

## Wyoming Economic Outlook And the boom goes on...

in constant Prediction: Oil prices at or

> above \$50 a barrel for years

> > From staff and wire reports

Wyoming's energy boom is likely to continue, with oil prices persisting near or above prices persisting near un quevro \$50 a barrel for years, the gov-erument said Monday. The analysis reflected a sig-

nificant change from the En-ergy Department's projections a year ago when it predicted oil prices in constant dollars — For counting normal infla-tion — would retreat in the long term and settle at about \$31 a barrel by 2025.

Natural gas prices, mean-while, aren't expected to stay at the extremely high levels of re-cent weeks. The forecast said they would retreat from the recent spikes — to more than \$14 per thousand cubic feet — and settle at under \$5 in the long term as demand unables. term as demand weakens, especially for electricity production. That's still nearly twice the price of \$2.50 per thousand cubic feet seen in the late 1990a.

late 1990a. The government also pre-dicted Munday that coal would remain the primary fue. for producing electricity through 2030. Wyoming is the nation's leading coal producer, and coal prices in recent months have reached some of their highest terrals in recent.

levels in years.

'Wyoming's tight energy market has flooded government coffers with the spoils of

mineral severance tax and roy alty feverness. As the nation's leading energy export state, Wyomlay is enjoying low unemployment and one of the biggest budget surpluses in the nation.

Businesses and individuals Businesses and univousla-posside Wyoning's energy in-distry feel the same pinch as others across the nation. How-ever, the energy boom presents a different set of challenges

"Our main challenge in Wyoming now is work force development," said Ron Pas-

co, president of First Interstate Bank in Casper, "We need to attract workers to Wyoming breause there is a big short-age, it's extremely classening right new for everybody in the

high now for everybody in the histness sector in Wyoming." Rearry companies are des-perstedly seeking to fill posi-tions to keep up with a strady increase in natural gas and coal or described.

production.
Continuing high fuel prices also threaten Wyomingites who are an fixed incomes. Last

Please see **BOOM**, A10

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Tears of joy

#### Presented by: Buck McVeigh

American Association of Petroleum Geologists (Rocky Mountain Section) 2006 Conference

> Billings, Montana June 11, 2006

# Why is mineral production important to Wyoming?

- Mineral income currently makes up close to two-thirds of total revenue.
- > Mineral income is obtained from:
  - Severance taxes (\$727million in FY05).
  - Federal mineral royalties (\$629 million in FY05).
  - Mineral property taxes (\$600 million in FY05).
  - Coal lease bonuses (\$217 million in FY05).

## How mineral income is used:

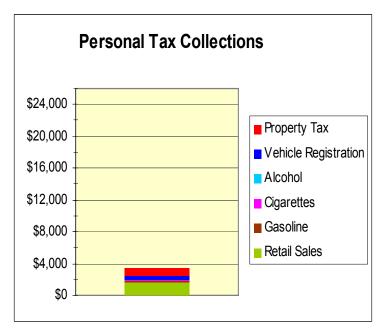
- Severance taxes: general fund & permanent mineral trust fund.
- Federal mineral royalties: school foundation & state highways.
- Property taxes: school foundation.
- Coal lease bonuses: capital construction for schools and county and local governments.

## **Wyoming Tax Facts**

- ➤ Wyoming ranks 2<sup>nd</sup> and 3<sup>rd</sup> highest, respectively, in per capita state and local government revenue and expenditures.
- > Yet, household tax burden ranks among the lowest in nation.
- No personal/corporate income tax, low property taxes.
- Bulk of tax burden is exported out of state in the form of mineral taxes, which residents do not pay.

#### Direct Tax Collections and Public Service Costs: 2005

For a 4-person family with income of \$50,000 and own home valuing \$140,000



Public Service Costs					
\$24,000 -				■ State Services	
\$20,000 -				K12 Education	
\$16,000 -				Special District	
\$12,000 -				☐ City/Tow n	
\$8,000 -				County	
\$4,000 -					
\$0 -					
	-				

Retail Sales	\$1,620
Gasoline	\$160
Cigarettes	\$120
Alcohol	\$10
Vehicle Registration	\$500
Property Tax	\$1,000
TOTAL:	\$3,410

TOTAL:	\$25,760
State Services	\$6,360
K12 Education	\$5,850
Special District	\$4,100
City/Town	\$4,360
County	\$5,090

