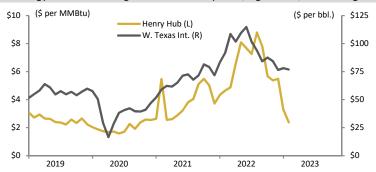
# Wyoming Insight

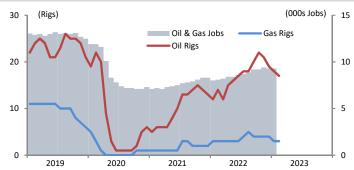
## **WYOGOV**

### **ECONOMIC ANALYSIS DIVISION • FEBRUARY 2023**

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



→ The Henry Hub natural gas price averaged \$2.38 per MMBtu in February, \$0.89 lower than a month ago. The WTI crude oil price decreased 1.7% in February compared to the previous month and decreased 16.2% compared to February 2022.



▶ Oil & gas jobs numbered 9,300 in January, an increase of 1,300 compared to a year ago. Average active oil rigs were 17 in February while the conventional gas rig count was 3. Note: Oil & gas jobs include both the NAICS 211 (oil and gas extraction) and NAICS 213 (support activities for mining) subsectors.

NATURAL GAS		[\$/MMBtu]		
Historical Spot Prices 1	Feb 2022	Jan 2023	Feb 2023	
Opal Hub	\$4.59	\$15.90	\$7.06	
Cheyenne Hub	\$4.52	\$3.35	\$2.34	
Henry Hub	\$4.64	\$3.27	\$2.38	
Futures <sup>2</sup> (As of 2.28.23)	Apr 2023	May 2023	Apr 2024	
NYMEX - Henry Hub	\$2.75	\$2.86	\$3.33	
January 2023 CREG <sup>5</sup>	CY 2022	CY 2023	CY 2024	
CREG - All Gas (\$ per Mcf)	\$7.40	\$5.75	\$4.70	
RIGS & APDs*3	Dec 2022/2021	Jan 2023/2022	Feb 2023/2022	
Oil Rigs	19/13	18/12	17/14	
Conventional Gas Rigs	4/2	3/3	3/3	
Oil APDs	251/272	314/258	268/265	
Conventional Gas APDs	3/8	18/0	16/9	
WY APDs				
523	582			
		9	34	
YTD Feb 2022 YTI	D Feb 2023	YTD Feb 2022	YTD Feb 2023	
Oil APDs		Gas API	)s	

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

2Q-2021

4Q-2021

CRUDE OIL & FUEL		[ \$/bbl. ]	
Historical Spot Prices	Feb 2022	Jan 2023	Feb 2023
WY Sour <sup>13</sup>	\$75.28	\$47.13	\$46.57
WY Sweet <sup>13</sup>	\$84.74	\$72.26	\$69.02
W.Texas Int. <sup>11</sup>	\$91.64	\$78.12	\$76.83
Futures <sup>2</sup> (As of 2.28.23)	Apr 2023	May 2023	Apr 2024
NYMEX - WTI	\$77.05	\$77.19	\$72.82
January 2023 CREG <sup>5</sup>	CY 2022	CY 2023	CY 2024
CREG - All Oil	\$90.00	\$75.00	\$70.00
	[\$/gallon]		
WY Fuel Prices 14	Dec 2022	Jan 2023	Feb 2023
Gasoline	\$3.00	\$3.17	\$3.39
Diesel	\$4.80	\$4.51	\$4.53
COAL - PRB*	[ \$/ton ]		
Historical Spot Prices 11	Feb 2022	Jan 2023	Feb 2023
PRB* 8800 Btu	\$22.78	\$15.46	\$15.42
January 2023 CREG <sup>5</sup>	CY 2022	CY 2023	CY 2024
CREG Surface Coal	\$14.25	\$14.25	\$13.25
WY Coal Production 11	Nov 22/21	Dec 22/21	Jan 23/22
	21 2/20 7	19.5/20.6	21.2/20.6
Millions of Tons	21.2/20.7	15.5/20.0	21.2/20.0

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

2Q-2022

Wyoming <sup>6</sup> U.S. CPI <sup>8</sup>	7.7% 5.4%	9.3% 7.0%	10.1% 9.1%	
Cost of living measured as the percent change from the preceding year.				
JOBLESS RATES <sup>8</sup>	Jan 2022	Dec 2022	Jan 2023	
Wyoming - Seasonally Adj.	3.5%	3.9%	3.9%	
U.S Seasonally Adj.	4.0%	3.5%	3.4%	
NON-FARM JOBS <sup>8</sup>	Jan 2022	Dec 2022	Jan 2023	
Wyoming - Seasonally Adj.	282,000	288,400	288,000	

