

Wilmington, NC

Advanced industries employ

8,160

full-time workers. (2013)

These direct jobs supports an additional

6,530

indirect jobs in other industries in the region.

Advanced industries produce

\$1.9

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

Advanced industries pay, on average

\$86,810

dollars per year (2013).

Advanced industries directly account for

7.2%

of all jobs in the region.

This employment share is

#102

among all small metros.

This accounts for

17.2%

of all output in the region (2013).

This compares to average pay of

\$41,150

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

OUTPUT

4.2%

3.8%

-0.1%

Wilmington, NC

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
5417	R&D Services	2,010	3.96	24.7%	-0.8%	16.0%	1.9%
5413	Architecture & Engineering	990	0.92	12.2%	3.2%	5.8%	4.0%
3364	Aircraft Products & Parts	950	2.38	11.7%	1.7%	11.0%	5.9%
3251	Basic Chemicals	660	5.69	8.0%	-3.7%	24.0%	1.1%
5416	Management Consulting	640	0.67	7.8%	-0.8%	4.0%	-1.1%
5415	Computer Systems Design	460	0.34	5.6%	4.4%	3.7%	6.4%
3363	Motor Vehicle Parts	310	0.75	3.7%	1.2%	1.6%	29.6%
5172	Wireless Telecom Carriers	260	2.14	3.2%	-4.5%	2.3%	4.3%
3361	Motor Vehicles	250	1.68	3.1%	1.4%	2.2%	45.4%
2211	Power Generation & Supply	180	0.56	2.2%	-6.7%	6.1%	-0.2%
3399	Misc. Manufacturing	160	0.72	1.9%	18.5%	1.3%	23.3%
3253	Pesticides & Fertilizers	150	5.12	1.9%	2.3%	5.6%	8.5%
6215	Medical and Diagnostic Laboratories	120	0.61	1.5%	-8.2%	0.6%	-13.3%
5112	Software Products	100	0.41	1.2%	38.4%	2.7%	24.3%
3339	General Purpose Machinery	90	0.41	1.0%	2.0%	0.8%	5.6%
3259	Misc. Chemicals	70	1.09	0.9%	1.4%	2.9%	10.1%
3331	Agri., Constr., Mining Machinery	70	0.36	0.9%	-18.5%	0.7%	-18.6%
3365	Railroad Rolling Stock Manufacturing	70	3.71	0.9%	2.4%	0.5%	16.1%
3391	Medical Equipment & Supplies	60	0.24	0.7%	6.5%	0.6%	7.9%
3359	Misc. Electrical Equipment	60	0.55	0.7%	-2.3%	0.5%	-5.2%
3279	Stone & Mineral Products	50	0.97	0.7%	-7.4%	0.3%	-3.3%
5174	Satellite Telecommunications	50	7.13	0.6%	-6.7%	0.5%	33.1%
3336	Engine & Power Equipment	50	0.63	0.6%	-12.8%	0.7%	-7.7%
5179	Other telecommunications	50	0.74	0.6%	-4.8%	0.5%	0.1%
3369	Misc. Transportation Equipment	40	1.68	0.5%	0.0%	0.2%	-1.6%
Advanced industries manufacturing		3,270	0.75	40.0%	-0.3%	57.8%	5.1%
Advanced industries energy		180	0.35	2.2%	-6.5%	6.1%	-0.2%
Advanced industries services		4,720	0.95	57.8%	0.3%	36.1%	3.5%
ADVANCED INDUSTRIES TOTAL		8,160	0.83	100.0%	-0.1%	100.0%	4.2%

† 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.