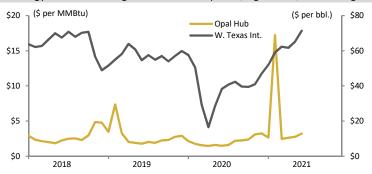
# Wyoming Insight

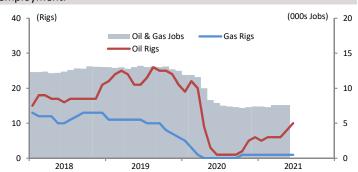


### **ECONOMIC ANALYSIS DIVISION • JUNE 2021**

# ▶ Energy index: natural gas and crude oil prices, rig counts, and oil & gas employment. ¹,3,8,11



→ The Opal Hub natural gas price averaged \$3.22 per MMBtu in June, \$1.73 higher than a year ago. The WTI crude oil price increased by 9.5% in June from the previous month and was up 86.6% compared to June 2020.



▶ Oil & gas jobs numbered 7,600 in May, a decrease of 700 when compared to a year ago. Active oil rigs were 10 in June, while the conventional gas rig count was 1. Note: Oil & gas jobs includes both the NAICS 211 (oil and gas extraction) and NAICS 213 (support activities for mining) subsectors.

| NATURAL GAS                          |            | [\$/MMBtu       | ı]               |
|--------------------------------------|------------|-----------------|------------------|
| Historical Spot Prices <sup>1</sup>  | Jun 2020   | May 2021        | Jun 2021         |
| Opal Hub                             | \$1.49     | \$2.75          | \$3.22           |
| Cheyenne Hub                         | \$1.47     | \$2.68          | \$3.03           |
| Henry Hub                            | \$1.58     | \$2.89          | \$3.23           |
| Futures <sup>2</sup> (As of 6.30.21) | Aug 202    | 1 Sep 2021      | Aug 2022         |
| NYMEX - Henry Hub                    | \$3.65     | \$3.62          | \$2.98           |
| January 2021 CREG <sup>5</sup>       | CY 2021    | CY 2022         | CY 2023          |
| CREG - All Gas (\$ per Mcf)          | \$2.80     | \$2.80          | \$2.80           |
| RIGS & APDs*3                        | Apr 2021/2 | 020 May 2021/20 | 20 Jun 2021/2020 |
| Oil Rigs                             | 6/9        | 8/3             | 10/1             |
| Conventional Gas Rigs                | 1/0        | 1/0             | 1/0              |
| Oil APDs                             | 588/36     | 1 391/241       | 444/273          |
| Conventional Gas APDs                | 8/12       | 49/2            | 0/4              |
|                                      | 2,754 WY   | APDs            |                  |
| 1,828                                |            |                 |                  |
|                                      |            |                 |                  |
|                                      |            | 42              | 97               |
| YTD Jun 2020 YTD                     | Jun 2021   | YTD Jun 2020    | YTD Jun 2021     |
| Oil APDs                             |            | Gas A           | APDs             |

 $<sup>\</sup>hbox{*Active conventional drilling rigs and applications for permits to drill (APDs)}.$ 

