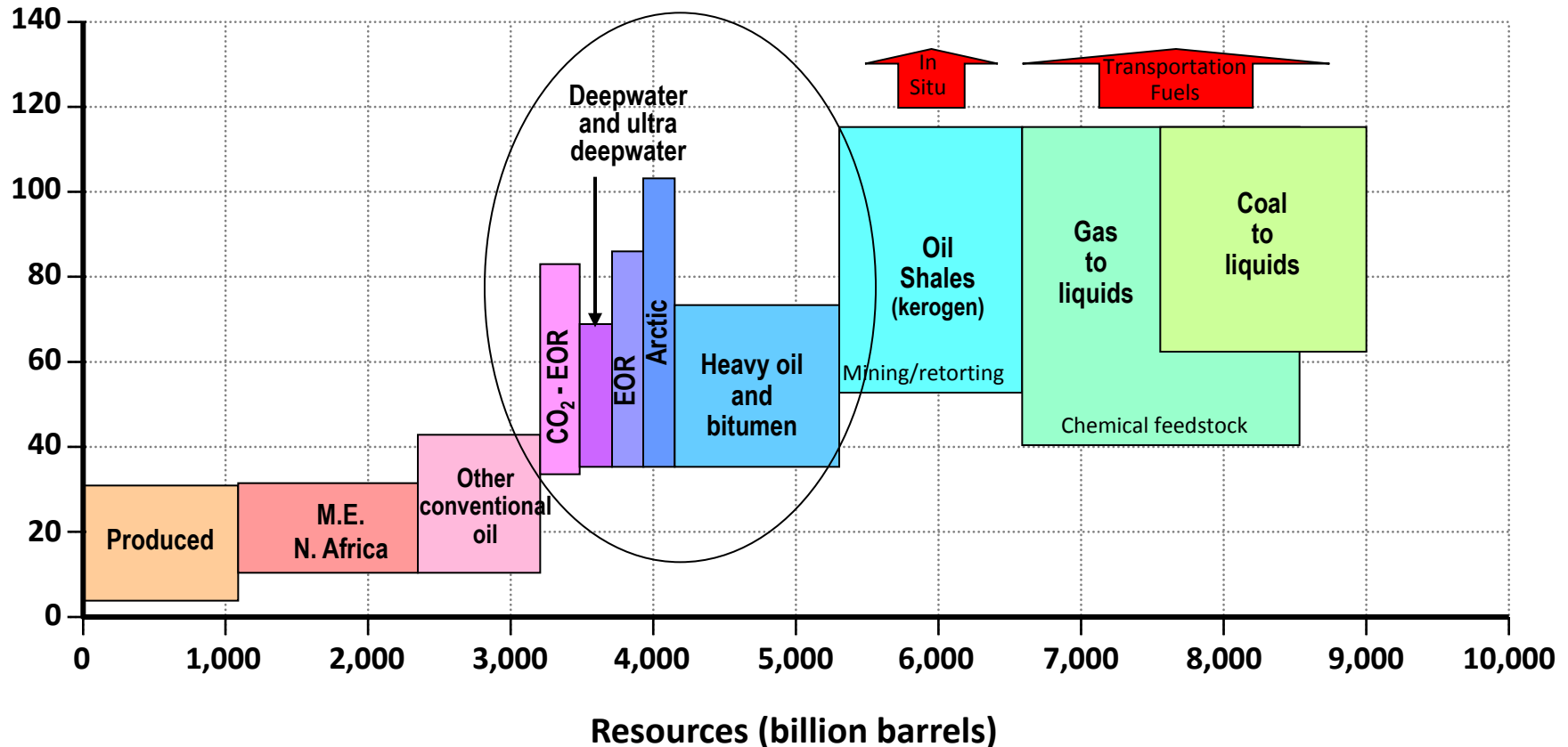


Significant capacity additions required

Source: Based on IEA World Energy Outlook 2011
Assumes 4.6% decline (3.5% between 2010 and 2020 and 5.5% between 2020 and 2035)

Long-Term Oil Supply Costs by Source

Production cost* (\$2010 Dollars per Barrel)

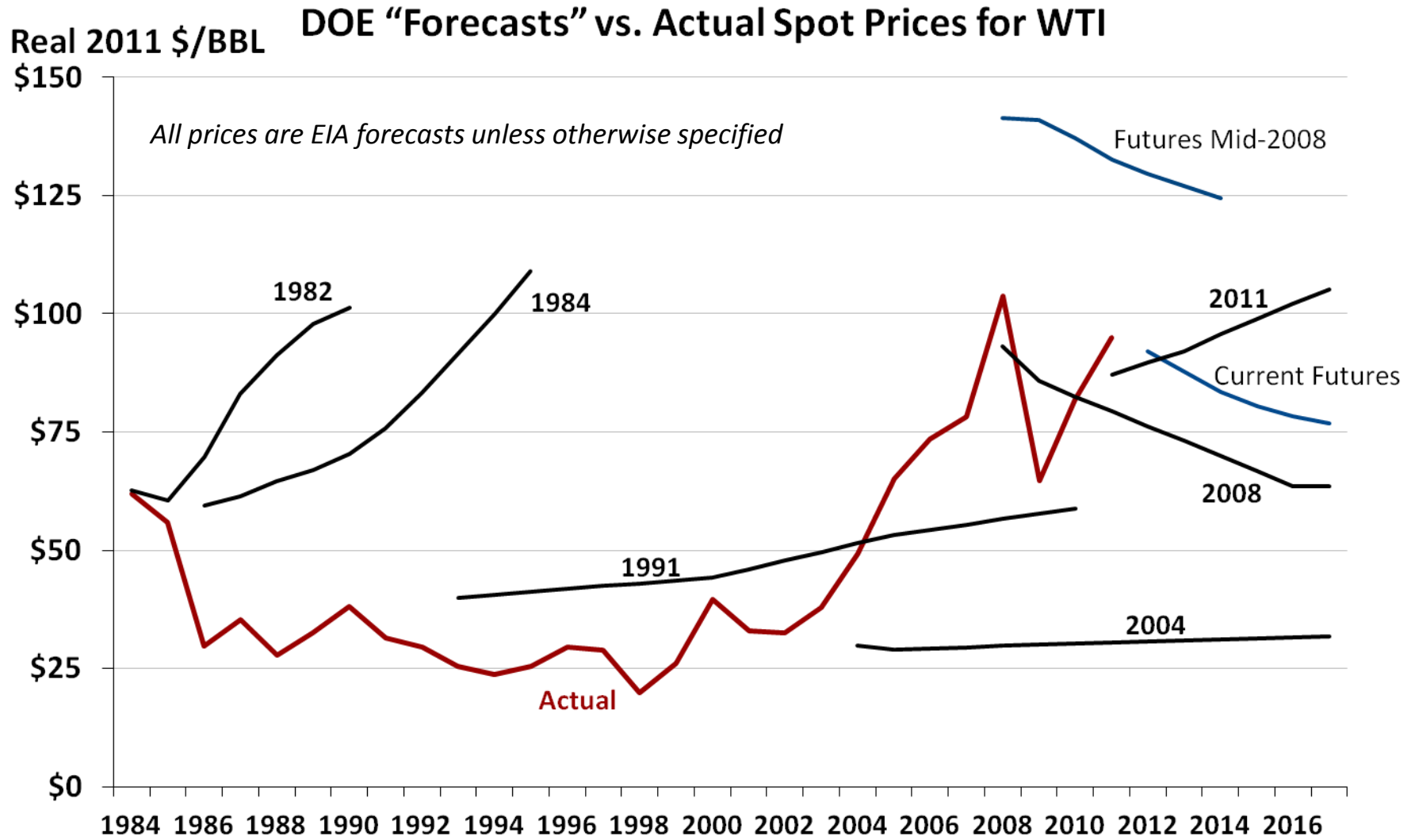


Unconventional resources are more accessible but may have higher costs

Source: IEA World Energy Outlook 2008

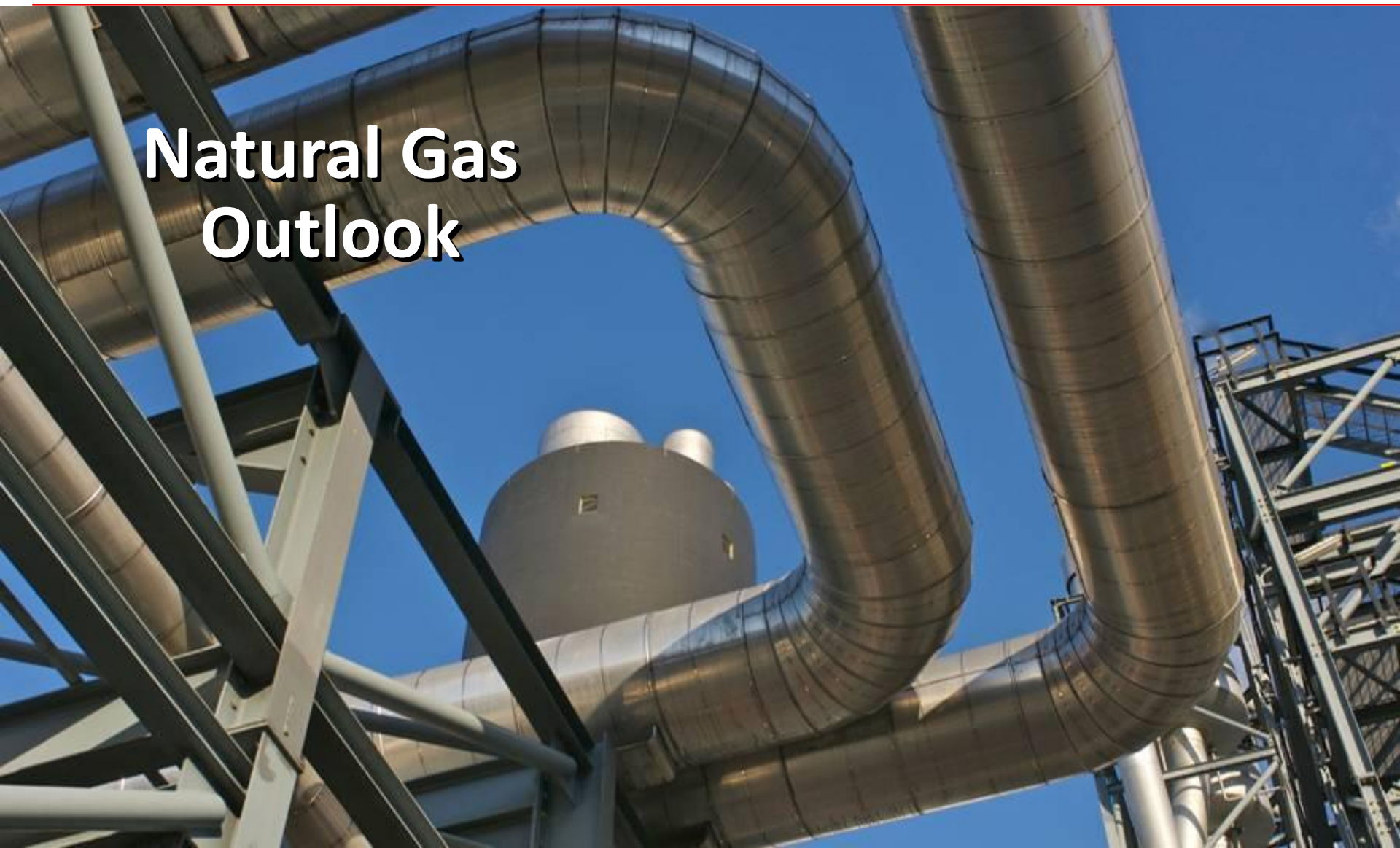
* Pre-tax full-cycle cost, including 10% return; excludes biofuels

