

Winston, NC

Advanced industries employ

14,298

full-time workers. (2015)

These direct jobs supports an additional

11,440

indirect jobs in other industries in the region.

Advanced industries produce

\$3.1

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

Advanced industries pay, on average

\$65,868

dollars per year (2015).

Advanced industries directly account for

5.4%

of all jobs in the region.

This employment share is

#87

among all large metros.

This accounts for

12.1%

of all output in the region (2015).

This compares to average pay of

\$48,111

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

4.46% RANK:
#27

2.70%

3.49% RANK:
#30

2.46%

Winston, 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.

Winston, NC

Twenty-Five Largest Advanced Industries (2015)

There are 9 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 (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
5416	Management Consulting	1,300	0.57	9.1%	8.2%	-6.3%	6.0%	5.7%	-1.4%
3331	Agri., Constr., Mining Machinery	1,260	2.97	8.8%	31.7%	4.4%	7.3%	29.2%	11.0%
5415	Computer Systems Design	1,040	0.30	7.3%	2.4%	10.2%	5.4%	2.5%	16.3%
5413	Engineering	1,000	0.39	7.0%	-0.3%	14.0%	3.7%	0.8%	11.4%
3359	Misc. Electrical Equipment	850	3.65	5.9%	3.8%	6.3%	4.3%	-3.2%	9.6%
6215	Medical and Diagnostic Laboratories	710	1.54	5.0%	-7.3%	6.6%	1.8%	-13.2%	2.8%
3363	Motor Vehicle Parts	700	0.69	4.9%	-9.6%	3.5%	2.7%	-4.3%	5.4%
3339	General Purpose Machinery	640	1.34	4.5%	4.3%	8.1%	3.0%	2.4%	7.6%
3252	Resins & Synthetic Rubbers	590	3.50	4.1%	5.4%	6.7%	11.9%	4.2%	9.6%
3345	Precision Instruments	590	0.82	4.1%	-3.8%	-0.8%	6.3%	-2.0%	-7.2%
3364	Aircraft Products & Parts	590	0.67	4.1%	33.5%	6.2%	8.5%	44.4%	10.7%
5417	R&D Services	550	0.47	3.9%	0.0%	6.8%	3.2%	2.0%	9.2%
3362	Motor Vehicle Body & Trailers	500	1.85	3.5%	33.2%	9.3%	2.8%	60.8%	16.3%
3391	Medical Equipment & Supplies	450	0.81	3.1%	5.2%	-2.0%	3.0%	10.2%	-0.7%
3336	Engine & Power Equipment	380	2.06	2.6%	-14.9%	-2.1%	2.8%	-12.1%	-1.7%
3399	Misc. Manufacturing	360	0.72	2.5%	7.3%	-2.0%	1.9%	14.9%	2.3%
3332	Industrial Machinery	340	1.69	2.4%	17.4%	0.9%	1.8%	12.6%	3.4%
5182	Data Processing & Hosting	210	0.39	1.5%	0.0%	25.1%	1.2%	-5.0%	33.7%
2211	Power Generation & Supply	170	0.25	1.2%	3.3%	-2.0%	3.3%	5.9%	-17.4%
3361	Motor Vehicles	160	0.45	1.1%	29.9%	9.0%	1.4%	55.5%	13.6%
3346	Magnetic & Optical Media	140	4.54	1.0%	-16.2%	-4.8%	0.4%	-25.1%	-10.8%
3341	Computer Equipment	130	0.44	0.9%	-10.5%	21.5%	0.9%	-15.1%	4.1%
3271	Clay Product and Refractory Manufacturing	130	1.77	0.9%	7.1%	2.5%	0.4%	8.1%	5.6%
5112	Software Products	120	0.21	0.9%	11.3%	-28.0%	3.5%	6.4%	-0.8%
3366	Ships & Boats	120	0.50	0.8%	32.1%	6.4%	0.5%	53.3%	14.9%
IFG	Advanced industries manufacturing	9,000	0.90	63.0%	5.4%	3.6%	70.9%	5.6%	5.2%
	Advanced industries energy	180	0.16	1.2%	3.3%	-2.2%	3.3%	5.9%	-17.4%
	Advanced industries services	5,120	0.43	35.8%	1.5%	3.5%	25.8%	1.3%	6.5%
ADVANCED INDUSTRIES TOTAL		14,300	0.62	100.0%	3.9%	3.5%	100.0%	4.5%	4.5%

† 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.