Prepared by Wyoming Economic Analysis Division

## **Current Economic Conditions**

#### **Upside** - Energy continues to bolster the economy!

- Net population in-migration last 4 years.
- Jobs, jobs, jobs!!!
  - . 8,800 (3.4%) between April 2005 to April 2006.
  - 3,100 (14.2%) in Nat. Res. & Mining from April 2005 to April 2006.
  - . 3.2% unemployment; U.S. at 4.7%.
- Year-over-year income growth continues in 2005.
  - TPI increased 8.0% to \$18.7 billion; ranked 4<sup>th</sup> in U.S.
  - PCI increased 7.3% (1st in U.S.) to \$36,778.
- Consumer spending continues to climb.
  - Retail sales taxes up 14% from year ago.
- State revenue out-pacing forecast.
  - General Fund ahead 7.4% (\$65 million).
- Gross State Product soars in 2004.
  - GSP increased 7.6% to \$24 billion; ranked 12th in U.S. (6.7%).

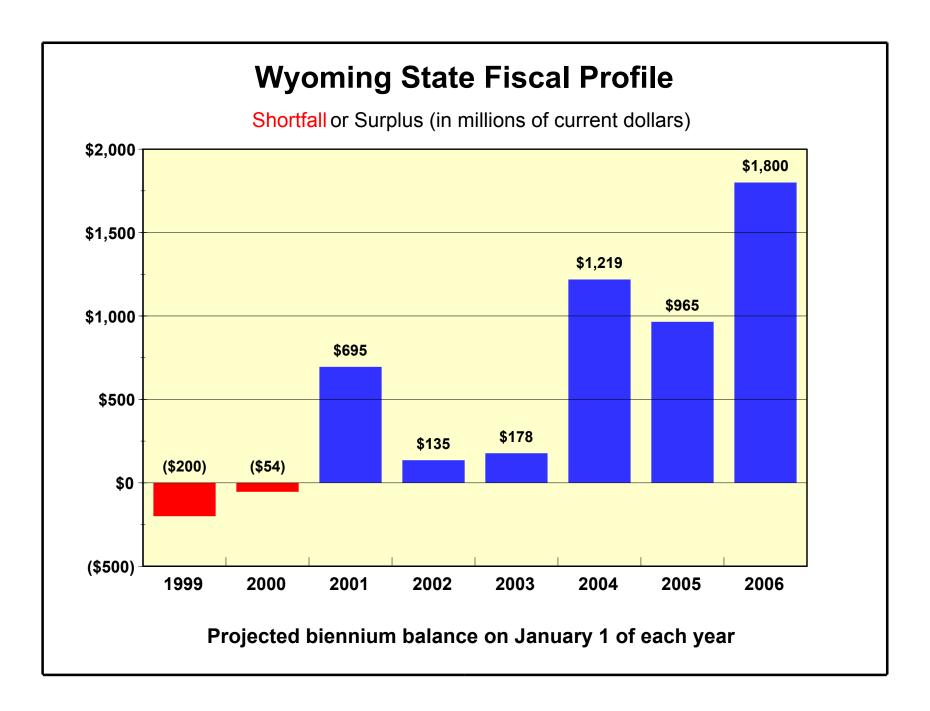
## **Current Economic Conditions**

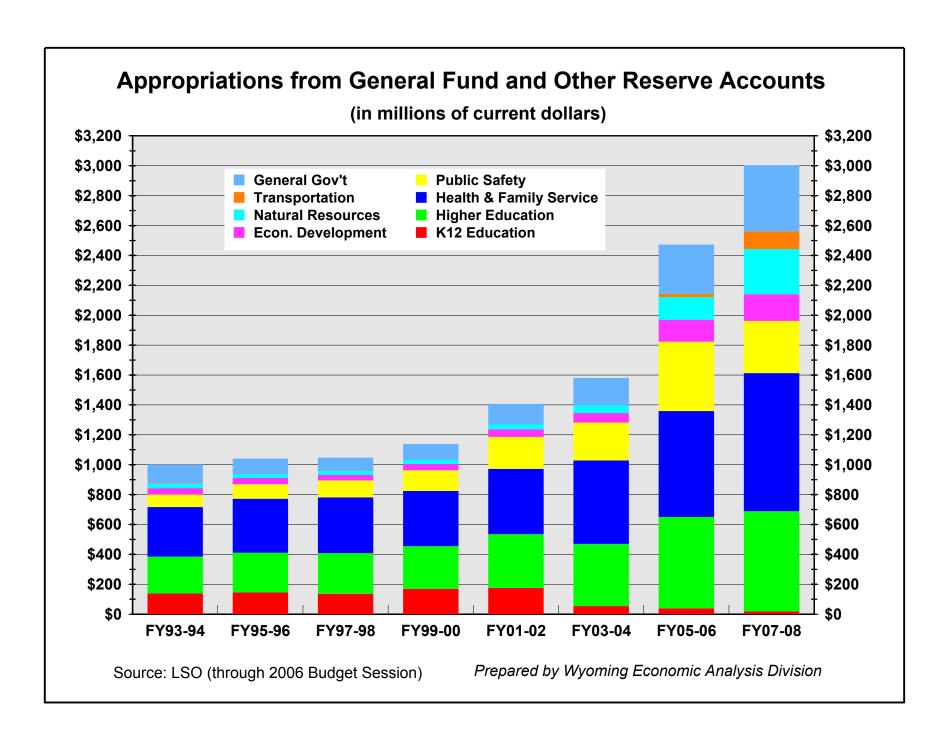
- Downside: Influx of workers stress communities.
  - Increases traffic, domestic violence, drug use, 911 emergency services.
  - Housing shortage: escalating property values, affordable housing becoming non-existent.
  - Lodging shortage accommodations for travelers short supply.
- Population: low growth and net in-migration.
  - · Transient versus permanent population.
- Uneven growth: energy boom is spreading wealth unevenly across state.
- Low industrial diversification.
- Workforce availability: strong regional competition for construction labor/ in-state competition from growing mining industry.
- 4Q05 inflation hits 5%; U.S. at 3.4%

