

## Jacksonville, NC

Advanced industries employ

1,360

full-time workers. (2013)

These direct jobs supports an additional

1,090

indirect jobs in other industries in the region.

Advanced industries produce

\$0.4

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

Advanced industries pay, on average

\$117,220

dollars per year (2013).

Advanced industries directly account for

1.4%

of all jobs in the region.

This employment share is

#278

among all small metros.

This accounts for

6.8%

of all output in the region (2013).

This compares to average pay of

\$46,460

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

-3.0%

Jacksonville, NC

U.S.

OUTPUT

3.8%

2.3%

Jacksonville, NC

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.

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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	300	0.25	21.8%	-7.3%	13.4%	-4.7%
5413	Architecture & Engineering	200	0.22	14.7%	-5.0%	6.6%	-3.4%
3391	Medical Equipment & Supplies	160	0.79	12.1%	22.6%	7.9%	20.6%
5416	Management Consulting	160	0.19	11.4%	-1.5%	5.6%	-1.1%
2211	Power Generation & Supply	100	0.37	7.3%	-5.7%	26.3%	1.1%
3254	Pharmaceuticals	70	0.36	5.0%	8.0%	19.3%	18.0%
5179	Other telecommunications	60	0.97	4.1%	8.4%	2.7%	13.4%
3399	Misc. Manufacturing	40	0.21	3.0%	-20.6%	1.4%	-19.4%
5182	Data Processing & Hosting	40	0.22	3.0%	-3.1%	1.9%	-4.2%
3363	Motor Vehicle Parts	20	0.06	1.5%	7.7%	0.8%	33.4%
3345	Precision Instruments	20	0.07	1.4%	8.2%	1.3%	1.1%
5417	R&D Services	20	0.04	1.3%	-31.1%	0.8%	-28.4%
6215	Medical and Diagnostic Laboratories	20	0.10	1.3%	-26.0%	0.4%	-30.8%
3359	Misc. Electrical Equipment	20	0.19	1.2%	7.2%	0.6%	2.4%
3252	Resins & Synthetic Rubbers	10	0.22	1.0%	8.4%	1.4%	7.2%
3259	Misc. Chemicals	10	0.25	1.0%	8.4%	1.7%	9.9%
3353	Electrical Equipment	10	0.13	1.0%	5.7%	0.7%	5.0%
3279	Stone & Mineral Products	10	0.25	0.9%	0.0%	0.4%	0.8%
3366	Ships & Boats	10	0.11	0.7%	7.7%	0.2%	-8.0%
3361	Motor Vehicles	10	0.07	0.7%	8.7%	0.6%	44.5%
3251	Basic Chemicals	10	0.07	0.5%	5.3%	0.8%	6.8%
3364	Aircraft Products & Parts	10	0.02	0.5%	5.3%	0.6%	4.3%
3253	Pesticides & Fertilizers	10	0.23	0.4%	6.3%	0.7%	8.5%
5172	Wireless Telecom Carriers	10	0.06	0.4%	-29.3%	0.3%	-24.0%
3241	Petroleum & Coal Products	10	0.07	0.4%	7.7%	0.3%	-6.4%
Advanced industries manufacturing		460	0.12	34.2%	6.8%	40.6%	12.1%
Advanced industries energy		100	0.23	7.4%	-5.6%	26.4%	1.2%
Advanced industries services		790	0.19	58.4%	-7.0%	33.0%	-5.5%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>1,360</b>	<b>0.16</b>	<b>100.0%</b>	<b>-3.0%</b>	<b>100.0%</b>	<b>2.3%</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.