

Jonesboro, AR

Advanced industries employ

3,210

full-time workers. (2013)

These direct jobs supports an additional

2,570

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

\$54,630

dollars per year (2013).

Advanced industries directly account for

5.9%

of all jobs in the region.

This employment share is

#146

among all small metros.

This accounts for

11.2%

of all output in the region (2013).

This compares to average pay of

\$35,670

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

7.3%

2.7%

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U.S.

OUTPUT

7.6%

3.8%

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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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www.brookings.edu/advancedindustries

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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
3339	General Purpose Machinery	640	6.56	20.0%	11.8%	9.8%	16.1%
3331	Agri., Constr., Mining Machinery	490	5.15	15.3%	15.1%	8.8%	11.6%
3351	Electrical Lighting Equipment	270	14.78	8.4%	4.5%	5.5%	3.2%
3359	Misc. Electrical Equipment	220	4.53	6.8%	4.5%	6.8%	21.2%
2211	Power Generation & Supply	180	1.18	5.5%	-0.4%	12.6%	-0.4%
5415	Computer Systems Design	150	0.23	4.7%	20.2%	3.8%	19.8%
3353	Electrical Equipment	130	2.43	4.1%	4.1%	5.0%	24.5%
5413	Architecture & Engineering	120	0.23	3.7%	-1.1%	2.2%	-3.3%
3399	Misc. Manufacturing	100	0.92	3.0%	-2.9%	0.4%	-10.8%
5416	Management Consulting	90	0.20	2.8%	5.8%	2.3%	12.7%
3363	Motor Vehicle Parts	80	0.41	2.5%	4.1%	1.7%	9.4%
3352	Household Appliances	80	3.51	2.4%	4.7%	0.1%	34.6%
3391	Medical Equipment & Supplies	70	0.58	2.1%	5.4%	2.1%	3.1%
3271	Clay Product and Refractory Manufacturing	70	4.43	2.1%	8.3%	0.7%	4.4%
3279	Stone & Mineral Products	60	2.30	1.9%	11.5%	1.0%	5.6%
6215	Medical and Diagnostic Laboratories	60	0.64	1.9%	13.5%	0.9%	16.0%
5179	Other telecommunications	60	1.70	1.7%	-2.9%	17.4%	-1.0%
3336	Engine & Power Equipment	50	1.26	1.5%	17.8%	0.9%	22.5%
5417	R&D Services	40	0.18	1.4%	0.0%	1.1%	0.3%
3313	Aluminum Products	40	1.74	1.2%	1.8%	0.7%	16.8%
3332	Industrial Machinery	30	0.84	1.1%	15.6%	0.7%	14.9%
3311	Iron & Steel Products	30	0.75	0.8%	4.2%	0.8%	24.3%
3315	Foundries	30	0.54	0.8%	2.7%	1.3%	29.0%
5172	Wireless Telecom Carriers	20	0.39	0.7%	0.0%	5.4%	4.4%
3364	Aircraft Products & Parts	20	0.12	0.7%	5.0%	0.8%	30.5%
Advanced industries manufacturing		2,460	1.18	76.8%	8.3%	49.4%	13.4%
Advanced industries energy		190	0.79	6.0%	0.2%	16.7%	3.6%
Advanced industries services		560	0.23	17.3%	5.7%	33.9%	2.6%
ADVANCED INDUSTRIES TOTAL		3,210	0.68	100.0%	7.3%	100.0%	7.6%

† 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.