

## Pine Bluff, AR

Advanced industries employ

**1,880**

full-time workers. (2013)

These direct jobs supports an additional

**1,500**

indirect jobs in other industries in the region.

Advanced industries produce

**\$0.5**

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

Advanced industries pay, on average

**\$54,660**

dollars per year (2013).

Advanced industries directly account for

**5.0%**

of all jobs in the region.

This employment share is

**#182**

among all small metros.

This accounts for

**13.6%**

of all output in the region (2013).

This compares to average pay of

**\$38,780**

for all industries (2013).

Advanced industry annual average growth, 2010-2013

**JOBS**

2.7%

**OUTPUT**

3.8%

-1.9%

1.4%

Pine Bluff, AR

U.S.

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### 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.

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## Twenty-Five Largest Advanced Industries (2013)

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
2211	Power Generation & Supply	680	6.56	36.1%	-0.7%	55.2%	-0.4%
5417	R&D Services	150	0.91	8.0%	-11.0%	4.0%	-7.7%
3363	Motor Vehicle Parts	140	1.05	7.5%	4.1%	3.2%	7.3%
3353	Electrical Equipment	110	3.00	6.0%	0.0%	3.8%	11.1%
3313	Aluminum Products	110	6.86	5.6%	1.6%	2.0%	16.7%
3311	Iron & Steel Products	70	2.88	3.7%	3.6%	2.4%	24.3%
3315	Foundries	70	2.06	3.6%	1.5%	3.9%	28.9%
3364	Aircraft Products & Parts	50	0.37	2.6%	0.0%	1.9%	25.5%
3391	Medical Equipment & Supplies	50	0.56	2.4%	6.7%	1.3%	9.9%
3331	Agri., Constr., Mining Machinery	40	0.59	2.1%	2.7%	0.8%	-0.6%
5413	Architecture & Engineering	40	0.10	1.9%	-11.5%	0.7%	-13.0%
3399	Misc. Manufacturing	30	0.47	1.8%	13.9%	0.1%	5.0%
3362	Motor Vehicle Body & Trailers	30	0.90	1.7%	1.1%	0.8%	5.2%
3251	Basic Chemicals	30	0.79	1.6%	-9.1%	2.8%	-6.7%
3339	General Purpose Machinery	30	0.43	1.5%	-2.2%	0.5%	1.1%
5416	Management Consulting	30	0.09	1.5%	-7.8%	0.8%	-1.8%
3359	Misc. Electrical Equipment	30	0.85	1.5%	1.2%	0.8%	7.8%
3352	Household Appliances	20	1.44	1.2%	0.0%	0.0%	20.1%
5415	Computer Systems Design	20	0.05	1.1%	-28.3%	0.5%	-27.7%
3259	Misc. Chemicals	20	0.73	0.8%	-8.7%	0.1%	-19.3%
5172	Wireless Telecom Carriers	20	0.40	0.8%	-5.6%	4.4%	-2.5%
3365	Railroad Rolling Stock Manufacturing	20	2.36	0.8%	4.9%	0.6%	43.9%
2111	Oil & Gas Extraction	10	0.27	0.7%	-8.0%	5.2%	3.2%
3253	Pesticides & Fertilizers	10	1.42	0.7%	-9.7%	0.6%	2.8%
3241	Petroleum & Coal Products	10	0.41	0.6%	0.0%	0.5%	-10.0%
Advanced industries manufacturing		920	0.64	48.9%	1.2%	28.5%	10.0%
Advanced industries energy		690	4.15	36.9%	-0.8%	60.4%	-0.1%
Advanced industries services		270	0.17	14.3%	-12.2%	11.1%	-7.4%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>1,880</b>	<b>0.58</b>	<b>100.0%</b>	<b>-1.9%</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.