Predicting Crude Prices is Daunting



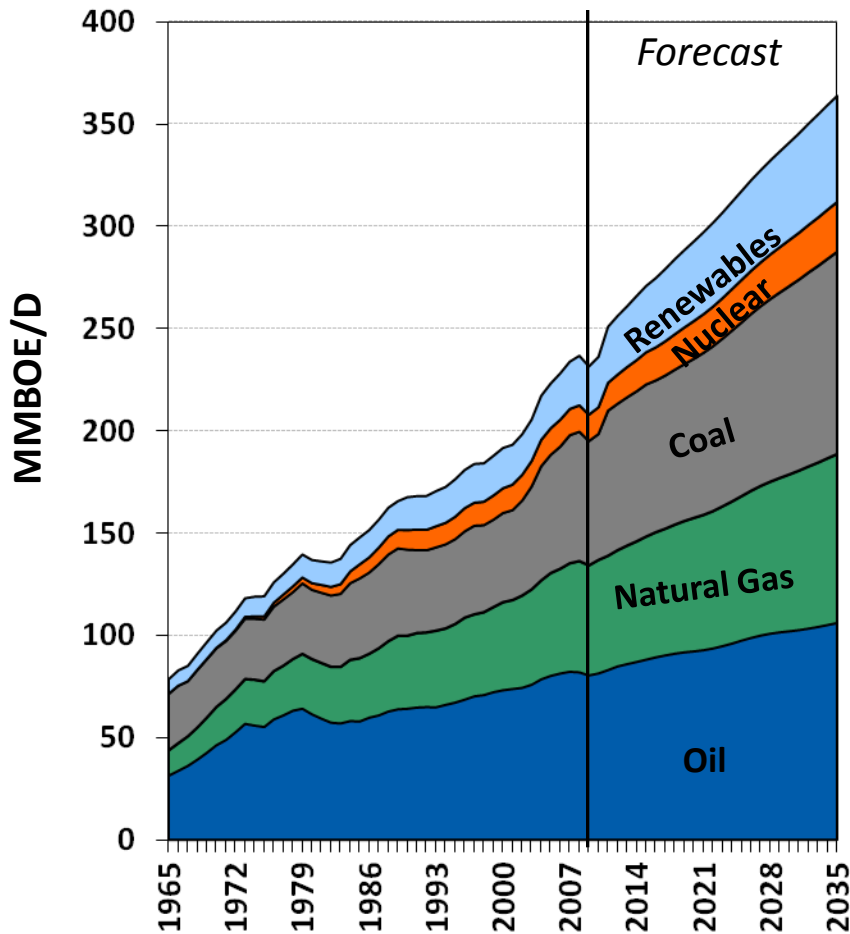
Source: U.S. Department of Energy, EIA Annual Energy Outlook, 1982, 1984, 1991, 2004, 2008 and 2011; NYMEX for futures as of 12/15/11

