

Fayetteville, NC

Advanced industries employ

7,090

full-time workers. (2013)

These direct jobs supports an additional

5,670

indirect jobs in other industries in the region.

Advanced industries produce

\$2.0

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

Advanced industries pay, on average

\$68,500

dollars per year (2013).

Advanced industries directly

account for

3.9%

of all jobs in the region.

This employment share is

#230

among all small metros.

This accounts for

13.1%

of all output in the region (2013).

This compares to average pay of

\$47,980

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

6.5%

3.8%

-2.6%

Fayetteville, NC

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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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
5415	Computer Systems Design	1,000	0.46	14.1%	5.0%	8.4%	7.1%
3363	Motor Vehicle Parts	810	1.23	11.4%	-10.1%	5.4%	7.9%
5416	Management Consulting	800	0.52	11.3%	-11.6%	5.3%	-11.7%
5413	Architecture & Engineering	720	0.41	10.1%	-0.8%	4.4%	0.2%
3253	Pesticides & Fertilizers	440	9.06	6.2%	9.9%	12.7%	12.7%
3254	Pharmaceuticals	400	1.11	5.6%	17.6%	24.4%	29.2%
3361	Motor Vehicles	370	1.53	5.2%	-10.9%	4.0%	16.5%
3364	Aircraft Products & Parts	290	0.46	4.1%	-11.0%	4.4%	-15.9%
3252	Resins & Synthetic Rubbers	290	2.39	4.0%	1.1%	7.0%	0.9%
6215	Medical and Diagnostic Laboratories	220	0.70	3.1%	7.4%	1.1%	0.9%
5417	R&D Services	210	0.25	2.9%	-7.3%	1.7%	-4.6%
5172	Wireless Telecom Carriers	200	1.02	2.8%	24.4%	1.7%	37.2%
3259	Misc. Chemicals	190	1.74	2.6%	9.6%	5.4%	13.7%
3359	Misc. Electrical Equipment	140	0.85	1.9%	-5.4%	1.0%	-9.3%
3399	Misc. Manufacturing	120	0.34	1.7%	0.8%	0.9%	4.4%
3353	Electrical Equipment	100	0.51	1.3%	-3.9%	1.0%	-5.6%
5182	Data Processing & Hosting	80	0.23	1.1%	-4.2%	0.7%	-5.4%
2211	Power Generation & Supply	80	0.15	1.1%	-3.3%	4.1%	5.7%
5179	Other telecommunications	70	0.63	1.0%	26.6%	0.6%	33.9%
3366	Ships & Boats	60	0.36	0.8%	-12.3%	0.2%	-25.9%
3391	Medical Equipment & Supplies	60	0.14	0.8%	-2.8%	0.6%	-1.4%
3241	Petroleum & Coal Products	50	0.37	0.7%	-6.1%	0.5%	-18.4%
3362	Motor Vehicle Body & Trailers	50	0.29	0.7%	-16.9%	0.2%	-0.3%
3315	Foundries	50	0.30	0.7%	-4.4%	0.1%	12.7%
3311	Iron & Steel Products	40	0.37	0.6%	-3.5%	0.3%	12.8%
Advanced industries manufacturing		3,690	0.52	52.1%	-3.4%	71.1%	9.9%
Advanced industries energy		80	0.09	1.1%	-3.3%	4.1%	5.7%
Advanced industries services		3,330	0.42	46.9%	-1.6%	24.9%	-1.1%
ADVANCED INDUSTRIES TOTAL		7,090	0.45	100.0%	-2.6%	100.0%	6.5%

† 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.