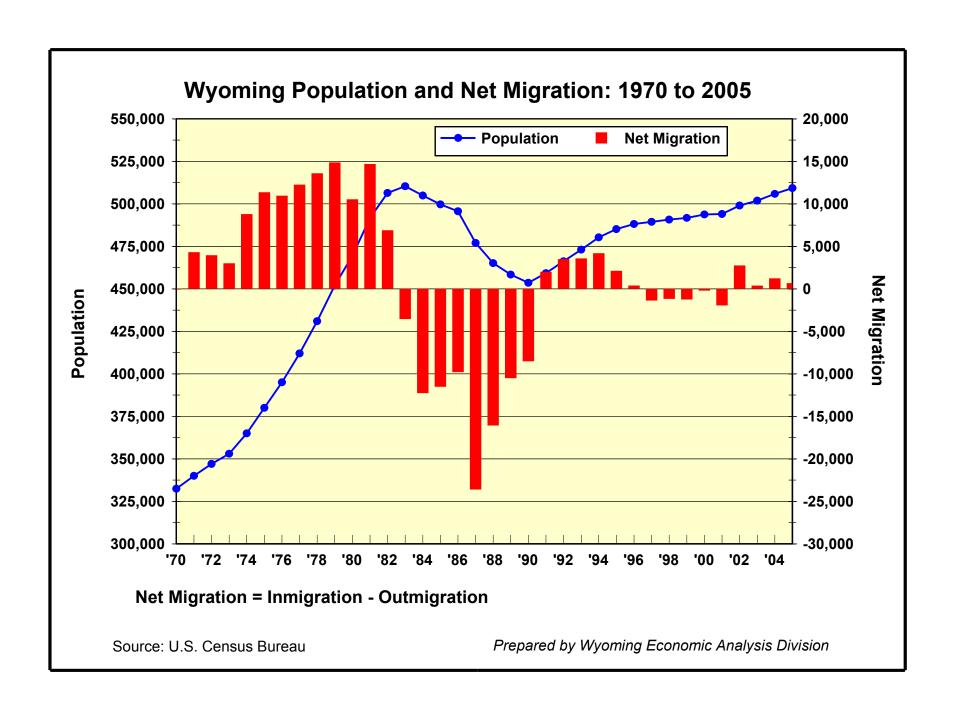
## **Energy Price Sensitivity**

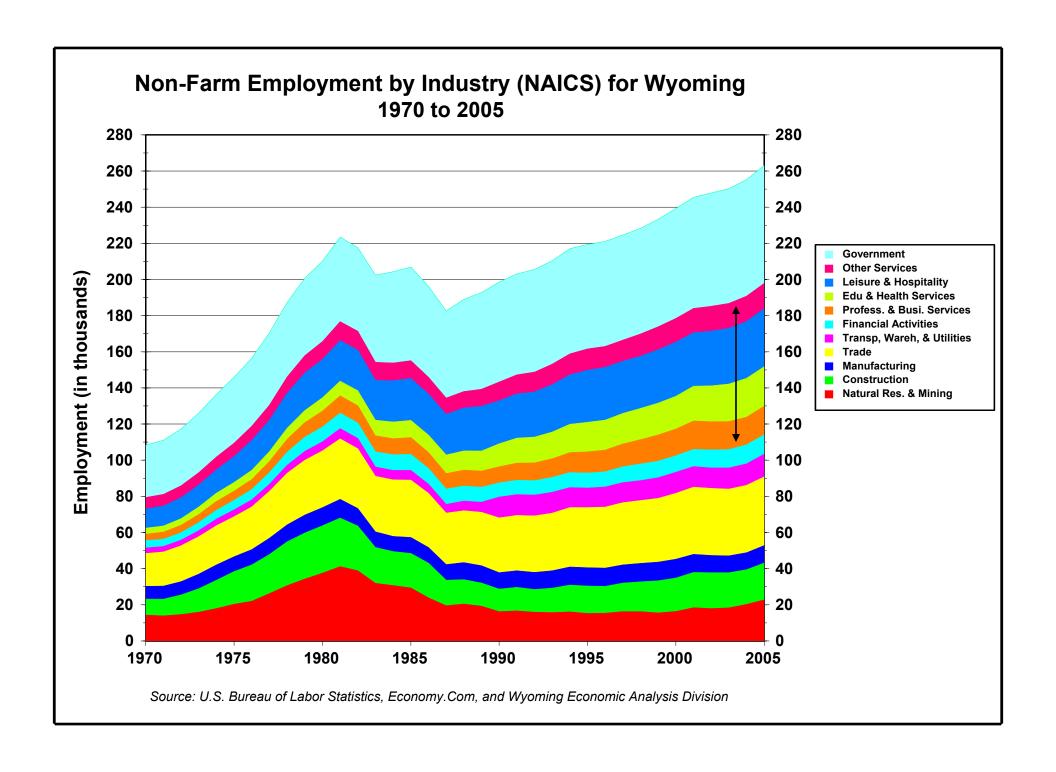
- Crude Oil → [\$0.25 per bbl. change]
   ± \$1.6 million revenue change.
- Coal → [\$0.25 per ton price change]
   ± \$13.6 million revenue change.
- Natural Gas → [\$0.25 per mcf change]
   ± \$50.7 million revenue change.