Natural Gas Outlook

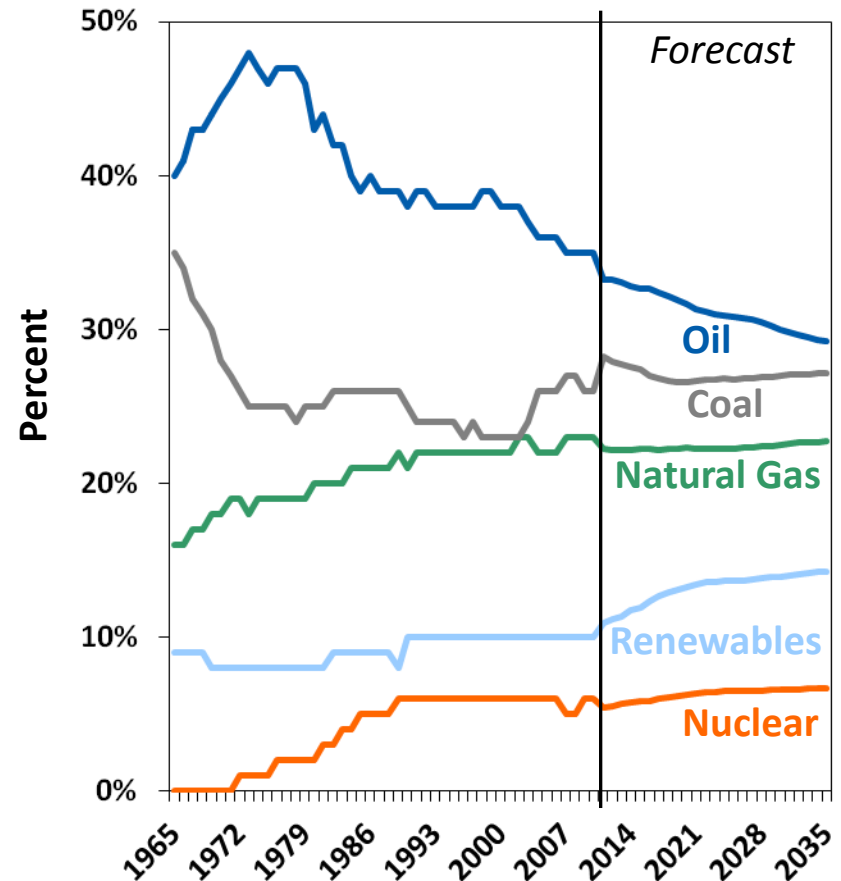


Global Energy Demand By Fuel

Global Energy Demand

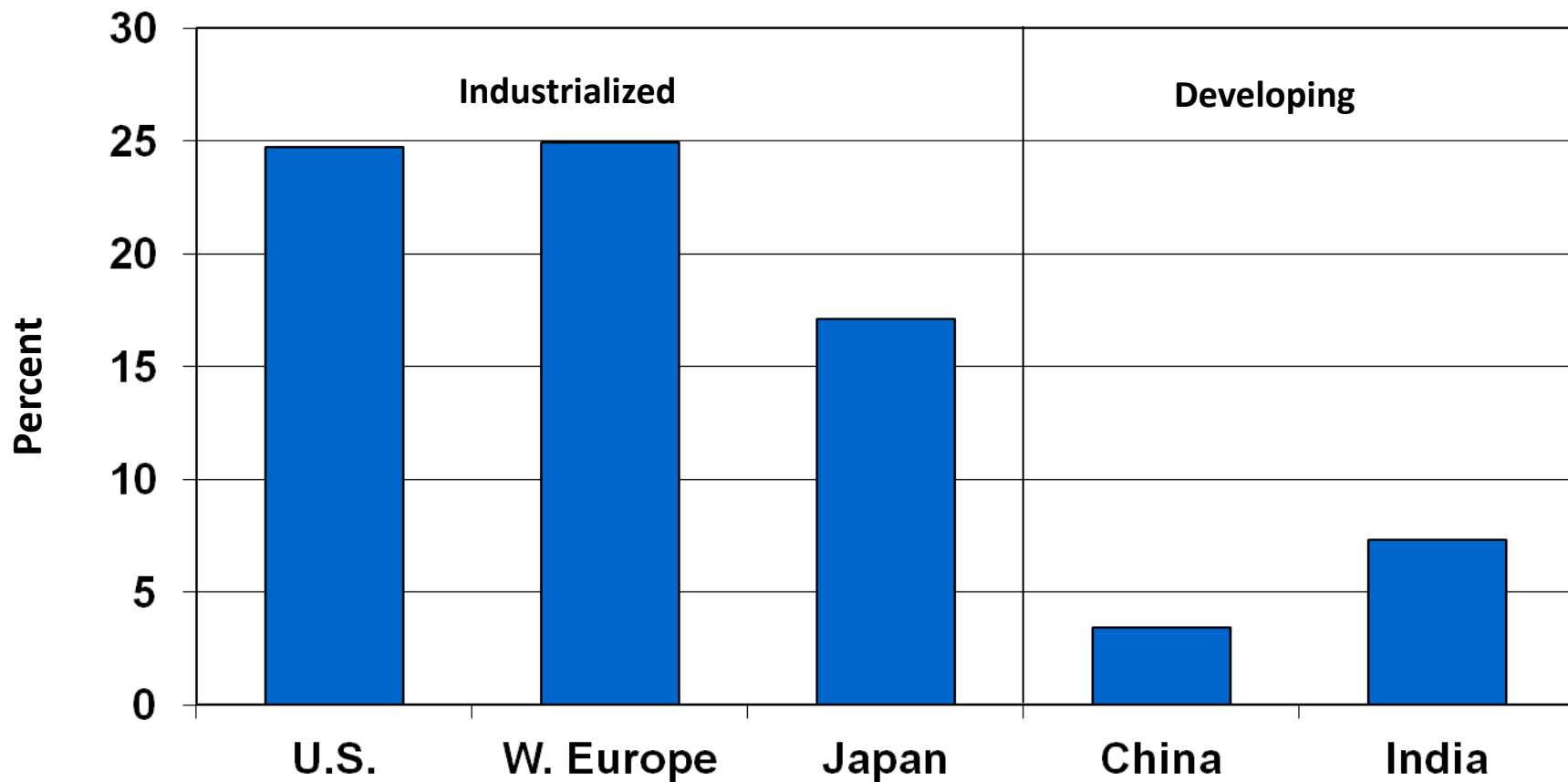


Market Share by Fuel



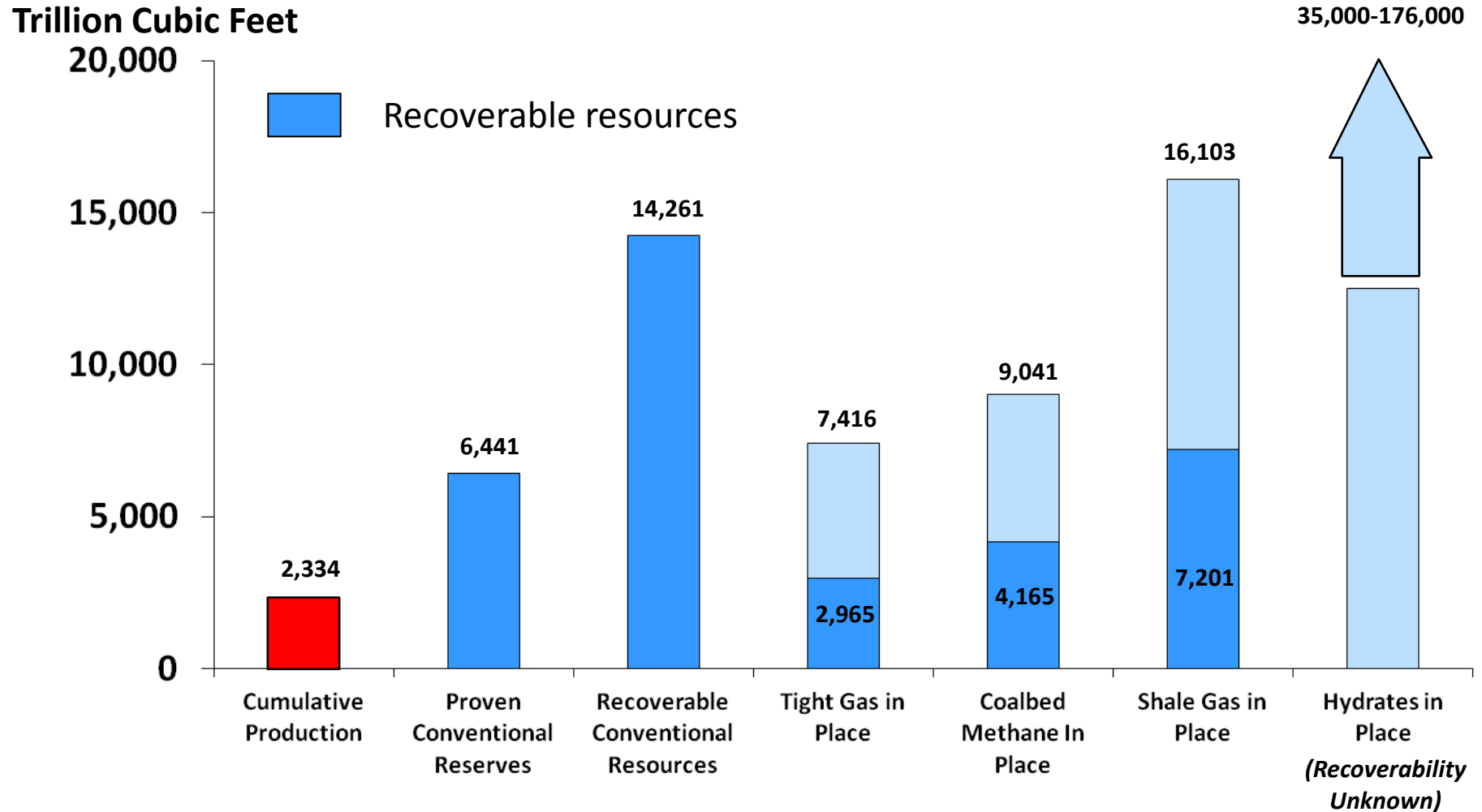
Oil losing market share with small gain for natural gas

Gas Share of Primary Energy Demand



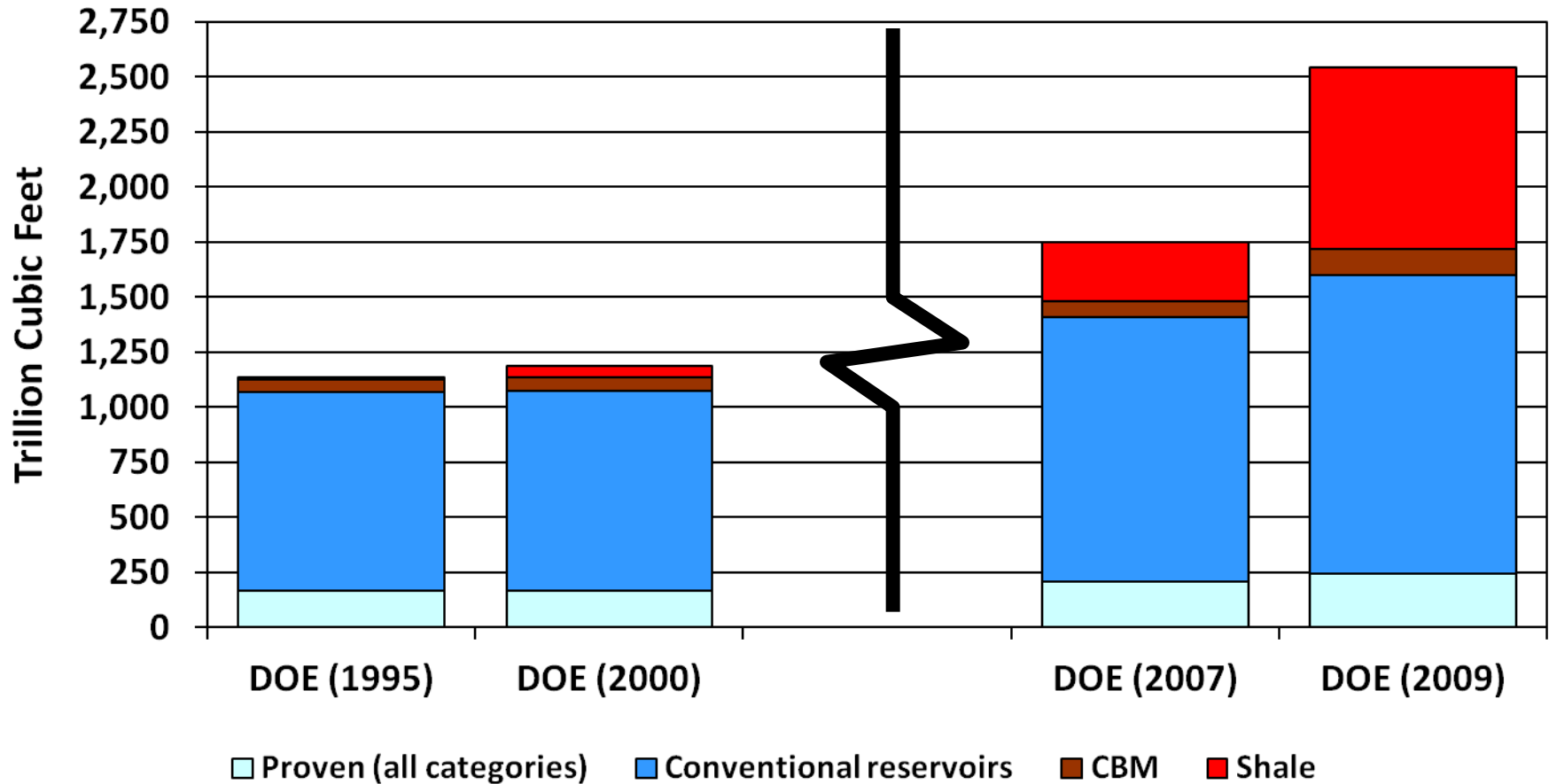
Gas penetration still very low in developing nations

