

Tuscaloosa, AL

Advanced industries employ

9,440

full-time workers. (2013)

These direct jobs supports an additional

7,550

indirect jobs in other industries in the region.

Advanced industries produce

\$2.1

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

Advanced industries pay, on average

\$73,660

dollars per year (2013).

Advanced industries directly account for

9.3%

of all jobs in the region.

This employment share is

#59

among all small metros.

This accounts for

21.0%

of all output in the region (2013).

This compares to average pay of

\$40,490

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

4.2%

2.7%

Tuscaloosa, AL

U.S.

OUTPUT

9.2%

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	5,650	15.51	59.8%	6.6%	23.8%	21.4%
5413	Architecture & Engineering	790	0.83	8.4%	10.7%	4.3%	10.0%
3241	Petroleum & Coal Products	760	9.43	8.0%	-3.3%	27.8%	21.5%
5416	Management Consulting	440	0.52	4.6%	10.8%	2.7%	10.0%
3311	Iron & Steel Products	270	4.08	2.8%	-1.3%	3.0%	10.9%
5415	Computer Systems Design	250	0.21	2.7%	-4.9%	1.9%	-2.7%
2211	Power Generation & Supply	180	0.65	1.9%	-1.3%	3.7%	0.2%
2111	Oil & Gas Extraction	150	1.09	1.6%	-2.5%	7.1%	-5.4%
3279	Stone & Mineral Products	110	2.28	1.2%	10.4%	0.5%	5.2%
3399	Misc. Manufacturing	100	0.50	1.0%	5.3%	0.3%	1.5%
3344	Semiconductors	70	0.27	0.8%	-6.1%	0.4%	-3.0%
3315	Foundries	70	0.73	0.7%	0.0%	0.3%	4.7%
3271	Clay Product and Refractory Manufacturing	60	2.12	0.6%	10.3%	0.3%	12.4%
3251	Basic Chemicals	60	0.57	0.6%	-5.2%	1.0%	-10.9%
3342	Communications Equipment	50	0.70	0.5%	6.8%	0.4%	16.5%
3346	Magnetic & Optical Media	50	3.65	0.5%	-2.5%	0.2%	-8.8%
3391	Medical Equipment & Supplies	40	0.17	0.4%	1.9%	0.2%	0.3%
5417	R&D Services	40	0.08	0.4%	21.6%	0.3%	24.5%
5182	Data Processing & Hosting	30	0.17	0.3%	-1.9%	0.2%	2.3%
3313	Aluminum Products	30	0.76	0.3%	0.0%	0.2%	12.7%
6215	Medical and Diagnostic Laboratories	30	0.16	0.3%	-9.7%	0.1%	-9.2%
3252	Resins & Synthetic Rubbers	20	0.36	0.3%	-28.6%	0.4%	-30.5%
3339	General Purpose Machinery	20	0.13	0.3%	-1.4%	0.1%	3.1%
3345	Precision Instruments	20	0.09	0.3%	-1.4%	0.1%	7.4%
5172	Wireless Telecom Carriers	20	0.22	0.3%	-2.6%	0.2%	6.5%
Advanced industries manufacturing		7,470	1.92	79.1%	4.1%	79.2%	11.9%
Advanced industries energy		340	0.74	3.6%	-1.8%	10.8%	-3.6%
Advanced industries services		1,630	0.37	17.3%	6.6%	10.0%	6.6%
ADVANCED INDUSTRIES TOTAL		9,440	1.08	100.0%	4.2%	100.0%	9.2%

† 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.