

Winston, NC

Advanced industries employ

12,620

full-time workers. (2013)

These direct jobs supports an additional

10,100

indirect jobs in other industries in
the region.

Advanced industries produce

\$2.8

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

Advanced industries pay, on average

\$67,630

dollars per year (2013).

Advanced industries directly
account for

4.9%

of all jobs in the region.

This employment share is

#91

among all large metros.

This accounts for

10.9%

of all output in the region (2013).

This compares to average pay of

\$43,830

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

3.3%

2.7%

Winston, NC

U.S.

OUTPUT

4.6%

3.8%

Winston, 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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www.brookings.edu/advancedindustries

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DATA NOTES

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

Winston, NC

Twenty-Five Largest Advanced Industries (2013)

There are 7 advanced industries in Winston, NC with LQs over 1.5. LQs over 1.5 indicate specialization †

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
5416	Management Consulting	1,480	0.68	11.8%	5.3%	7.1%	4.9%
3331	Agri., Constr., Mining Machinery	1,190	2.62	9.5%	33.9%	7.9%	35.7%
5415	Computer Systems Design	870	0.28	6.9%	0.0%	5.3%	2.1%
5413	Architecture & Engineering	790	0.32	6.3%	-2.8%	3.5%	-1.9%
3363	Motor Vehicle Parts	710	0.76	5.6%	-8.5%	3.3%	4.8%
3359	Misc. Electrical Equipment	670	2.91	5.3%	3.5%	4.1%	0.4%
3364	Aircraft Products & Parts	630	0.69	5.0%	46.3%	6.3%	29.5%
3345	Precision Instruments	580	0.80	4.6%	-6.5%	5.2%	-12.3%
5417	R&D Services	540	0.47	4.3%	-3.1%	3.3%	-0.4%
3252	Resins & Synthetic Rubbers	480	2.86	3.8%	5.0%	11.9%	10.3%
3391	Medical Equipment & Supplies	440	0.79	3.5%	11.4%	3.1%	11.8%
3336	Engine & Power Equipment	430	2.29	3.4%	-11.5%	3.7%	-5.3%
3399	Misc. Manufacturing	360	0.72	2.9%	2.8%	1.9%	6.5%
3332	Industrial Machinery	320	1.65	2.5%	11.1%	2.0%	10.9%
6215	Medical and Diagnostic Laboratories	310	0.68	2.4%	-4.1%	1.0%	-9.6%
3339	General Purpose Machinery	300	0.63	2.3%	4.4%	1.9%	8.3%
2211	Power Generation & Supply	270	0.37	2.1%	-3.6%	7.7%	3.5%
5182	Data Processing & Hosting	210	0.42	1.6%	4.2%	1.3%	2.9%
3362	Motor Vehicle Body & Trailers	190	0.76	1.5%	12.2%	0.7%	33.8%
3344	Semiconductors	150	0.21	1.1%	-6.3%	1.1%	-20.3%
3346	Magnetic & Optical Media	140	4.08	1.1%	-14.9%	1.0%	-27.7%
3271	Clay Product and Refractory Manufacturing	140	1.89	1.1%	6.7%	0.5%	9.5%
3366	Ships & Boats	130	0.55	1.0%	44.6%	0.3%	14.3%
3361	Motor Vehicles	120	0.36	1.0%	31.9%	1.0%	66.1%
5179	Other telecommunications	110	0.72	0.9%	-6.5%	0.7%	-2.7%
Advanced industries manufacturing		7,880	0.79	62.4%	5.6%	67.5%	5.9%
Advanced industries energy		270	0.23	2.1%	-3.6%	7.7%	3.5%
Advanced industries services		4,480	0.40	35.5%	0.1%	24.8%	1.8%
ADVANCED INDUSTRIES TOTAL		12,620	0.56	100.0%	3.3%	100.0%	4.6%

† 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.