Global Natural Gas Endowment



Over 300 years of technically recoverable reserves & resources

U.S. Natural Gas Reserves and Resources



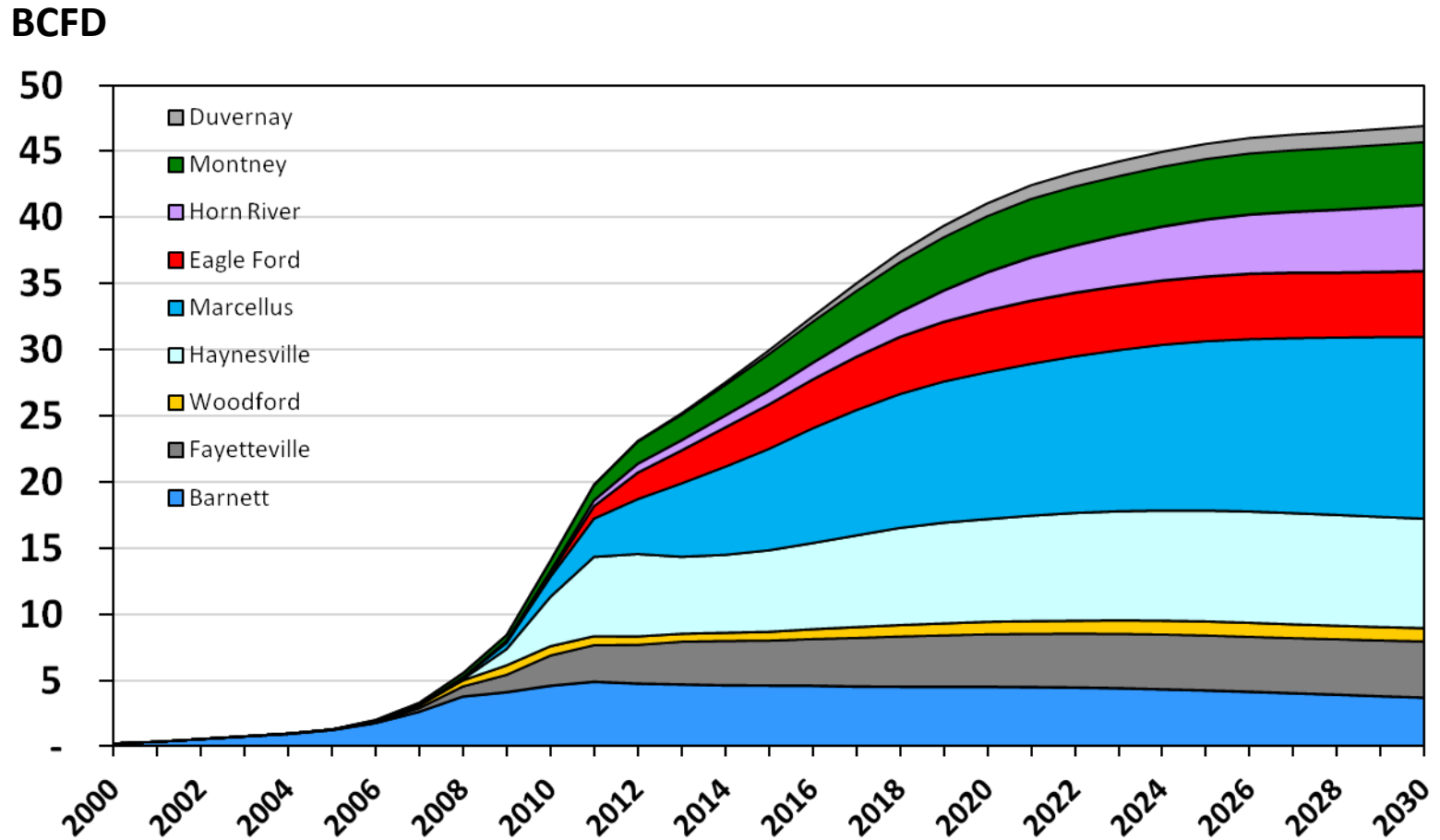
Sharp increase in shale gas resource estimates in recent years

“Proven” = SEC proven reserves; all other categories shown are technically recoverable resources

DOE = Data from U.S. Department of Energy, Energy Information Agency “Annual Energy Outlook”; data are as of January 1 of year indicated; 2007 data published in 2009 report

Tight Gas is included in Conventional Resource estimates for all years

Gas Production Outlook from Key North American Shale Gas Plays

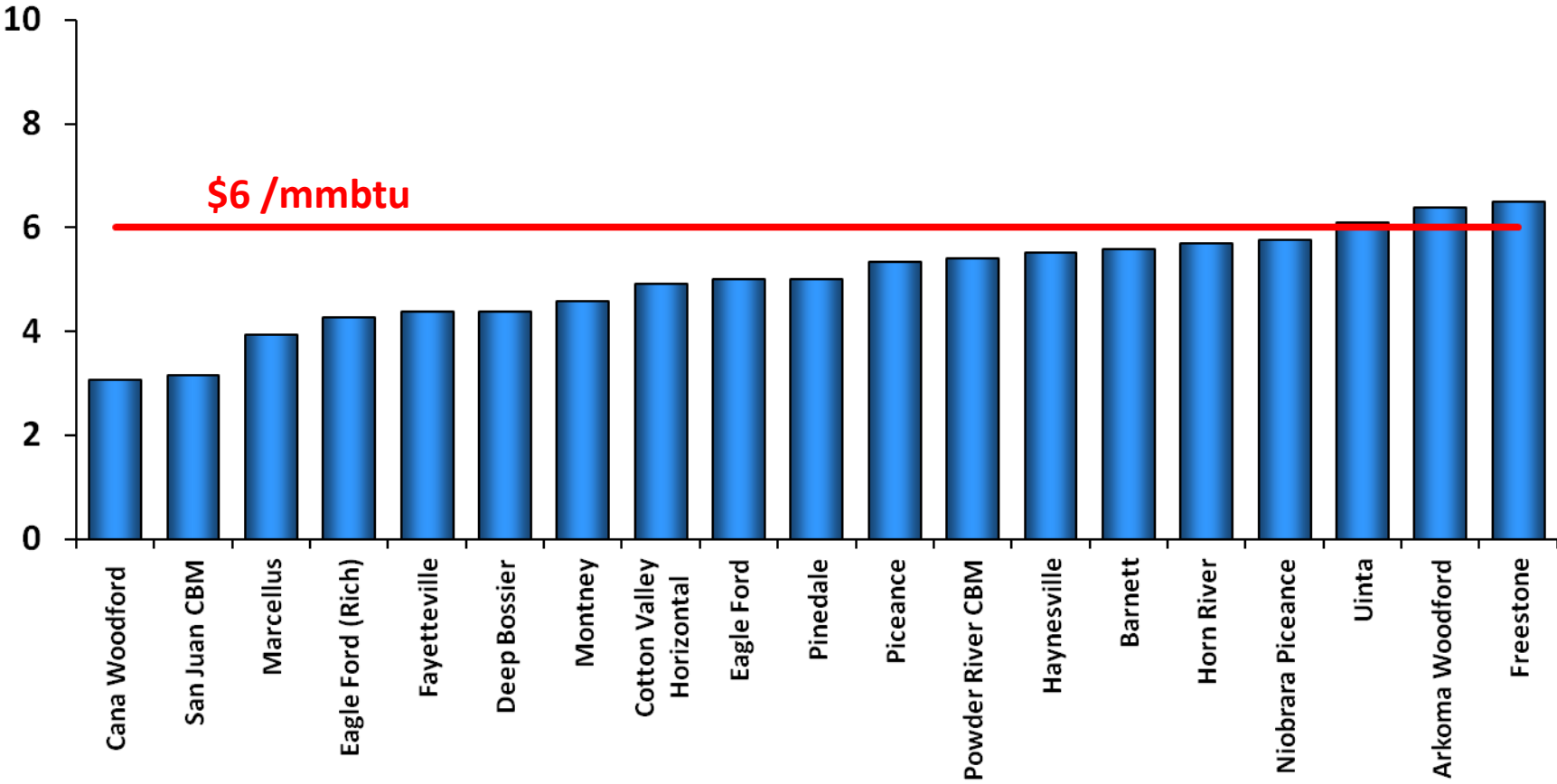


Large increase in North American shale gas production through 2020

Cost of North American Resource Plays



Cost of service (\$/MMbtu)

