

Chattanooga, TN-GA

Advanced industries employ

17,953

full-time workers. (2015)

These direct jobs supports an additional

14,360

indirect jobs in other industries in the region.

Advanced industries produce

\$3.0

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

Advanced industries pay, on average

\$74,269

dollars per year (2015).

Advanced industries directly account for

7.2%

of all jobs in the region.

This employment share is

#67

among all large metros.

This accounts for

12.7%

of all output in the region (2015).

This compares to average pay of

\$44,936

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK: **#87**
2.70%

JOB

RANK: **#84**
2.46%

0.24%

0.14%

Chattanooga, TN-GA

U.S.

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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.

Chattanooga, TN-GA

Twenty-Five Largest Advanced Industries (2015)

There are 12 advanced industries in Chattanooga, TN-GA 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
5413	Engineering	2,030	0.85	11.3%	10.8%	0.6%	9.0%	4.6%	0.5%
3363	Motor Vehicle Parts	1,320	1.37	7.3%	21.9%	-0.8%	3.8%	20.3%	0.4%
3331	Agri., Constr., Mining Machinery	1,280	3.17	7.1%	2.0%	-2.9%	5.4%	11.3%	-2.7%
3252	Resins & Synthetic Rubbers	1,190	7.41	6.6%	-0.1%	-0.7%	7.9%	0.9%	-3.7%
3364	Aircraft Products & Parts	910	1.09	5.1%	35.2%	-3.4%	5.3%	34.1%	6.6%
5416	Management Consulting	910	0.42	5.0%	8.3%	-5.3%	5.7%	4.0%	-2.1%
3352	Household Appliances	800	7.65	4.5%	2.7%	7.1%	4.9%	8.0%	8.9%
5415	Computer Systems Design	770	0.24	4.3%	6.0%	-8.4%	4.1%	8.1%	-3.9%
3361	Motor Vehicles	750	2.15	4.2%	33.5%	-2.9%	2.9%	25.2%	3.2%
3399	Misc. Manufacturing	720	1.49	4.0%	15.6%	3.6%	2.9%	17.6%	6.4%
3353	Electrical Equipment	690	2.84	3.9%	8.4%	-15.2%	3.2%	17.3%	-24.5%
5172	Wireless Telecom Carriers	680	2.97	3.8%	-14.7%	13.7%	5.4%	-11.5%	17.5%
3362	Motor Vehicle Body & Trailers	650	2.52	3.6%	28.7%	-2.9%	6.5%	70.3%	-13.7%
3332	Industrial Machinery	520	2.71	2.9%	4.5%	10.1%	2.3%	9.1%	1.4%
6215	Medical and Diagnostic Laboratories	480	1.09	2.7%	2.1%	29.6%	1.2%	0.7%	14.4%
3359	Misc. Electrical Equipment	410	1.84	2.3%	4.7%	8.6%	2.6%	8.6%	6.2%
3339	General Purpose Machinery	390	0.85	2.1%	1.5%	-3.6%	1.5%	4.1%	-2.8%
3254	Pharmaceuticals	360	0.76	2.0%	0.8%	2.0%	3.4%	11.4%	-1.5%
5182	Data Processing & Hosting	350	0.69	1.9%	14.7%	-0.8%	1.7%	12.7%	8.3%
3351	Electrical Lighting Equipment	270	3.25	1.5%	-1.2%	9.9%	1.2%	6.9%	10.5%
3315	Foundries	230	1.09	1.3%	-0.8%	-4.6%	1.0%	9.8%	-8.4%
3336	Engine & Power Equipment	210	1.22	1.2%	5.7%	9.4%	0.7%	8.9%	0.9%
3241	Petroleum & Coal Products	210	1.11	1.2%	6.4%	0.5%	3.9%	4.6%	19.9%
3311	Iron & Steel Products	180	1.17	1.0%	6.2%	-2.4%	0.7%	15.6%	-8.6%
3251	Basic Chemicals	170	0.65	0.9%	-6.5%	1.2%	1.4%	-4.2%	-4.1%
IFG	Advanced industries manufacturing	12,350	1.30	68.8%	7.9%	-0.6%	67.3%	12.6%	-2.0%
	Advanced industries energy	210	0.19	1.2%	6.9%	11.7%	3.8%	0.8%	16.0%
	Advanced industries services	5,400	0.48	30.1%	2.6%	1.6%	28.8%	0.0%	4.1%
ADVANCED INDUSTRIES TOTAL		17,950	0.82	100.0%	6.3%	0.1%	100.0%	8.3%	0.2%

† 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.