4Q-2019

2Q-2020

| CRUDE OIL                            |           | [ \$/bbl. ] |           |
|--------------------------------------|-----------|-------------|-----------|
| Historical Spot Prices               | Jun 2020  | May 2021    | Jun 2021  |
| WY Sour <sup>13</sup>                | \$32.16   | \$51.19     | \$54.94   |
| WY Sweet <sup>13</sup>               | \$33.44   | \$57.11     | \$63.08   |
| W.Texas Int. <sup>11</sup>           | \$38.26   | \$65.17     | \$71.38   |
| Futures <sup>2</sup> (As of 6.30.21) | Aug 2021  | Sep 2021    | Aug 2022  |
| NYMEX - WTI                          | \$73.47   | \$72.77     | \$65.50   |
| January 2021 CREG <sup>5</sup>       | CY 2021   | CY 2022     | CY 2023   |
| CREG - All Oil                       | \$40.00   | \$45.00     | \$45.00   |
| Differential \$/bbl.                 | Jun 2020  | May 2021    | Jun 2021  |
| WY Sour vs. WTI                      | (\$6.10)  | (\$13.98)   | (\$16.44) |
| WY Sweet vs. WTI                     | (\$4.82)  | (\$8.06)    | (\$8.30)  |
| COAL - PRB*                          |           | [ \$/ton ]  |           |
| Historical Spot Prices 11            | Jun 2020  | May 2021    | Jun 2021  |
| PRB* 8800 Btu                        | \$12.05   | \$12.05     | \$11.93   |
| January 2021 CREG <sup>5</sup>       | CY 2021   | CY 2022     | CY 2023   |
| CREG Surface Coal                    | \$12.25   | \$12.20     | \$12.15   |
| WY Coal Production 11                | Mar 21/20 | Apr 21/20   | May 21/20 |
| Millions of Tons                     | 20.4/18.2 | 20.0/15.9   | 21.4/15.1 |
| *Powder River Basin                  |           |             |           |

### ▶ Business indicators: cost of living, unemployment rates, per capita and quarterly personal income, and ag price index.

4Q-2020

| Wyoming <sup>6</sup>             | 2.2%   | 1.1%     | 2.0%     |  |
|----------------------------------|--|----------|----------|--|
| U.S. CPI <sup>8</sup>            | 2.3%   | 0.4%     | 1.4%     |  |
| Cost of living measured as the p | Cost of living measured as the percent change from the preceding year. |          |          |  |
| JOBLESS RATES <sup>8</sup>       | May 2020   | Apr 2021 | May 2021 |  |
| Wyoming - Seasonally Adj.        | 8.5%   | 5.4%     | 5.4%     |  |
| U.S Seasonally Adj.              | 13.3%  | 6.1%     | 5.8%     |  |
|                                  |  |          |          |  |
| NON-FARM JOBS <sup>8</sup>       | May 2020   | Apr 2021 | May 2021 |  |
| Wyoming - Seasonally Adj.        | 262.100  | 275.600  | 271.800  |  |

| QUARTERLY PI <sup>9</sup> | 3Q-2020 | 4Q-2020 | 1Q-2021 |
|---------------------------|---------|---------|---------|
| Wyoming                   | -18.5%  | 0.2%    | 52.9%   |
| Rocky Mountain Region     | -16.1%  | 5.1%    | 60.5%   |
| U.S.                      | -11.3%  | -3.9%   | 59.7%   |

Personal income measured as the annualized percent change from the preceding quarter.

| AG PRICE INDEX <sup>12</sup>  | Mar 2021/2020 | Apr 2021/2020 | May 2021/2020 |  |
|-------------------------------|---------------|---------------|---------------|--|
| U.S Ag. Production            | 98.3/92.4     | 105.1/81.9    | 106.8/84.4    |  |
| U.S Crop Production           | 99.3/87.1     | 106.1/86.0    | 106.6/86.4    |  |
| U.S Livestock Production      | 99.8/92.8     | 106.2/87.5    | 106.8/91.4    |  |
| Prices received indexes: 2011 | haca          |               |               |  |

#### ▶ Energy benchmarks: for fiscal and calendar years to date.

| SPOT PRICES [ As of June   | e 30, 2021 ] | FY 2021 TD | CY 2021 TD |
|----------------------------|--------------|------------|------------|
| Opal Hub (\$/MMBtu)        |              | \$3.81     | \$5.16     |
| Henry Hub (\$/MMBtu)       |              | \$2.73     | \$3.23     |
| W. Texas Int. (\$/bbl.)    |              | \$51.81    | \$61.94    |
| Powder River Coal (\$/ton) |              | \$11.76    | \$11.83    |
| Uranium (\$/lb.)4          |              | \$30.33    | \$30.19    |