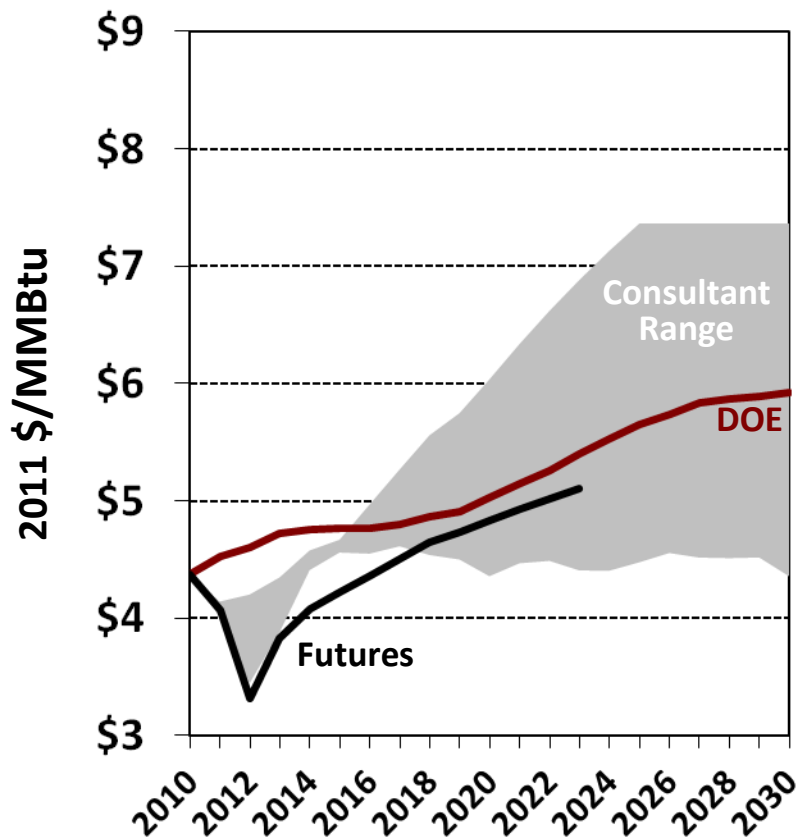


Attractive economics for North American resource plays

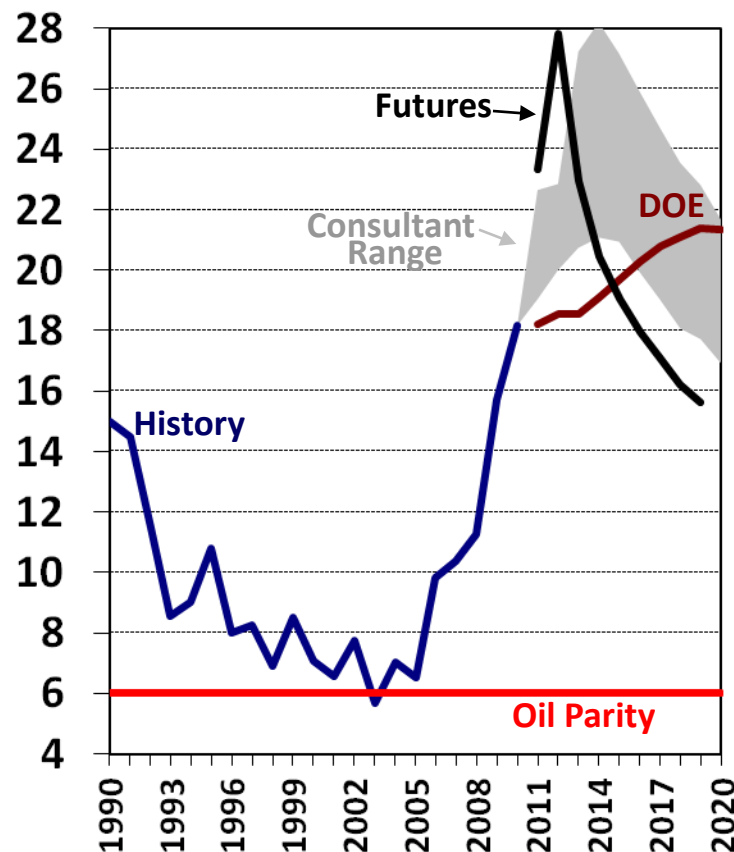
Sources: Ross Smith & ConocoPhillips

Natural Gas Price Outlook

Henry Hub Gas Price



Crude-to-Gas Price Ratio*



U.S. natural gas prices are expected to remain disconnected from oil prices

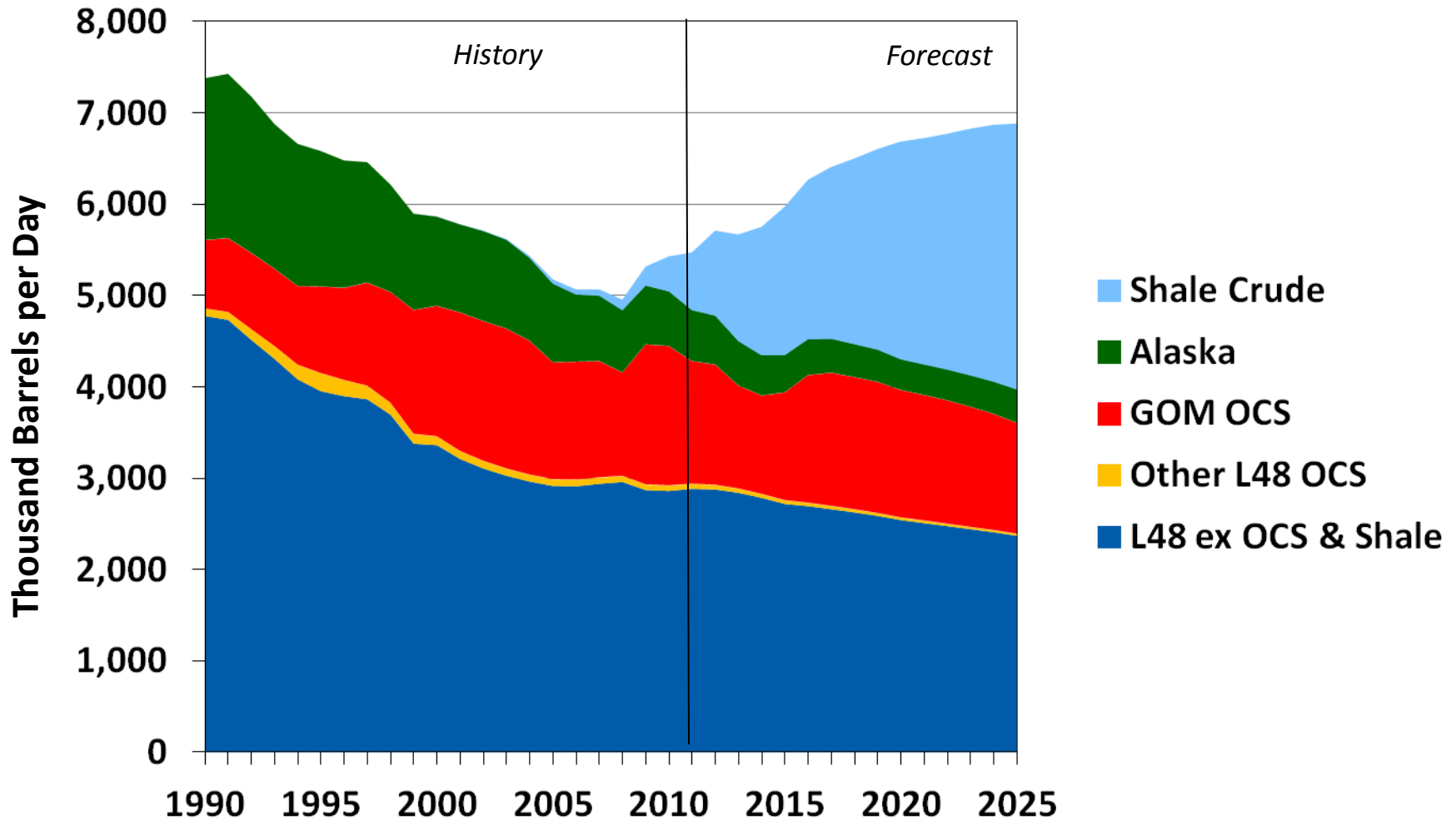
Sources: Futures is NYMEX settle on 12/15/2011; DOE is 2011 Annual Energy Outlook

* WTI (\$/bbl) divided by Henry Hub (\$/mmbtu)

