

Cleveland, TN

Advanced industries employ

5,190

full-time workers. (2015)

These direct jobs supports an additional

4,150

indirect jobs in other industries in the region.

Advanced industries produce

\$0.8

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

Advanced industries pay, on average

\$62,329

dollars per year (2015).

Advanced industries directly account for

10.7%

of all jobs in the region.

This employment share is

#38

among all small metros.

This accounts for

20.8%

of all output in the region (2015).

This compares to average pay of

\$37,791

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

2.21% RANK: #131

2.70%

5.52% RANK: #32

2.46%

Cleveland, TN

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.

Cleveland, TN

Twenty-Five Largest Advanced Industries (2015)

There are 8 advanced industries in Cleveland, TN 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
3352	Household Appliances	2,690	132.84	51.8%	8.4%	10.2%	41.8%	9.7%	9.8%
3251	Basic Chemicals	550	11.20	10.6%	1.4%	-10.3%	16.1%	7.8%	-12.0%
3391	Medical Equipment & Supplies	460	4.59	8.9%	-1.2%	1.9%	9.0%	-3.1%	7.0%
3353	Electrical Equipment	450	9.43	8.6%	8.5%	9.8%	10.3%	14.1%	1.7%
3279	Stone & Mineral Products	120	4.75	2.2%	79.2%	12.3%	1.2%	88.7%	12.1%
5413	Engineering	110	0.24	2.1%	6.0%	1.9%	1.9%	0.2%	0.4%
5416	Management Consulting	90	0.22	1.8%	13.8%	25.5%	1.2%	8.0%	-2.1%
3399	Misc. Manufacturing	80	0.88	1.6%	3.6%	1.9%	1.0%	4.5%	3.2%
3359	Misc. Electrical Equipment	70	1.73	1.4%	11.3%	9.2%	1.8%	11.1%	7.0%
5417	R&D Services	70	0.31	1.3%	2.5%	9.2%	1.0%	5.0%	-7.8%
3252	Resins & Synthetic Rubbers	60	2.07	1.2%	8.0%	-6.4%	1.4%	0.2%	-7.7%
2211	Power Generation & Supply	60	0.42	1.1%	6.3%	0.9%	3.4%	-3.0%	-1.5%
5415	Computer Systems Design	50	0.07	0.9%	13.5%	10.0%	0.7%	14.7%	-2.5%
3361	Motor Vehicles	40	0.64	0.8%	9.7%	7.8%	0.8%	13.5%	11.8%
3254	Pharmaceuticals	30	0.37	0.7%	6.8%	-6.6%	1.1%	9.7%	-6.5%
3259	Misc. Chemicals	30	1.19	0.6%	3.9%	-7.0%	1.0%	-2.5%	-10.3%
3363	Motor Vehicle Parts	30	0.17	0.6%	19.1%	7.2%	0.5%	28.0%	9.4%
5174	Satellite Telecommunications	30	10.78	0.6%	9.1%	5.6%	0.1%	14.1%	-5.5%
3313	Aluminum Products	20	1.02	0.4%	3.6%	0.0%	0.2%	7.6%	-5.3%
3271	Clay Product and Refractory Manufacturing	20	1.31	0.3%	67.1%	10.2%	0.2%	79.0%	8.3%
5152	Cable and Other Subscription Programming	20	0.73	0.3%	4.3%	-6.1%	1.1%	12.6%	7.7%
6215	Medical and Diagnostic Laboratories	20	0.18	0.3%	7.2%	-3.2%	0.2%	8.0%	-4.4%
5172	Wireless Telecom Carriers	10	0.32	0.3%	10.1%	8.0%	0.5%	15.6%	14.8%
3351	Electrical Lighting Equipment	10	0.82	0.3%	11.2%	8.7%	0.2%	5.3%	-10.4%
3241	Petroleum & Coal Products	10	0.28	0.2%	4.0%	5.4%	0.7%	5.8%	24.9%
IFG	Advanced industries manufacturing	4,730	2.57	91.1%	6.5%	5.4%	88.7%	8.2%	2.5%
	Advanced industries energy	60	0.28	1.1%	6.4%	0.0%	4.4%	-0.2%	-0.7%
	Advanced industries services	400	0.18	7.7%	7.6%	8.3%	6.9%	6.4%	0.1%
	ADVANCED INDUSTRIES TOTAL	5,190	1.22	100.0%	6.6%	5.5%	100.0%	7.6%	2.2%

† 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.