

## Wyoming

Advanced industries employ

**17,690**

full-time workers. (2013)

These direct jobs supports an additional

**14,150**

indirect jobs in other industries in  
the region.

Advanced industries produce

**\$8.2**

billion dollars in output in the region.  
(2013, 2005 Chained)

Advanced industries pay, on average

**\$80,660**

dollars per year (2013).

Advanced industries directly  
account for

**5.7%**

of all jobs in the region.

This employment share is

**#46**

among all states.

This accounts for

**20.8%**

of all output in the region (2013).

This compares to average pay of

**\$44,150**

for all industries (2013).

Advanced industry annual average growth, 2010-2013

**JOBS**

2.1%

2.7%

**OUTPUT**

3.8%

-1.4%

Wyoming

U.S.

Wyoming

U.S.

### What are Advanced Industries?

The Metropolitan Policy Program at Brookings defines advanced industries as those that: 1) Spend at least \$450 per worker per year on R&D and 2) employ at least 20 percent of their workforce in STEM-intensive occupations. The definition identifies 50 4-digit NAICS industries across the manufacturing, energy, and services sectors that together constitute the advanced industries super-sector.

### Why do Advanced Industries Matter?

Advanced industries encompass the nation's "tech" sector at its broadest and most consequential. They represent a sizable economic anchor for the U.S. economy and have led the post-recession employment recovery. Their competitiveness and growth are prerequisites for any future broadly shared prosperity. As such, the sector encompasses the country's best shot at supporting innovative, inclusive, and sustainable growth. Advanced industries are present in nearly every U.S. region, but the sector's geography is uneven.

### For More Information

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### DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

# Wyoming

## Twenty-Five Largest Advanced Industries (2013)

There are 8 advanced industries in Wyoming with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2013)	Industry Location Quotient (LQ) † 2013	Industry Share of Total Advanced Industries Employment (2013)	Industry Employment Annual Growth 2010-2013	Industry Share of Total Advanced Industries Output (2013)	Industry Output Annual Growth 2010-2013
2111	Oil & Gas Extraction	4,530	10.48	25.6%	2.6%	63.2%	-2.9%
5413	Architecture & Engineering	2,410	0.82	13.6%	-3.3%	3.1%	-3.1%
2211	Power Generation & Supply	2,120	2.46	12.0%	0.0%	7.6%	-8.3%
5416	Management Consulting	1,600	0.62	9.1%	4.9%	2.2%	3.7%
3241	Petroleum & Coal Products	1,200	4.89	6.8%	5.7%	7.7%	5.2%
3251	Basic Chemicals	950	3.01	5.3%	1.8%	4.5%	2.5%
5415	Computer Systems Design	700	0.19	4.0%	8.3%	1.1%	9.2%
3253	Pesticides & Fertilizers	400	4.86	2.2%	3.1%	1.5%	0.3%
3331	Agri., Constr., Mining Machinery	390	0.71	2.2%	11.9%	0.5%	18.9%
2122	Metal Ore Mining	320	3.28	1.8%	7.4%	3.0%	17.3%
5179	Other telecommunications	300	1.62	1.7%	1.0%	0.6%	2.3%
5417	R&D Services	290	0.21	1.6%	11.9%	0.5%	14.6%
6215	Medical and Diagnostic Laboratories	280	0.53	1.6%	1.1%	0.3%	1.0%
3345	Precision Instruments	190	0.22	1.1%	8.2%	0.1%	14.3%
3333	Commercial & Service Machinery	180	0.96	1.0%	12.9%	0.2%	16.7%
3259	Misc. Chemicals	180	0.97	1.0%	8.9%	0.6%	6.1%
3353	Electrical Equipment	180	0.56	1.0%	-0.8%	0.4%	1.7%
5172	Wireless Telecom Carriers	160	0.48	0.9%	2.6%	0.3%	7.0%
3254	Pharmaceuticals	160	0.27	0.9%	8.2%	0.9%	7.1%
5182	Data Processing & Hosting	150	0.26	0.9%	-3.3%	0.2%	-3.2%
3362	Motor Vehicle Body & Trailers	150	0.50	0.8%	-15.2%	0.2%	-1.3%
5152	Cable and Other Subscription Programming	90	0.59	0.5%	0.4%	0.1%	4.3%
3399	Misc. Manufacturing	90	0.15	0.5%	-4.4%	0.1%	13.4%
5174	Satellite Telecommunications	90	4.58	0.5%	1.1%	0.3%	11.3%
3339	General Purpose Machinery	80	0.14	0.5%	31.0%	0.1%	36.7%
Advanced industries manufacturing		4,580	0.38	25.9%	3.4%	17.4%	4.6%
Advanced industries energy		6,970	5.01	39.4%	2.0%	73.8%	-3.0%
Advanced industries services		6,150	0.45	34.7%	1.2%	8.9%	2.1%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>17,690</b>	<b>0.66</b>	<b>100.0%</b>	<b>2.1%</b>	<b>100.0%</b>	<b>-1.4%</b>

† Location quotients are a measure of specialization for an industry using employment. A LQ of over 1 indicates that an industry employs more workers, as a share of total employment, than the nation as a whole.