ALASKA'S ROLE IN SUPPLYING ENERGY



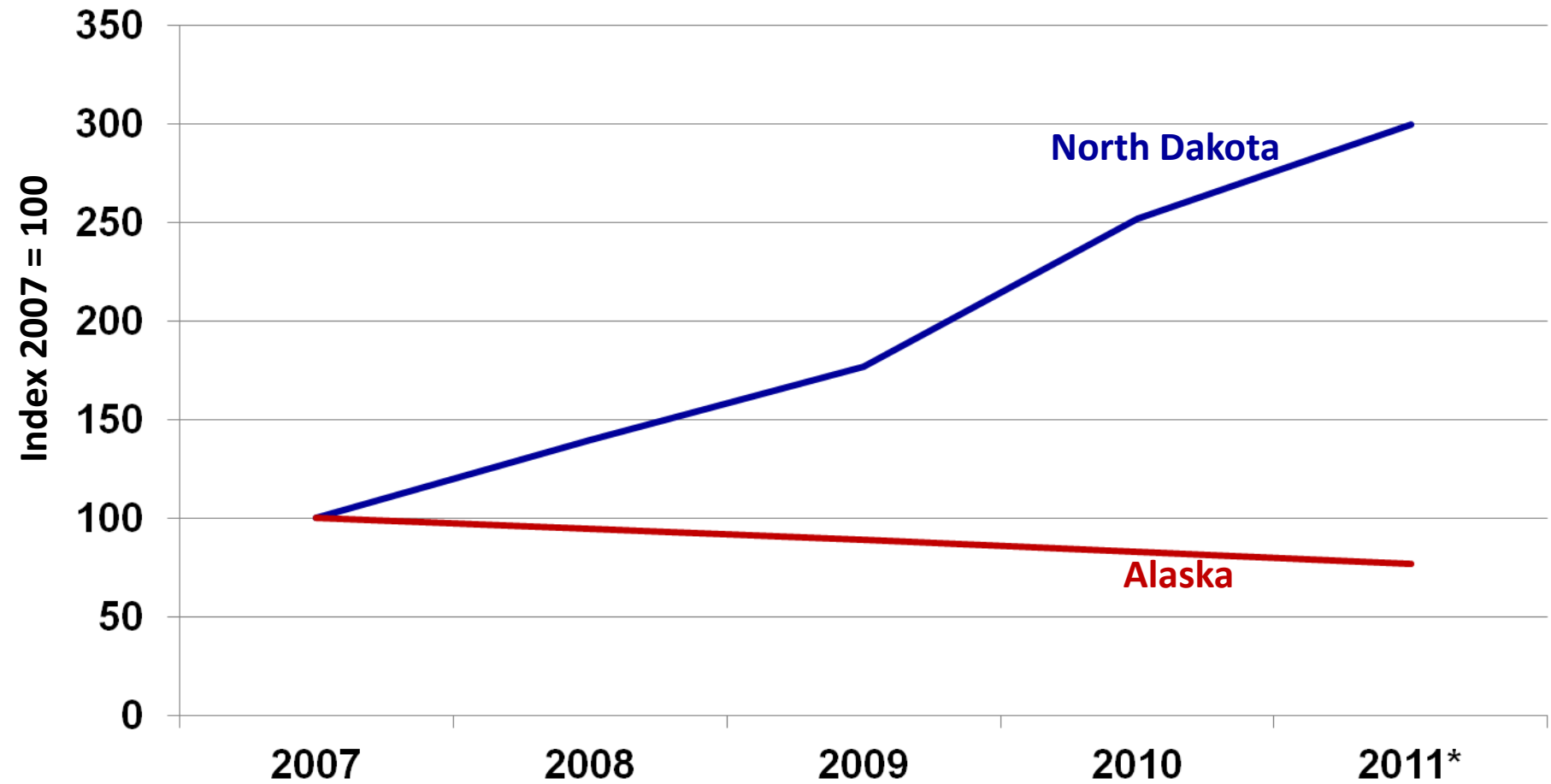
U.S. Crude Oil Production



Alaska's share is diminishing

Comparison of Oil Production

A Tale of Two States

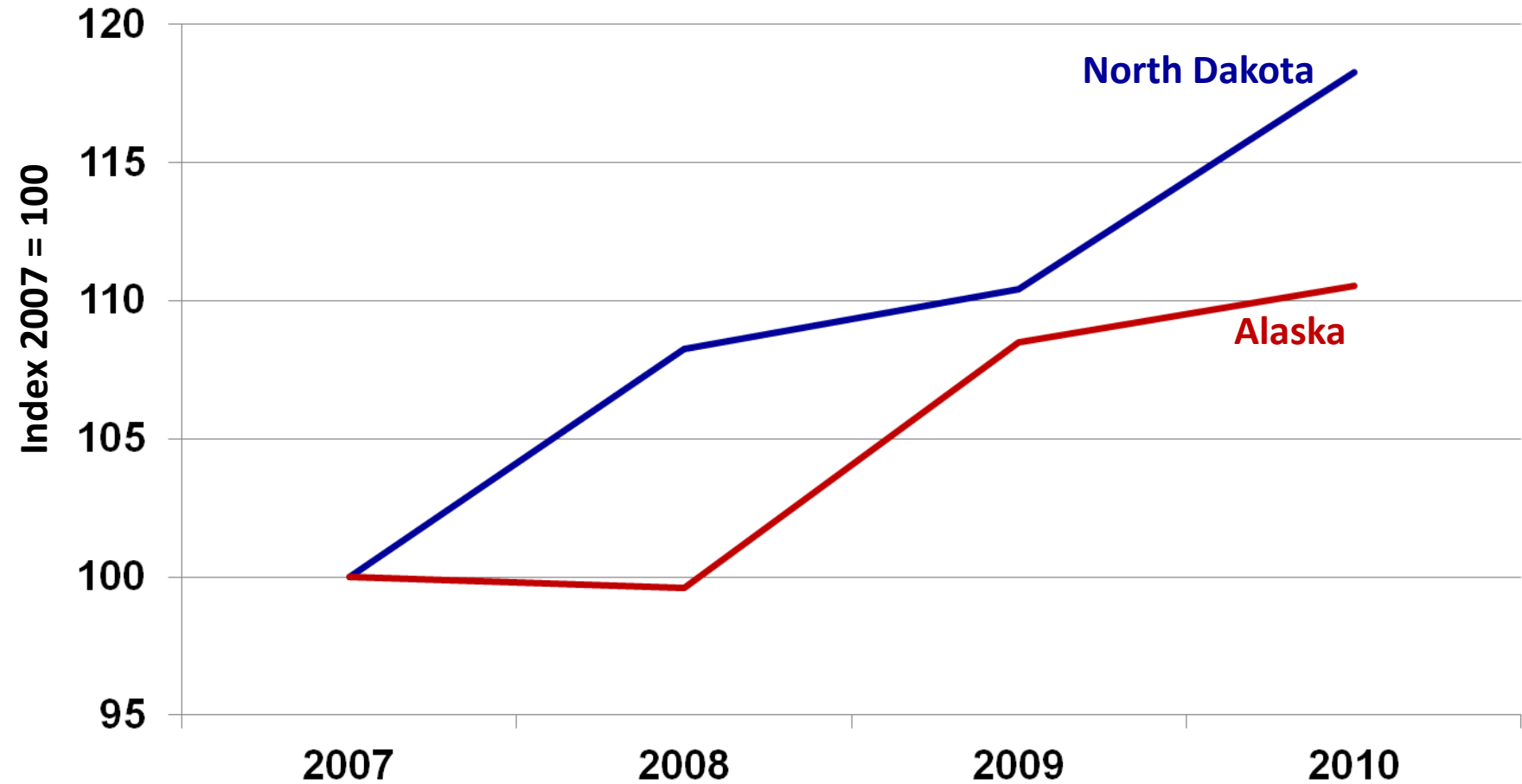


Production declining in Alaska vs. strong growth in North Dakota

Source: U.S. Department of Energy – State Oil Production indexed to 2007 = 100
2011 through July

Comparison of GDP Growth

A Tale of Two States

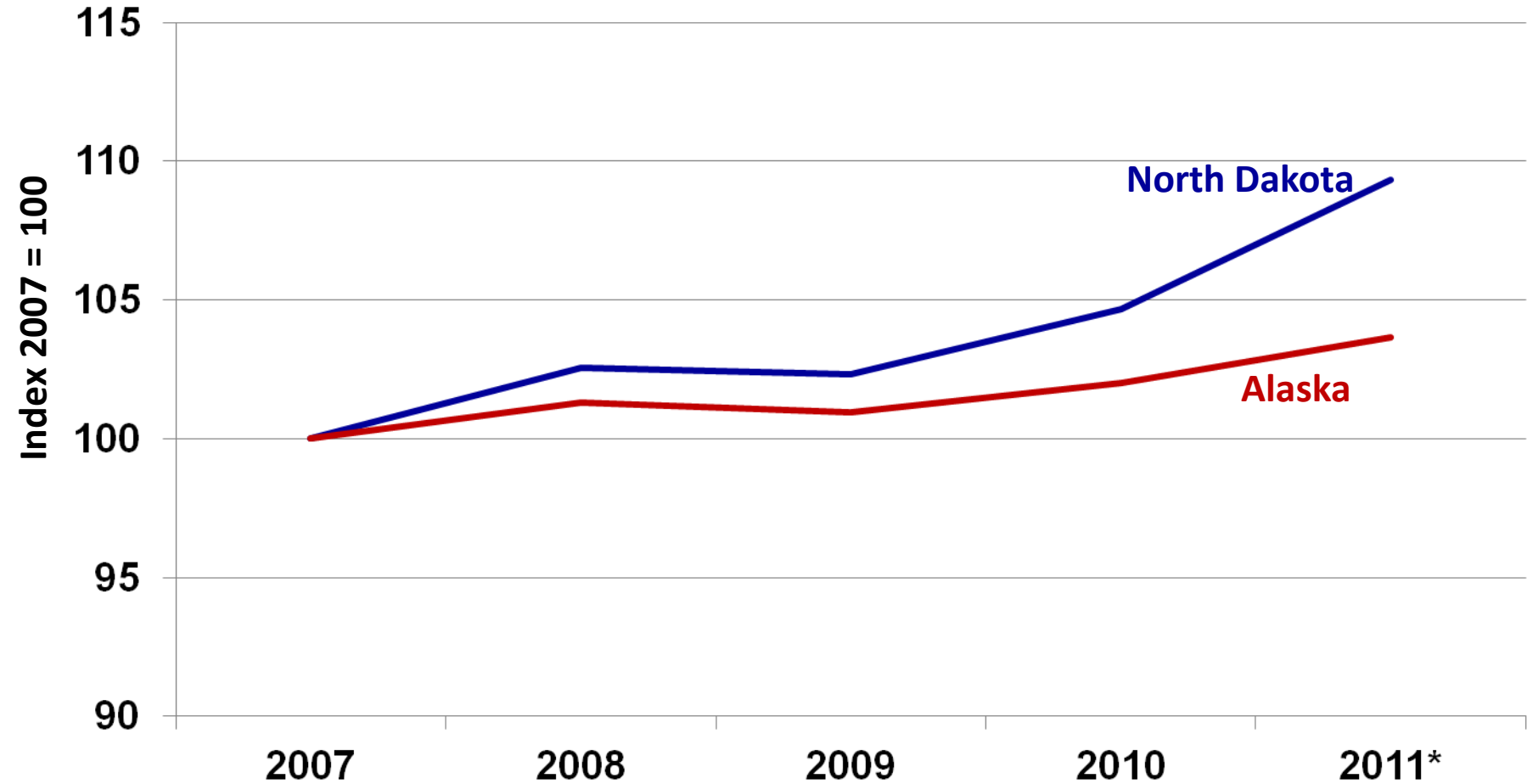


GDP has not grown as much in Alaska despite high oil prices

Source: U.S. Department of Commerce, Bureau of Economic Analysis – Real State GDP (Real 2005\$) indexed to 2007 = 100

Comparison of Job Growth Rate

A Tale of Two States

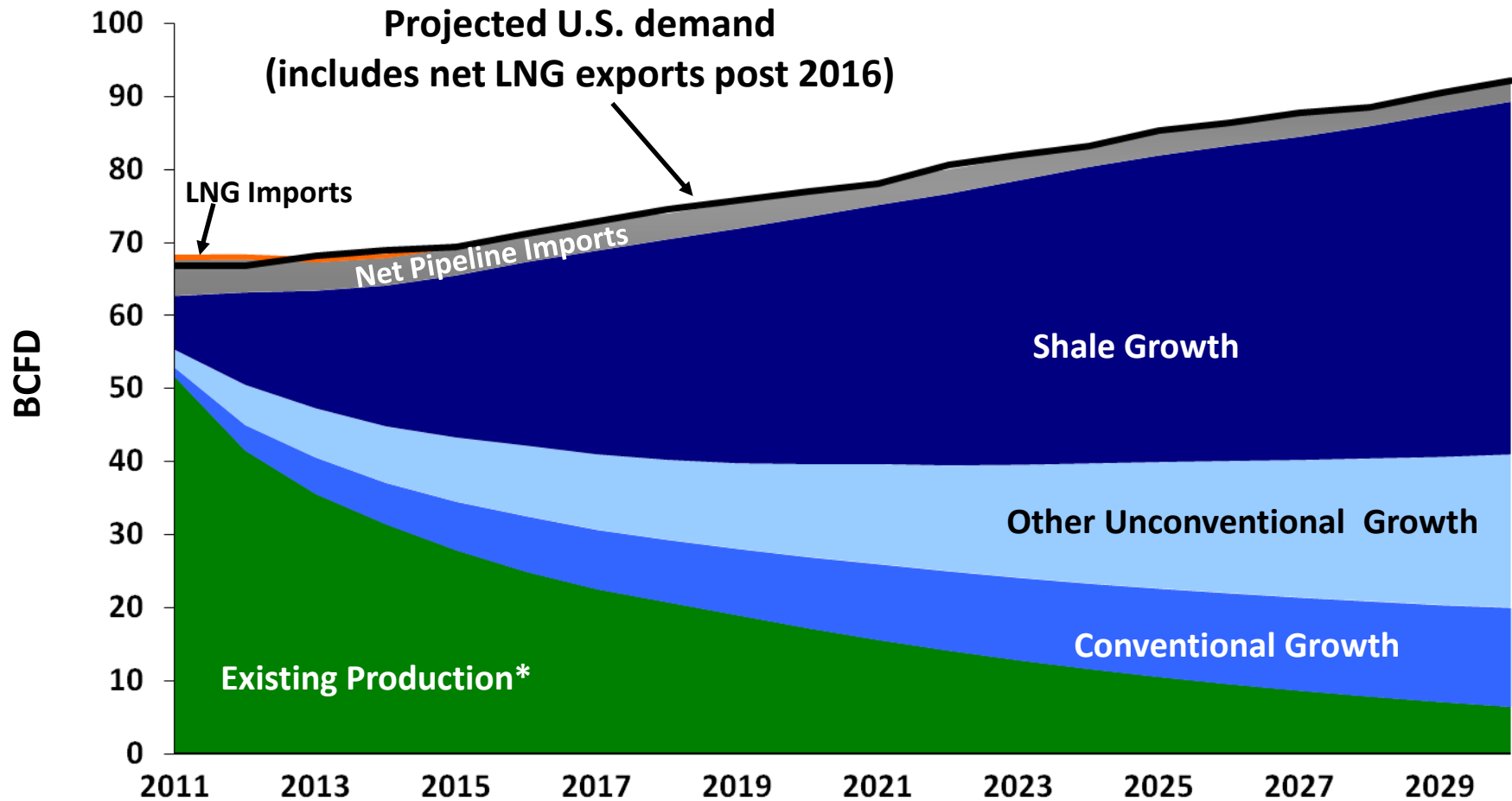


Jobs growth is taking off in North Dakota

Source: U.S. Department of Commerce, Bureau of Economic Analysis – Total Non-Farm payroll data indexed to 2007 = 100
2011 YTD through October