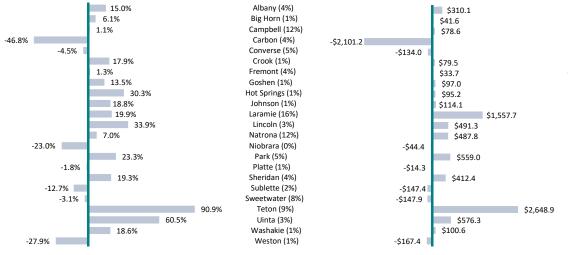
Data sources: ¹Natural Gas Intelligence, ²CME Group, ³WY Oil & Gas Conservation Commission, ⁴Cameco, ⁵January 2021 CREG Forecast, ⁶WY Dept. of Admin. & Info.'s Economic Analysis Division, ¬WY Dept. of Revenue, ®U.S. Bureau of Labor Statistics, °U.S. Bureau of Economic Analysis, ¹¹0U.S. Bureau of Census, ¹¹U.S. EIA, ¹²USDA's National Agricultural Statistics Service, and ¹³Oil Monster.



**COST OF LIVING** 

# Wyoming Insight

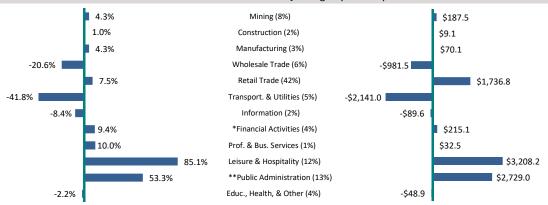
▶ State & local shares of 4% sales and use tax collections. [Change by County: June 2021 vs. June 2020 by percent and dollars (in thousands)]



▶ In a year-over-year comparison (June 2021 vs. June 2020), sales and use tax collections statewide increased by \$4.9 million or 9.0%. 16 of the 23 counties saw year-over-year increases in collections. Teton County experienced the largest increase compared to June 2020, up \$2.6 million or 90.9%. Carbon County experienced the largest decline, down \$2.1 million or 46.8% year-over-year.

Note: Collections in June primarily reflect sales in May.

#### State & local shares of 4% sales and use tax collections. [ Change by Industry Sector: June 2021 vs. June 2020 by percent and dollars (in thousands) ]



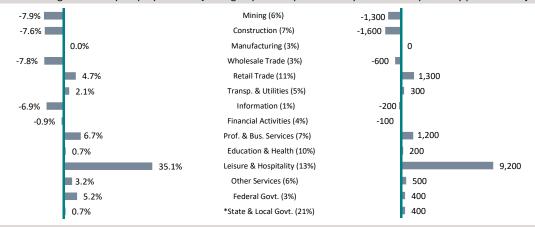
➤ In a year-over-year comparison (June 2021 vs. June 2020), the transportation & utilities sector reported the largest decline in collections, down \$2.1 million or 41.8%. The leisure & hospitality and pubilic adminstration sectors saw the largest increases in collections, up 85.1% and 53.3%, respectively, compared to last year.

Note: Value in parentheses represents share of total collections.

\*Taxes are mostly from automotive, machinery, and equipment leasing and rental.

\*\*Reflects taxes from automobile purchases.

#### Nonfarm wage and salary employment. [Change by Industry Sector: May 2021 vs. May 2020 by percent and jobs; seasonally adjusted]

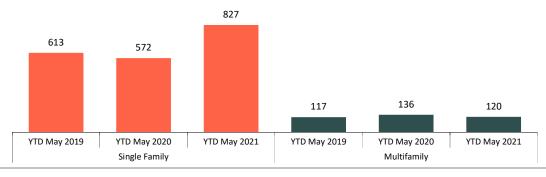


➤ Wyoming had 271,800 jobs in May, 9,700 more compared to a year ago, an increase of 3.7%. The leisure & hospitality industry saw the largest increase in jobs, up 9,200 jobs (+35.1%) relative to last year. Construction employment experienced the largest decline, down 1,600 jobs (-7.6%) year-overyear.

Note: Value in parentheses represents share of total jobs.

\*Includes public education and hospitals.

## ▶ Residential building permits. 10 [Comparisons: Single family and multifamily units]



➤ Single family housing units permitted through the end of May 2021 increased by 255 compared to 2020. The number of multifamily units decreased by 16 during the same period compared to 2020.



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