

Durham, NC

Advanced industries employ

47,138

full-time workers. (2015)

These direct jobs supports an additional

37,710

indirect jobs in other industries in
the region.

Advanced industries produce

\$12.3

billion dollars in output in the region.
(2015, 2009 Chained)

Advanced industries pay, on average

\$124,808

dollars per year (2015).

Advanced industries directly
account for

15.7%

of all jobs in the region.

This employment share is

#8

among all small metros.

This accounts for

36.4%

of all output in the region (2015).

This compares to average pay of

\$61,664

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK:
#192

2.70%

JOBS

RANK:
#136

2.46%

1.72%

0.27%

Durham, 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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

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DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

Durham, NC

Twenty-Five Largest Advanced Industries (2015)

There are 9 advanced industries in Durham, NC with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010- 2013	2013- 2015		2010- 2013	2013- 2015
5417	R&D Services	10,140	7.51	21.5%	-0.2%	1.7%	11.8%	-0.1%	4.7%
3254	Pharmaceuticals	7,150	12.55	15.2%	-1.0%	3.3%	35.8%	-1.4%	1.7%
3341	Computer Equipment	6,880	20.79	14.6%	-1.9%	-9.2%	17.4%	-3.2%	-10.5%
5415	Computer Systems Design	4,840	1.24	10.3%	3.3%	12.7%	4.6%	2.0%	13.5%
3363	Motor Vehicle Parts	2,600	2.25	5.5%	20.4%	7.6%	4.6%	42.7%	14.7%
5416	Management Consulting	2,400	0.92	5.1%	-2.3%	11.0%	2.0%	-5.0%	6.3%
3344	Semiconductors	2,240	2.98	4.7%	3.7%	-4.2%	4.8%	2.8%	-8.3%
5413	Engineering	2,200	0.77	4.7%	-0.1%	3.5%	1.9%	0.2%	7.6%
6215	Medical and Diagnostic Laboratories	1,750	3.29	3.7%	60.4%	5.1%	1.2%	42.8%	4.0%
5112	Software Products	1,400	2.05	3.0%	22.2%	24.3%	3.7%	17.8%	26.3%
3391	Medical Equipment & Supplies	1,220	1.95	2.6%	9.3%	3.4%	2.0%	15.8%	7.8%
2211	Power Generation & Supply	640	0.78	1.3%	-2.6%	1.8%	2.5%	-1.2%	-11.5%
5191	Web Search Portals and Internet Publishing	540	1.09	1.1%	-5.9%	19.8%	0.6%	-11.0%	17.5%
3353	Electrical Equipment	400	1.38	0.9%	27.4%	10.0%	0.6%	15.9%	10.9%
3359	Misc. Electrical Equipment	380	1.43	0.8%	21.5%	-9.7%	0.5%	17.9%	-0.2%
3345	Precision Instruments	290	0.35	0.6%	-54.5%	58.7%	0.7%	-48.6%	39.1%
3342	Communications Equipment	270	1.47	0.6%	-20.0%	-40.2%	1.6%	-16.0%	-17.9%
5182	Data Processing & Hosting	260	0.43	0.6%	-6.6%	12.8%	0.4%	-11.1%	17.8%
5179	Other telecommunications	180	1.05	0.4%	3.2%	-18.9%	0.3%	11.6%	-19.3%
3399	Misc. Manufacturing	140	0.25	0.3%	8.5%	0.0%	0.2%	16.6%	10.6%
5172	Wireless Telecom Carriers	130	0.46	0.3%	4.5%	18.5%	0.2%	4.9%	35.0%
3271	Clay Product and Refractory Manufacturing	120	1.53	0.3%	-8.7%	-8.2%	0.1%	-4.2%	-0.7%
3259	Misc. Chemicals	120	0.72	0.3%	-1.5%	-3.2%	0.4%	-5.7%	-5.3%
3361	Motor Vehicles	110	0.25	0.2%	16.7%	5.0%	0.4%	40.5%	14.1%
3253	Pesticides & Fertilizers	100	1.35	0.2%	1.2%	91.8%	0.1%	-3.2%	-10.8%
IFG	Advanced industries manufacturing	22,690	1.99	48.1%	-0.8%	-2.6%	70.9%	-1.6%	-2.0%
	Advanced industries energy	640	0.50	1.4%	-2.5%	1.7%	2.5%	-1.2%	-11.4%
	Advanced industries services	23,820	1.75	50.5%	2.8%	6.4%	26.6%	2.1%	9.0%
	ADVANCED INDUSTRIES TOTAL	47,140	1.79	100.0%	0.8%	1.7%	100.0%	-0.8%	0.3%

† 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.