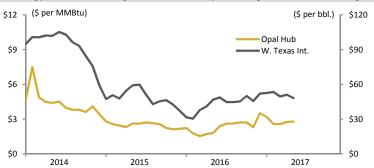
Wyoming Insight

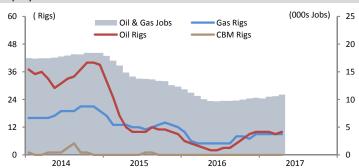


ECONOMIC ANALYSIS DIVISION • MAY 2017

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



>> The Opal Hub natural gas price averaged \$2.79 per MMBtu in May, an increase of 1.1% compared to April and \$0.99 per MMBtu higher than a year ago. WTI crude oil price decreased by 5.6% in May (compared to April) and was \$1.48 per bbl. higher in a year-over-year comparison.



→ Oil & gas jobs numbered 10,900 in April, 800 more when compared to a year ago. Active oil rigs were 10 in April while the conventional gas rig count was 9. Note: Oil & gas jobs includes both the NAICS 211 (oil and gas extraction) and NAICS 213 (support activities for mining) subsectors.

NATURA	L GAS		[\$/MMBtu]	
Historical Spo	t Prices 1	Mar 2017	Apr 2017	May 2017	'TD
Opal H	ub	\$2.57	\$2.76	\$2.79	
Cheyenne	Hub	\$2.56	\$2.74	\$2.77	
Henry H	lub	\$2.87	\$3.08	\$3.14	
Futures 2 (As of	05.23.17)	Jul 2017	Aug 2017	Sep 201	.7
NYMEX - Hei	nry Hub	\$3.23	\$3.36	\$3.34	
Jan 2017 C	REG ⁵	CY 2016	CY 2017-18	CY 2019-	22
CREG - All Gas (\$ per Mcf)		\$2.50	\$3.00-\$3.10	\$3.10-\$3	.25
RIGS & A	PDs* ³	Feb 17/16	Mar 17/16	Apr 17/2	16
Oil Rig	gs	10/5	9/4	10/3	
Conventional Gas Rigs		9/6	9/5	9/5	
Oil AP	Os	732/482	896/421	500/55	3
Conventional	Gas APDs	30/20	108/33	22/41	
	2,858	WY	APDs		
1,948					
		203	271	0	10
YTD Apr 2016	YTD Apr 2017	YTD Apr 2016	YTD Apr 2017	YTD Apr 2016	YTD Apr 20

				203	271	0	10
YTD Apr 201	6	YTD Apr 201	7	YTD Apr 2016	YTD Apr 2017	YTD Apr 2016	YTD Apr 2017
(Oil API	Os		Gas	APDs	СВМ	APDs
*Active conventional drilling rigs and applications for permits to drill (APDs).							

2Q-2016

4Q-2015

CRUDE OIL		[\$/bbl.]	
Historical Spot Prices ¹	Mar 2017	Apr 2017	May 2017 TD
WY Sour	\$36.78	\$37.99	\$35.14
WY Sweet	\$46.04	\$47.47	\$44.62
W.Texas Int.	\$49.58	\$51.06	\$48.21
Futures ² (As of 05.23.17)	Jul 2017	Aug 2017	Sep 2017
NYMEX - WTI	\$51.49	\$51.72	\$51.93
Jan 2017 CREG ⁵	CY 2016	CY 2017-18	CY 2019-22
CREG - All Oil	\$36.00	\$45.00	\$50.00
Differential \$/bbl. ³	Mar 2017	Apr 2017	May 2017 TD
WY Sour vs. WTI	(\$12.80)	(\$13.07)	(\$13.07)
WY Sweet vs. WTI	(\$3.54)	(\$3.59)	(\$3.59)
COAL - PRB*		[\$/ton]	
Historical Spot Prices ¹	Mar 2017	Apr 2017	May 2017 TD
PRB* 8800 Btu	\$11.47	\$11.61	\$11.67
Jan 2017 CREG ⁵	CY 2016	CY 2017-18	CY 2019-22
CREG Surface Coal	\$13.25	\$13.25	\$13.25
WY Coal Production 11	Feb 17/16	Mar 17/16	Apr 17/16
Millions of Tons	24.8/21.6	24.9/20.9	23.7/17.9
*Powder River Basin			

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

4Q-2016

0.5%	-0.6%	0.6%
0.7%	1.0%	2.1%
ercent change fron	the preceding yea	r.
Feb 2017	Mar 2017	Apr 2017
4.7%	4.5%	4.3%
4.7%	4.5%	4.4%
Wyoming	Rocky Mtn	U.S.
\$55,212	\$46,635	\$49,571
	0.7% ercent change from Feb 2017 4.7% 4.7% Wyoming \$55,212	0.7% 1.0% ercent change from the preceding yea Feb 2017 Mar 2017 4.7% 4.5% 4.7% 4.5% Wyoming Rocky Mtn

-remmunury	personui	income	estimutes	reieuseu	on water	20, 2017.	

