

Fort Smith, AR-OK

Advanced industries employ

5,920

full-time workers. (2013)

These direct jobs supports an additional

4,740

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.0

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

Advanced industries pay, on average

\$66,740

dollars per year (2013).

Advanced industries directly
account for

5.0%

of all jobs in the region.

This employment share is

#183

among all small metros.

This accounts for

10.3%

of all output in the region (2013).

This compares to average pay of

\$35,880

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

3.8%

-9.6%

-2.9%

Fort Smith, AR-OK

U.S.

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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
3353	Electrical Equipment	940	7.86	15.8%	-23.2%	18.1%	-15.4%
3352	Household Appliances	700	14.57	11.9%	-23.2%	0.5%	-10.3%
5182	Data Processing & Hosting	560	2.52	9.5%	5.0%	4.8%	6.4%
5413	Architecture & Engineering	410	0.36	6.8%	-2.0%	3.7%	-3.6%
5416	Management Consulting	390	0.40	6.6%	24.4%	4.8%	29.6%
3359	Misc. Electrical Equipment	380	3.60	6.4%	-17.2%	5.9%	-11.8%
3279	Stone & Mineral Products	290	4.98	4.9%	9.4%	2.3%	4.3%
3399	Misc. Manufacturing	230	1.03	4.0%	-0.4%	1.2%	-3.0%
2211	Power Generation & Supply	220	0.68	3.8%	-3.8%	9.1%	-0.3%
3313	Aluminum Products	200	4.18	3.4%	4.1%	1.7%	19.6%
2111	Oil & Gas Extraction	190	1.17	3.3%	-3.4%	19.9%	-2.9%
3315	Foundries	190	1.82	3.2%	5.0%	4.4%	32.6%
5415	Computer Systems Design	170	0.12	2.9%	-2.3%	2.1%	-1.9%
3311	Iron & Steel Products	140	1.78	2.3%	6.4%	2.0%	27.2%
3331	Agri., Constr., Mining Machinery	110	0.51	1.8%	-13.3%	1.1%	-15.2%
3339	General Purpose Machinery	100	0.48	1.7%	-11.6%	0.9%	-7.5%
3251	Basic Chemicals	80	0.70	1.4%	34.6%	3.0%	31.4%
5191	Web Search Portals and Internet Publishing	70	0.44	1.2%	3.5%	0.5%	0.0%
6215	Medical and Diagnostic Laboratories	40	0.22	0.7%	6.9%	0.4%	9.8%
3271	Clay Product and Refractory Manufacturing	40	1.30	0.7%	7.3%	0.2%	3.9%
3363	Motor Vehicle Parts	40	0.10	0.7%	-5.6%	0.4%	-1.8%
3259	Misc. Chemicals	40	0.59	0.7%	6.4%	0.2%	-7.4%
5179	Other telecommunications	40	0.58	0.7%	6.4%	3.9%	1.7%
3343	Audio & Video Equipment	40	2.24	0.6%	1.9%	0.4%	-4.8%
3332	Industrial Machinery	30	0.37	0.6%	-14.1%	0.4%	-13.0%
Advanced industries manufacturing		3,740	0.82	63.2%	-14.7%	46.1%	-6.7%
Advanced industries energy		420	0.80	7.2%	-3.1%	29.3%	-1.8%
Advanced industries services		1,750	0.34	29.6%	5.1%	24.6%	4.3%
ADVANCED INDUSTRIES TOTAL		5,920	0.58	100.0%	-9.6%	100.0%	-2.9%

† 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.