Note: revenue sources include severance taxes, federal mineral royalties, and the school foundation portion of ad valorem taxes (based on FY06 projections). Source: January 2006 CREG Forecast and Legislative Services Office.



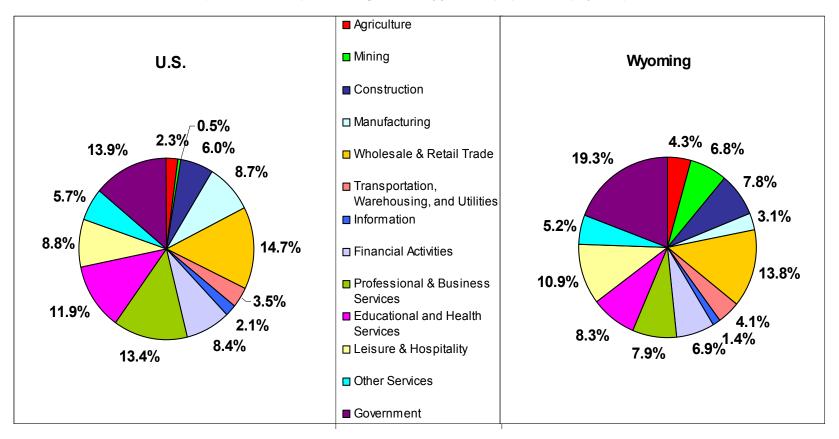






#### **Employment by Industry (NAICS) for Wyoming and U.S.: 2004**

(Includes: full and part-time wage and salary jobs, and proprietors employment.)