QUARTERLY PI ⁹	2Q-2016	3Q-2016	4Q-2016
Wyoming	-0.4%	-0.6%	0.6%
Rocky Mountain Region	1.2%	1.4%	1.1%
U.S.	1.2%	1.1%	0.9%

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

AG PRICE INDEX ¹²	Jan 17/16	Feb 17/16	Mar 17/16		
U.S All Production	86/89	92/93	95/93		
U.S Crop Production	78/80	87/84	87/82		
U.S Livestock Production	97/100	96/99	101/100		
Prices received indexes; 2011 base.					

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

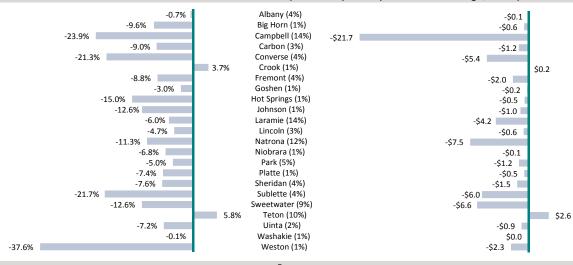
SPOT PRICES [As of May	FY 2017 TD	CY 2017 TD	
Opal Hub (\$/MMBtu)		\$2.76	\$2.78
Cheyenne Hub (\$/MMBtu)		\$2.72	\$2.75
Henry Hub (\$/MMBtu)		\$2.97	\$3.03
W. Texas Int. (\$/bbl.)		\$48.73	\$50.97
Powder River Coal (\$/ton)		\$10.11	\$11.54
Uranium (\$/lb.)4		\$22.43	\$23.10

Data sources: ¹Bloomberg, ²NYMEX, ³WY Oil & Gas Conservation Commission, ⁴Ux Consult. Co., ⁵January 2017 CREG Forecast, ⁶WY Dept. of Admin. & Info.'s Economic Analysis Division, ⁷WY Dept. of Revenue, ⁸U.S. Bureau of Labor Statistics, ⁹U.S. Bureau of Economic Analysis, ¹⁰U.S. Bureau of Census, ¹¹Energy Information Administration, and ¹²USDA's National Agricultural Statistics Service.



COST OF LIVING

▶ State & local shares of 4% sales and use tax collections. [Growth by County: cumulative change, fiscal year-to-date, over the year]



>> After ten months of fiscal 2017 (July 1, 2016 through April 30, 2017), sales and use tax collections lagged fiscal 2016 by \$61.4 million or 11.2 percent. Only Teton and Crook counties were able to generate gains in collections compared to a year ago.

Note: Value in parentheses represents share of total collections.

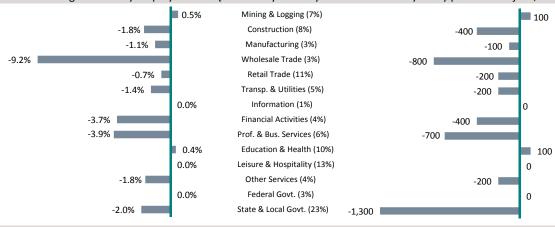
State & local shares of 4% sales and use tax collections. [Growth by Industry Sector: cumulative change, fiscal year-to-date, over the year]



>> Transportation & utilities was the only industry to report a gain in collections when compared to a year ago showing improvement at 4.5 percent. The mining sector recorded the largest loss in collections (-\$22.8 million) followed by retail trade (-\$8.8 million).

Note: Value in parentheses represents share of total collections

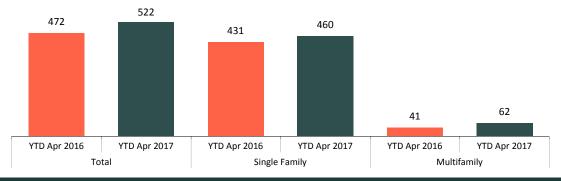
Nonfarm wage and salary employment.⁸ [Growth by Industry Sector: Year-over-year by percent and jobs; seasonally adjusted]



➤ Overall, Wyoming had 4,100 fewer jobs in April compared to a year ago, a decline of 1.4 percent. Industries associated with goods production lost 400 jobs, while service-providing jobs declined by 3,700, both in comparison to a year ago. The private sector decreased at a 1.3 percent rate, resulting in a reduction of 2,800 jobs while government jobs decreased by 1,300 from a year ago.

Note: Value in parentheses represents share of total jobs.

Residential building permits.¹⁰ [Comparisons: Year-to-date total, single family, and multifamily units]



>> The number of total housing units permitted through the end of April 2017 increased by 10.6 percent compared to 2016. Single family units were ahead of last year's pace by 6.7 percent. The number of multifamily units also increased by 51.2 percent or 21 units during the same period compared to 2016.

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