

Chattanooga, TN-GA

Advanced industries employ

17,840

full-time workers. (2013)

These direct jobs supports an additional

14,270

indirect jobs in other industries in the region.

Advanced industries produce

\$3.0

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

Advanced industries pay, on average

\$64,740

dollars per year (2013).

Advanced industries directly

account for

7.3%

of all jobs in the region.

This employment share is

#67

among all large metros.

This accounts for

13.2%

of all output in the region (2013).

This compares to average pay of

\$41,940

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

OUTPUT

6.4%

2.7%

8.0%

3.8%

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

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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.

Chattanooga, TN-GA

Twenty-Five Largest Advanced Industries (2013)

There are 13 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 (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
5413	Architecture & Engineering	2,020	0.88	11.3%	11.8%	9.6%	7.6%
3331	Agri., Constr., Mining Machinery	1,340	3.14	7.5%	1.7%	5.7%	6.6%
3363	Motor Vehicle Parts	1,310	1.50	7.3%	21.4%	4.5%	19.5%
3252	Resins & Synthetic Rubbers	1,160	7.31	6.5%	-0.7%	8.0%	-0.9%
5416	Management Consulting	1,050	0.52	5.9%	10.5%	5.4%	9.0%
3364	Aircraft Products & Parts	960	1.13	5.4%	34.9%	3.1%	25.0%
3353	Electrical Equipment	960	3.89	5.4%	8.3%	5.1%	12.3%
5415	Computer Systems Design	960	0.33	5.4%	7.8%	6.0%	8.7%
3361	Motor Vehicles	790	2.46	4.4%	33.3%	3.2%	25.4%
3352	Household Appliances	690	6.94	3.9%	2.6%	3.9%	5.2%
3362	Motor Vehicle Body & Trailers	680	2.91	3.8%	28.7%	9.7%	71.2%
3399	Misc. Manufacturing	660	1.40	3.7%	14.9%	2.6%	19.2%
5172	Wireless Telecom Carriers	520	1.98	2.9%	-14.7%	3.7%	-9.8%
3332	Industrial Machinery	430	2.33	2.4%	4.2%	2.1%	8.8%
3339	General Purpose Machinery	410	0.93	2.3%	1.2%	1.4%	1.8%
3254	Pharmaceuticals	360	0.76	2.0%	1.4%	3.2%	13.4%
5182	Data Processing & Hosting	350	0.77	2.0%	14.4%	1.5%	13.6%
3359	Misc. Electrical Equipment	340	1.59	1.9%	4.6%	2.3%	5.7%
6215	Medical and Diagnostic Laboratories	280	0.67	1.6%	1.3%	0.9%	1.7%
3315	Foundries	250	1.15	1.4%	-1.4%	1.4%	12.1%
3351	Electrical Lighting Equipment	220	2.69	1.2%	-1.2%	1.0%	-2.5%
3241	Petroleum & Coal Products	200	1.06	1.1%	6.3%	2.0%	-8.2%
3311	Iron & Steel Products	180	1.17	1.0%	5.7%	0.9%	18.8%
3336	Engine & Power Equipment	180	1.01	1.0%	5.5%	0.6%	1.1%
3391	Medical Equipment & Supplies	170	0.33	1.0%	-3.3%	1.3%	-2.9%
Advanced industries manufacturing		12,340	1.32	69.2%	7.7%	68.3%	10.6%
Advanced industries energy		170	0.15	0.9%	8.2%	3.5%	7.4%
Advanced industries services		5,330	0.50	29.9%	3.6%	28.2%	2.6%
ADVANCED INDUSTRIES TOTAL		17,840	0.85	100.0%	6.4%	100.0%	8.0%

† 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.