Ranking in U.S.

Mining - 1st

Construction - 2nd

Leisure & Hospitality - 4<sup>th</sup>

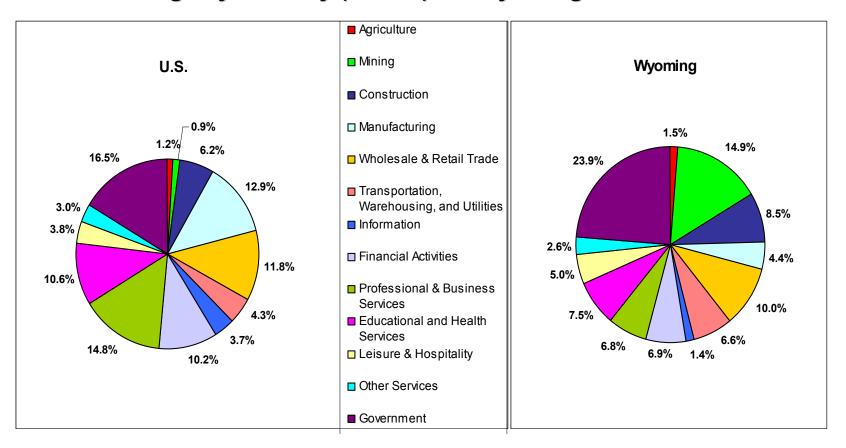
Government - 4th

Manufacturing - 49th

Prof. & Business Services - 48th

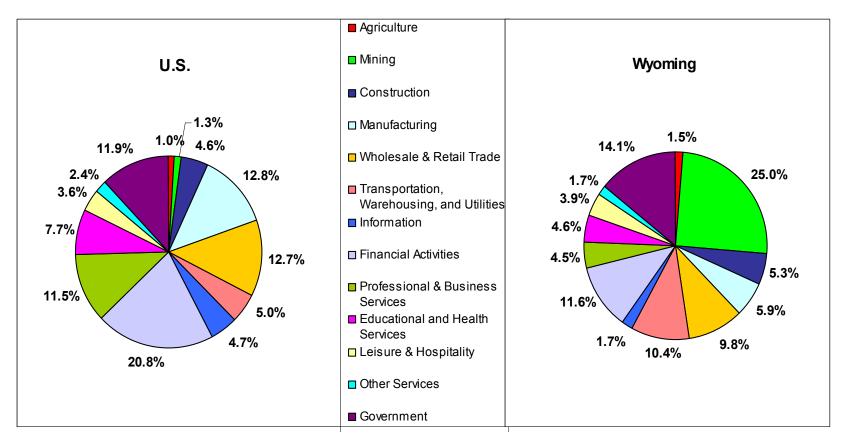
Education & health Services - 49th

#### Earnings by Industry (NAICS) for Wyoming and U.S.: 2004



Note: Earnings include wage and salary disbursements, employer contributions for employee pension and insurance funds, employer contributions for government social insurance, and proprietors' income.

#### Gross State Product by Industry (NAICS) for Wyoming and U.S.: 2004



Note: GDP is often referred to as its "value added", is equal to its gross output (sales or receipts and other operating income, plus inventory change) minus its intermediate inputs (consumption of goods and services purchased from other industries or imported).

## The Diversification Issue

"Wyoming's never going to be another Silicon Valley."

"... you've got to dance with the one that brung ya."

- Rep. Dick Wallis, October 1993

## Industrial Diversification Index

 Comparison of employment diversification derived by measuring differences in employment share by industry at the state level compared with the same at the U.S. level.

 The lower the index value the closer the industry mix is to U.S. industry mix.

