

Auburn, AL

Advanced industries employ

4,220

full-time workers. (2013)

These direct jobs supports an additional

3,380

indirect jobs in other industries in the region.

Advanced industries produce

\$0.8

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

Advanced industries pay, on average

\$53,760

dollars per year (2013).

Advanced industries directly account for

7.2%

of all jobs in the region.

This employment share is

#99

among all small metros.

This accounts for

16.0%

of all output in the region (2013).

This compares to average pay of

\$32,840

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

7.3%

2.7%

Auburn, AL

U.S.

OUTPUT

13.1%

3.8%

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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

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DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

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Twenty-Five Largest Advanced Industries (2013)

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	1,500	7.13	35.6%	5.4%	25.9%	14.7%
5415	Computer Systems Design	390	0.55	9.2%	54.4%	7.4%	54.4%
3339	General Purpose Machinery	330	3.12	7.8%	1.9%	4.0%	8.0%
5416	Management Consulting	210	0.43	4.9%	-4.6%	3.3%	-7.5%
3259	Misc. Chemicals	170	5.02	4.1%	60.3%	4.1%	46.1%
5417	R&D Services	170	0.66	4.1%	5.8%	3.3%	5.5%
5413	Architecture & Engineering	160	0.28	3.7%	-2.6%	2.2%	-5.5%
3352	Household Appliances	130	5.57	3.2%	3.2%	1.2%	-6.6%
3391	Medical Equipment & Supplies	110	0.86	2.6%	-1.2%	1.2%	-3.6%
3252	Resins & Synthetic Rubbers	90	2.43	2.2%	61.7%	5.6%	57.3%
3331	Agri., Constr., Mining Machinery	90	0.90	2.2%	-3.7%	1.8%	0.9%
2211	Power Generation & Supply	80	0.47	1.8%	-6.2%	5.0%	-5.6%
3251	Basic Chemicals	70	1.18	1.7%	63.6%	4.0%	55.5%
3253	Pesticides & Fertilizers	70	4.26	1.6%	60.4%	3.7%	48.8%
3332	Industrial Machinery	60	1.39	1.4%	-6.2%	0.9%	-4.1%
5182	Data Processing & Hosting	60	0.55	1.4%	-6.2%	1.1%	-2.9%
3333	Commercial & Service Machinery	60	1.66	1.4%	-4.6%	0.9%	-0.6%
3336	Engine & Power Equipment	60	1.38	1.4%	-5.6%	1.6%	-2.6%
3241	Petroleum & Coal Products	60	1.18	1.3%	2.5%	5.7%	29.5%
3399	Misc. Manufacturing	50	0.42	1.1%	-1.4%	0.4%	-4.4%
5172	Wireless Telecom Carriers	50	0.74	1.1%	3.8%	1.0%	10.6%
3315	Foundries	50	0.87	1.1%	0.8%	0.8%	7.6%
3359	Misc. Electrical Equipment	20	0.42	0.5%	3.2%	0.5%	3.2%
3279	Stone & Mineral Products	20	0.73	0.5%	-4.4%	0.3%	-10.1%
5112	Software Products	20	0.16	0.5%	12.6%	1.1%	13.4%
Advanced industries manufacturing		3,040	1.35	72.0%	6.8%	73.7%	16.3%
Advanced industries energy		90	0.32	2.0%	-6.2%	6.2%	-6.1%
Advanced industries services		1,100	0.43	26.0%	10.2%	20.1%	10.7%
ADVANCED INDUSTRIES TOTAL		4,220	0.83	100.0%	7.3%	100.0%	13.1%

† 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.