

Nashville, TN

Advanced industries employ

69,560

full-time workers. (2013)

These direct jobs supports an additional

55,650

indirect jobs in other industries in
the region.

Advanced industries produce

\$11.7

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

Advanced industries pay, on average

\$75,010

dollars per year (2013).

Advanced industries directly
account for

8.1%

of all jobs in the region.

This employment share is

#54

among all large metros.

This accounts for

13.6%

of all output in the region (2013).

This compares to average pay of

\$48,440

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

8.5%

2.7%

Nashville, TN

U.S.

OUTPUT

10.9%

3.8%

Nashville, TN

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.

Nashville, TN

Twenty-Five Largest Advanced Industries (2013)

There are 8 advanced industries in Nashville, TN 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
3363	Motor Vehicle Parts	11,930	3.86	17.2%	18.2%	15.7%	27.1%
3361	Motor Vehicles	9,460	8.34	13.6%	26.7%	13.6%	31.0%
5415	Computer Systems Design	6,860	0.66	9.9%	11.4%	10.8%	12.9%
5413	Architecture & Engineering	6,450	0.79	9.3%	0.9%	7.6%	-2.3%
5416	Management Consulting	5,960	0.83	8.6%	6.3%	7.7%	5.4%
3352	Household Appliances	4,540	12.86	6.5%	3.0%	5.3%	8.9%
5182	Data Processing & Hosting	3,980	2.45	5.7%	7.2%	4.4%	6.4%
6215	Medical and Diagnostic Laboratories	3,410	2.28	4.9%	10.4%	2.8%	10.3%
3353	Electrical Equipment	1,780	2.05	2.6%	4.9%	3.3%	12.9%
3399	Misc. Manufacturing	1,540	0.92	2.2%	1.8%	1.7%	3.9%
3366	Ships & Boats	1,430	1.83	2.1%	6.7%	0.7%	8.6%
5112	Software Products	1,170	0.65	1.7%	14.1%	3.2%	20.6%
5417	R&D Services	1,160	0.30	1.7%	11.9%	1.7%	16.0%
3364	Aircraft Products & Parts	830	0.27	1.2%	11.0%	0.9%	14.3%
3252	Resins & Synthetic Rubbers	830	1.47	1.2%	-4.9%	1.7%	-1.6%
2211	Power Generation & Supply	740	0.31	1.1%	0.5%	3.5%	-5.0%
3341	Computer Equipment	600	0.63	0.9%	-13.1%	0.9%	-27.8%
3313	Aluminum Products	540	1.52	0.8%	6.5%	0.6%	15.4%
3391	Medical Equipment & Supplies	530	0.29	0.8%	-7.0%	1.0%	-8.2%
3259	Misc. Chemicals	500	0.98	0.7%	-3.0%	1.0%	-2.4%
3345	Precision Instruments	470	0.20	0.7%	-10.5%	0.9%	0.4%
5172	Wireless Telecom Carriers	470	0.50	0.7%	2.0%	0.8%	9.9%
3333	Commercial & Service Machinery	410	0.78	0.6%	-10.2%	0.5%	-5.9%
3362	Motor Vehicle Body & Trailers	380	0.46	0.5%	15.8%	2.3%	64.7%
3251	Basic Chemicals	340	0.39	0.5%	1.6%	0.9%	4.3%
Advanced industries manufacturing		38,690	1.17	55.6%	10.3%	55.2%	15.4%
Advanced industries energy		860	0.22	1.2%	2.4%	5.0%	2.1%
Advanced industries services		30,010	0.80	43.1%	6.6%	39.8%	6.8%
ADVANCED INDUSTRIES TOTAL		69,560	0.93	100.0%	8.5%	100.0%	10.9%

† 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.