U.S. Natural Gas Supply Sources

Wood Mackenzie View



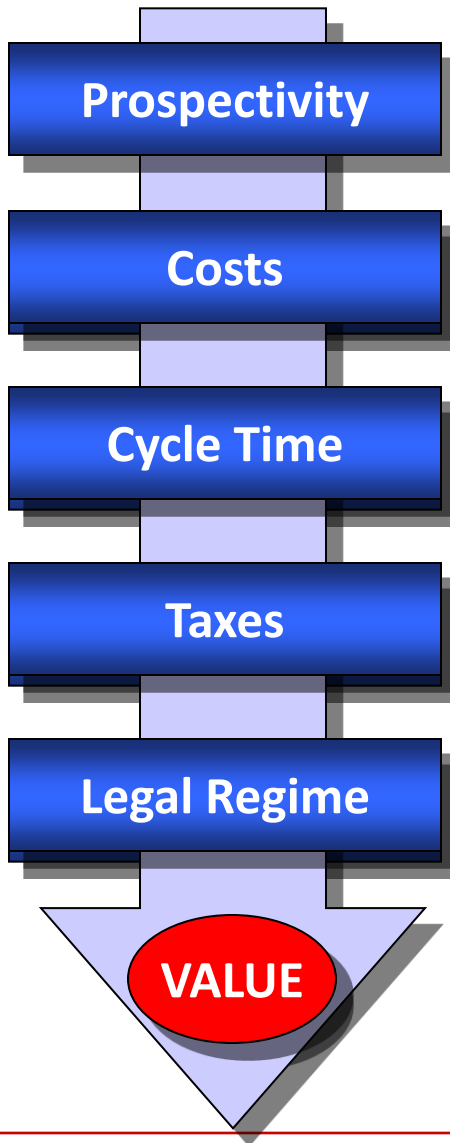
Shale growth challenging competitiveness of Alaska gas

Source: Wood Mackenzie

* Observed decline rate, including reinvestment

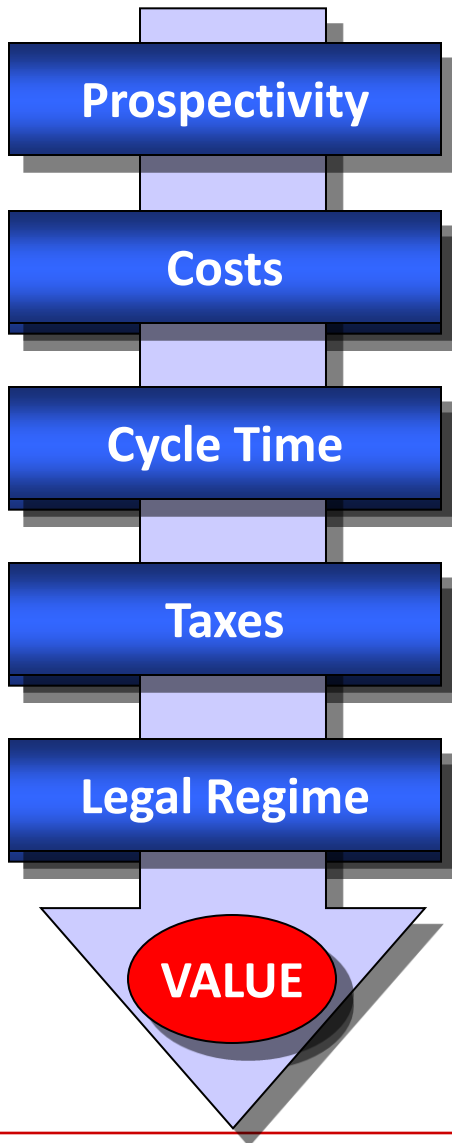
INVESTMENT CHALLENGES IN ALASKA





- Expected field size/maturity
- Crude quality
- Exploration, development & production cost
- Transportation costs to market
- Time to production
- Tax rates given prospectivity & cost
- Stability of fiscal regime
- Strong rule of law/political stability

Investment Criteria: How Alaska Ranks



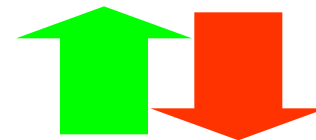
- Expected field size/maturity
- Crude quality

- Exploration, development & production cost
- Transportation costs to market

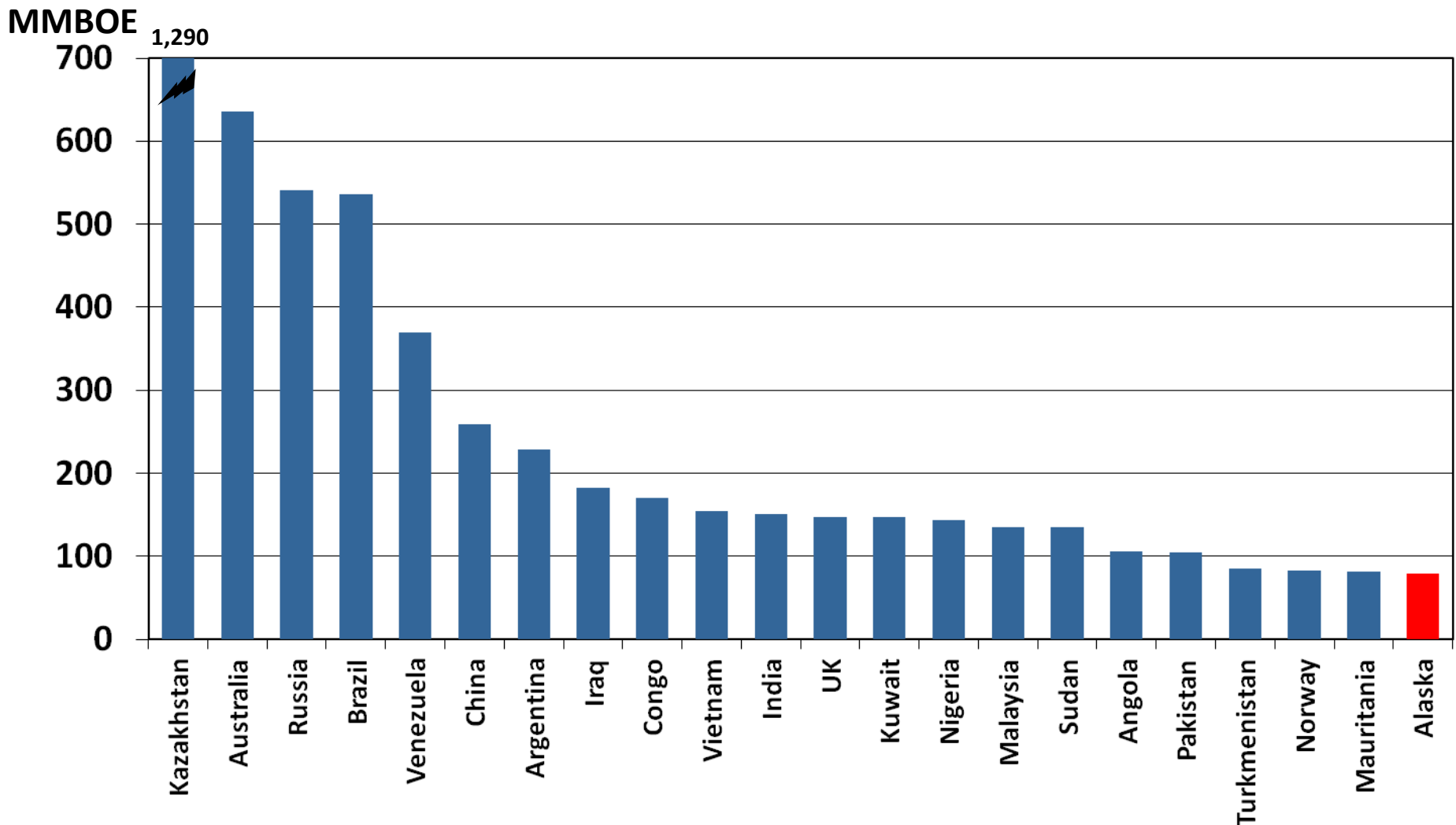
- Time to production

- Tax rates given prospectivity & cost
- Tax rates compared to other states & countries

- Strong rule of law/political stability
- Permitting/regulatory environment



Average Commercial Discovery Size (2000-2009)

