

## Gadsden, AL

Advanced industries employ

1,430

full-time workers. (2013)

These direct jobs supports an additional

1,140

indirect jobs in other industries in the region.

Advanced industries produce

\$0.3

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

Advanced industries pay, on average

\$50,010

dollars per year (2013).

Advanced industries directly account for

3.8%

of all jobs in the region.

This employment share is

#232

among all small metros.

This accounts for

9.2%

of all output in the region (2013).

This compares to average pay of

\$32,860

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOB

2.7%

OUTPUT

3.8%

-5.6%

Gadsden, AL

U.S.

-2.7%

Gadsden, AL

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	500	3.68	35.1%	-5.7%	30.6%	-0.3%
2211	Power Generation & Supply	110	1.04	7.7%	-1.8%	18.2%	-0.3%
5179	Other telecommunications	110	4.65	7.4%	-3.5%	9.6%	-4.2%
3352	Household Appliances	100	6.50	7.1%	-4.2%	2.5%	-13.6%
6215	Medical and Diagnostic Laboratories	90	1.41	6.5%	11.5%	3.1%	14.0%
5413	Architecture & Engineering	70	0.19	4.9%	-10.3%	3.4%	-10.4%
5416	Management Consulting	70	0.21	4.6%	-2.9%	3.6%	-3.1%
5182	Data Processing & Hosting	60	0.85	4.3%	-7.9%	3.2%	-4.6%
3339	General Purpose Machinery	60	0.80	3.9%	-13.5%	2.3%	-7.3%
3359	Misc. Electrical Equipment	30	1.01	2.4%	-4.5%	2.1%	-4.5%
3315	Foundries	30	0.84	2.0%	-11.9%	1.4%	-6.8%
5415	Computer Systems Design	30	0.06	1.9%	-3.5%	1.8%	-0.8%
3311	Iron & Steel Products	20	0.86	1.5%	-13.1%	2.2%	-1.2%
3259	Misc. Chemicals	20	0.76	1.2%	-3.6%	1.4%	-11.8%
3313	Aluminum Products	10	0.83	0.9%	-13.4%	0.8%	0.2%
3344	Semiconductors	10	0.13	0.9%	-4.7%	0.5%	-3.4%
5172	Wireless Telecom Carriers	10	0.29	0.8%	-11.0%	0.6%	-2.3%
3345	Precision Instruments	10	0.10	0.8%	-2.9%	0.5%	3.9%
3353	Electrical Equipment	10	0.29	0.8%	-5.4%	1.4%	9.2%
3241	Petroleum & Coal Products	10	0.27	0.6%	-3.9%	2.4%	20.1%
2111	Oil & Gas Extraction	10	0.13	0.5%	0.0%	2.4%	-3.8%
3351	Electrical Lighting Equipment	10	0.55	0.5%	-4.4%	0.4%	-10.2%
3331	Agri., Constr., Mining Machinery	10	0.09	0.4%	-9.1%	0.4%	-5.1%
3332	Industrial Machinery	10	0.21	0.4%	-12.6%	0.3%	-9.7%
3391	Medical Equipment & Supplies	10	0.06	0.4%	-33.5%	0.2%	-33.4%
Advanced industries manufacturing		870	0.60	61.1%	-7.2%	53.5%	-3.2%
Advanced industries energy		120	0.69	8.2%	-1.7%	20.7%	-0.7%
Advanced industries services		440	0.27	30.7%	-3.3%	25.8%	-3.3%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>1,430</b>	<b>0.43</b>	<b>100.0%</b>	<b>-5.6%</b>	<b>100.0%</b>	<b>-2.7%</b>

† 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.