## Industrial Diversification Index 2005

■ Missouri 0.37 > Louisiana 11.38

► Utah
 1.61 ► New Mexico 15.53

Nebraska 2.04 > Hawaii 15.75

▶ Idaho
2.14 > W. Virginia 26.71

Colorado 4.20 > Alaska 35.94

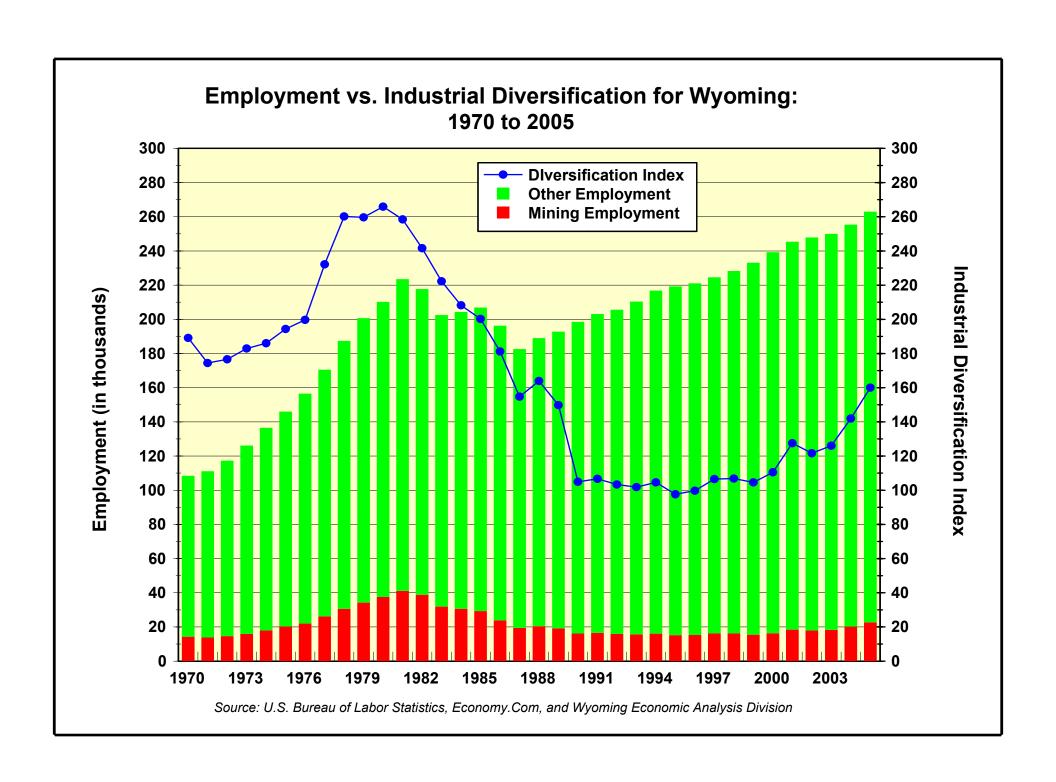
So. Dakota 4.83 > Nevada 46.74

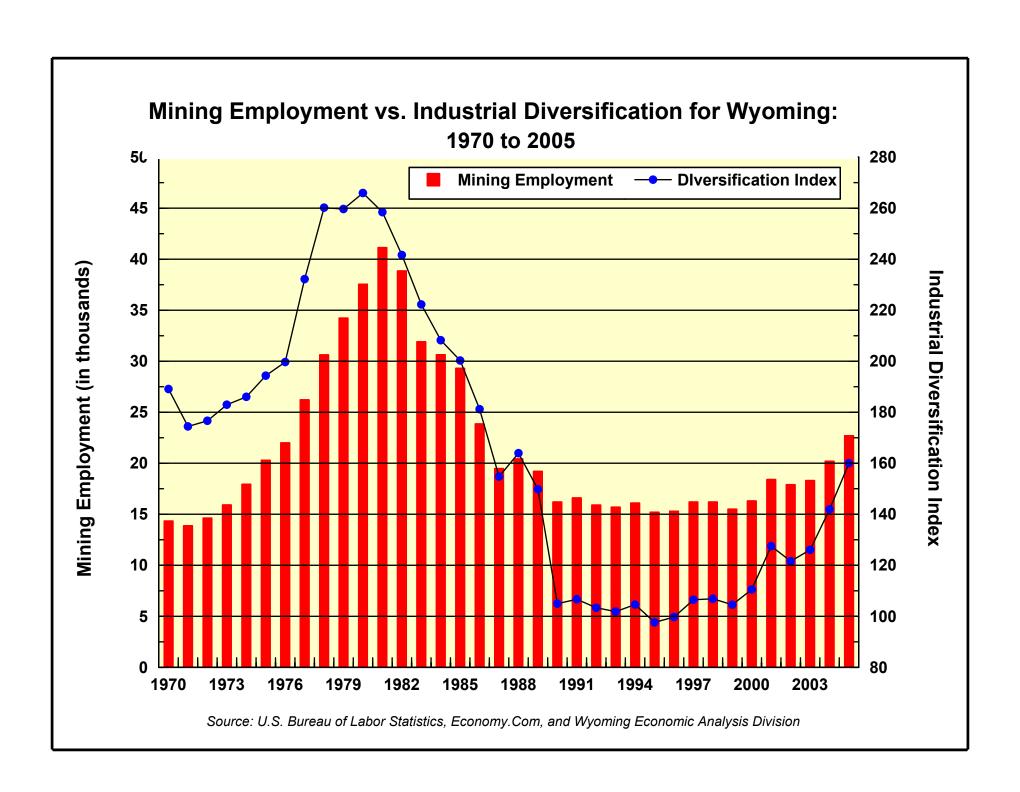
No. Dakota 6.41 > Wyoming 159.73

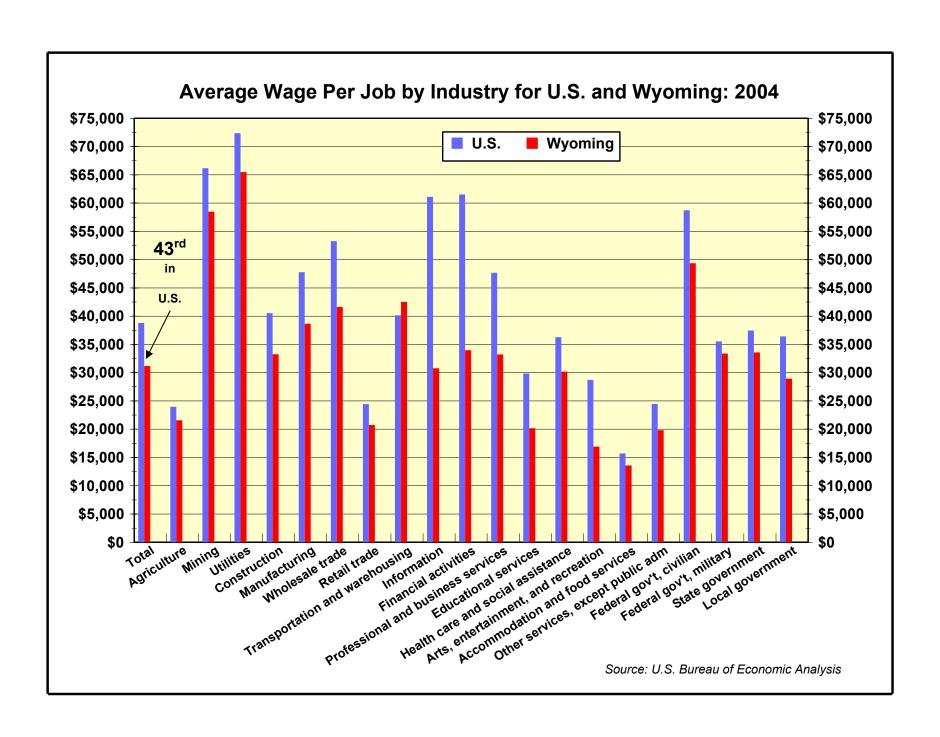
➤ Montana 11.96

## Wyoming Industrial Diversification Index

1970	187.69
1980	265.75
1990	103.25
1995	96.98
2000	110.11
2005	159.73







## Investing in the future...

#### **Education is top priority:**

- > \$400 million Hathaway Scholarship Program.
- > \$105 million endowed professorships
- > \$2 billion K-12 education funding.

#### Other:

- > \$564 million Permanent Wyoming Mineral Trust Fund.
- > \$100 million tax cut (sales tax on groceries.)
- \$40 million Wildlife Trust Fund (conservation grants, habitat improvement.)
- Infrastructure increased bonding authority from \$1 billion to \$3 billion.
- Capital improvements schools, prison, state buildings.

## The Road Ahead

- Energy production is the key in the near-term.
  - Low business costs/ favorable tax structure to continue.
  - Employment, earnings will remain strong.
- Low industrial diversification will continue to hamper payroll growth potential.
- Tight labor market will continue to temper economic growth.
- ► Long-term outlook (through 2014):
  - Population to average 0.6% per year.
  - Employment to average 1.3% per year.
    (3 out of every 4 jobs created will be in Services & Trade.)
  - Income to average 3.9% per year.

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