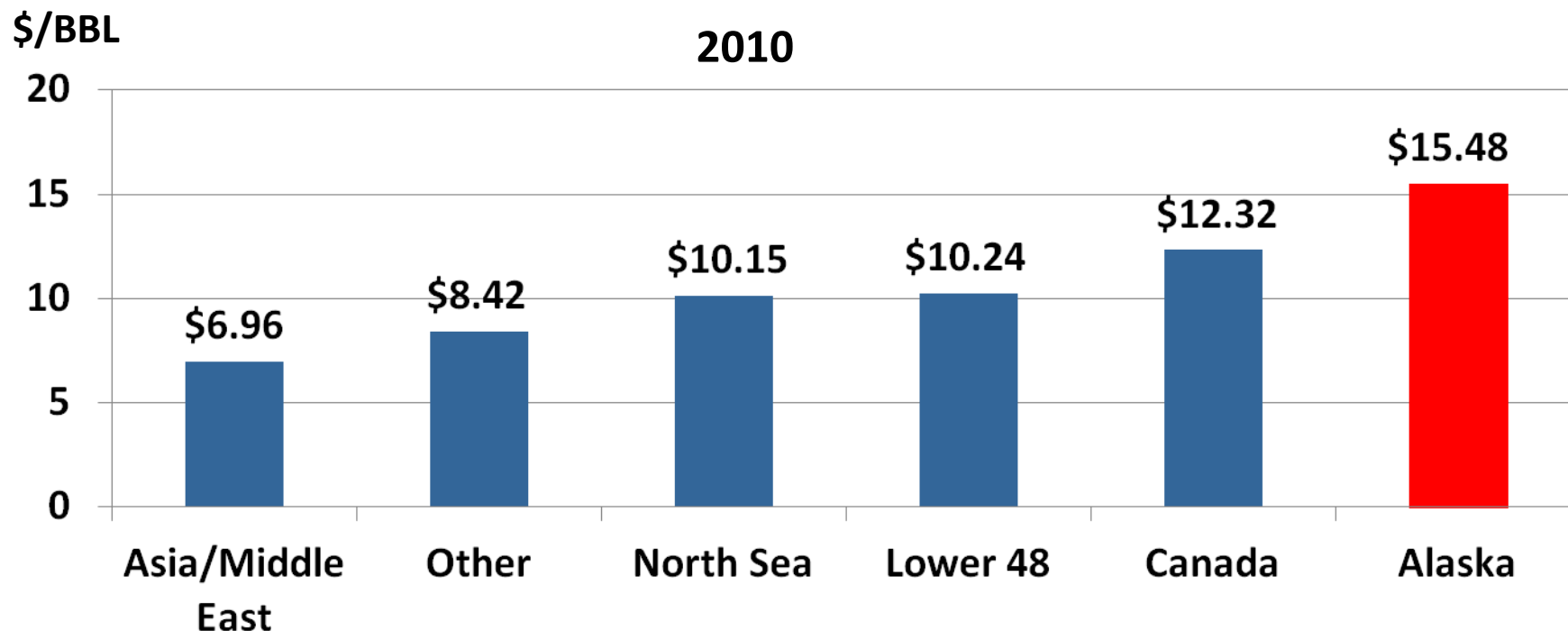


Lower prospectivity in Alaska

Source: Wood Mackenzie

The average discovery size is calculated as: total commercial reserves discovered (2000-2009) / total number of commercial fields discovered (2000-2009).

Costs in COP Portfolio

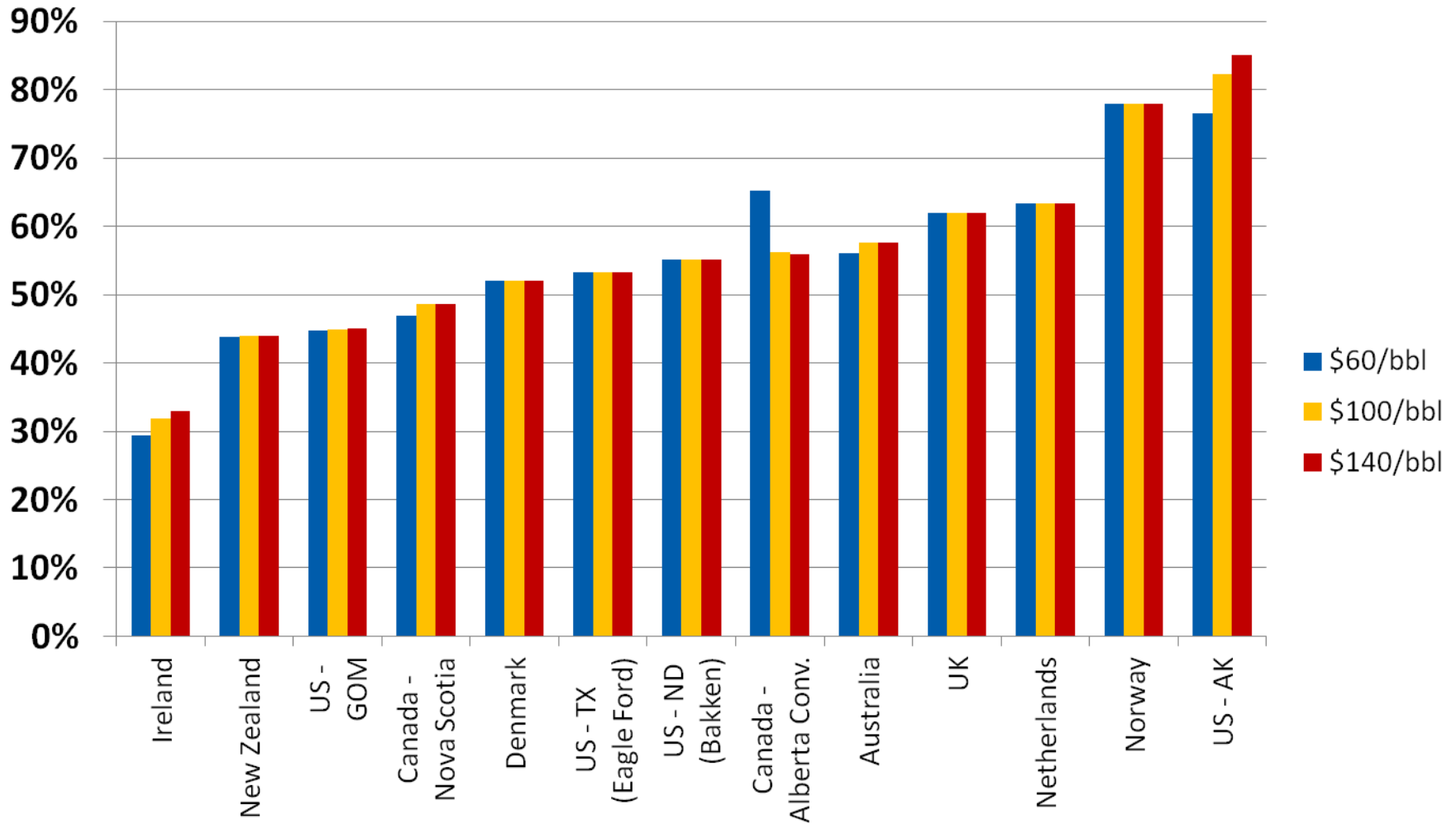


- Alaska costs are increasing at greater rate than other areas
 - Aging infrastructure concerns and increasing well work
 - Market forces
 - Regulations
 - Smaller, more complex field developments

Alaska has highest cost structure in COP portfolio

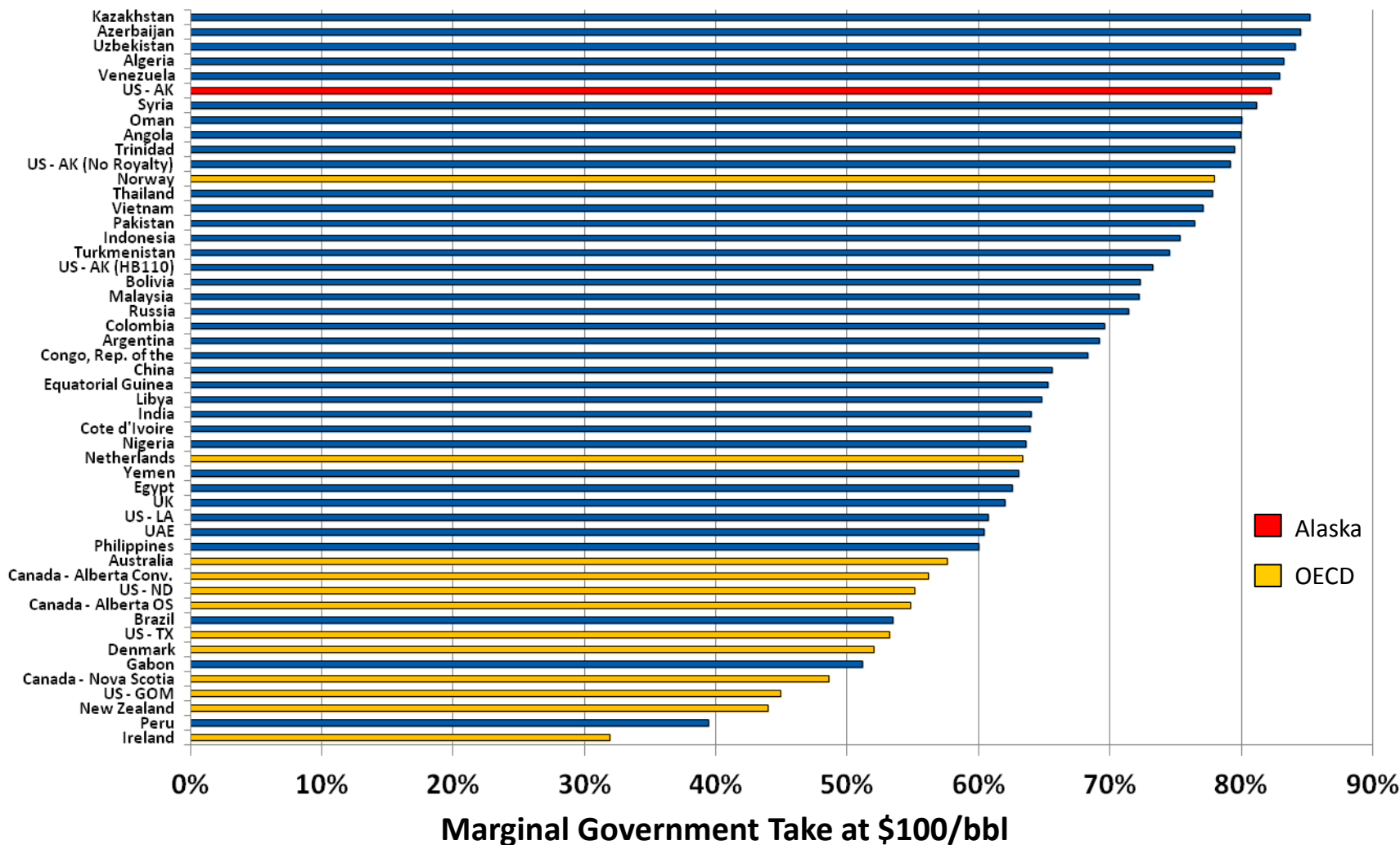
Alaska's Progressivity – Least Attractive Among OECD Countries at Current Prices

Marginal Government Take



Alaska's marginal take worsens as oil prices increase

... And Its Marginal Take is One of the Highest Globally



Other OECD marginal government take significantly below Alaska's take

- **“Tight oil” and shale gas driving production renaissance in the United States, and eventually globally**
- **Sustained period of natural gas oversupply in the United States**
- **Alaska’s role in supplying energy is diminishing**
- **Alaska is competitively challenged vs. other producing states and countries**
 - **Lower prospectivity**
 - **Higher cost**
- **Fiscal policy in Alaska is further diminishing its role**
 - **Current tax structure takes away the upside – flat earnings profile**
 - **High progressivity hurts project economics even in a high price environment**
- **High tax rate is limiting investment & production in Alaska**