QUARTERLY PI <sup>9</sup>	1Q-2022	2Q-2022	3Q-2022
Wyoming	6.3%	1.6%	5.5%
Rocky Mountain Region	5.7%	6.4%	10.3%
U.S.	3.1%	4.9%	5.3%

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

AG PRICE INDEX <sup>12</sup>	Nov 2022/2021	Dec 2022/2021	Jan 2023/2022		
U.S Ag. Production	133.5/108.6	138.0/112.7	124.6/111.8		
U.S Crop Production	127.2/107.2	128.8/106.3	118.1/104.8		
U.S Livestock Production	143.4/110.2	150.9/120.1	136.3/124.3		
Prices received indexes: 2011 base.					

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

SPOT PRICES [ As of Febr	ruary 28, 2023 ]	FY 2023 TD	CY 2023 TD
Opal Hub (\$/MMBtu)		\$10.91	\$11.48
Henry Hub (\$/MMBtu)		\$5.76	\$2.83
W. Texas Int. (\$/bbl.)		\$85.36	\$77.48
Powder River Coal (\$/ton)		\$16.18	\$15.44
Uranium (\$/lb.)4		\$49.85	\$50.78

**Data sources**: <sup>1</sup>Natural Gas Intelligence, <sup>2</sup>CME Group, <sup>3</sup>WY Oil & Gas Conservation Commission, <sup>4</sup>Cameco, <sup>5</sup>January 2023 CREG Forecast, <sup>6</sup>WY Dept. of Admin. & Info.'s Economic Analysis Division, <sup>7</sup>WY Dept. of Revenue, <sup>8</sup>U.S. Bureau of Labor Statistics, <sup>9</sup>U.S. Bureau of Economic Analysis, <sup>10</sup>U.S. Bureau of Census, <sup>11</sup>U.S. EIA, <sup>12</sup>USDA's National Agricultural Statistics Service, <sup>13</sup>Oil Monster, and <sup>14</sup>Gas Buddy.



**COST OF LIVING** 

### Wyoming Insight

▶ State & local shares of 4% sales and use tax collections. [Change by County: February 2023 vs. February 2022 by percent and dollars (in thousands)]

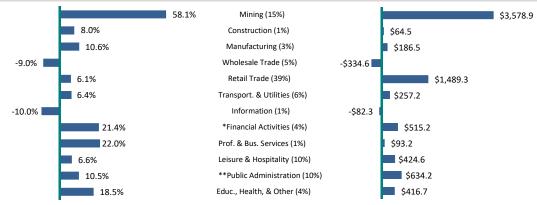


▶ In a year-over-year comparison (February 2023 vs. February 2022), sales and use tax collections statewide increased by \$7.2 million or 12.2%. 18 of the 23 counties saw year-over-year increases in collections.

Campbell County saw the largest increase in collections, up \$3.1 million (+34.9). Niobrara County experienced the fastest increase in collections, up 95.4% (+\$0.1 million). This substantial increase in Campbell County was due to an uptick in mining activity.

Note: Collections in February primarily reflect sales in January.

▶ State & local shares of 4% sales and use tax collections. [Change by Industry: February 2023 vs. February 2022 by percent and dollars (in thousands)]



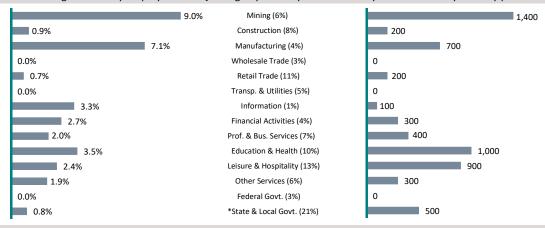
▶ In a year-over-year comparison (February 2023 vs. February 2022), the mining sector experienced the largest increase in collections, up \$3.6 million or 58.1%. The wholesale trade sector saw the largest decline in collections, down \$0.3 million or 9.0%.

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: January 2023 vs. January 2022 by percent and jobs, seasonally adjusted]

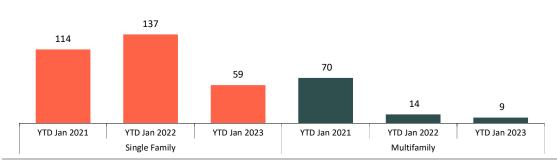


➤ Wyoming had 288,000 jobs in January, 6,000 more than a year ago, an increase of 2.1%. The mining sector saw the largest increase in employment, up 1,400 jobs (+9.0%) relative to last year. No industries recorded year-over-year declines in employment.

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 January 2023 decreased by 78 (-56.9%) compared to 2022. The number of multifamily units decreased by 5 (-35.7%) during the same period compared to 2022.



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