

Gainesville, GA

Advanced industries employ

5,660

full-time workers. (2013)

These direct jobs supports an additional

4,530

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.0

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

Advanced industries pay, on average

\$71,520

dollars per year (2013).

Advanced industries directly
account for

7.2%

of all jobs in the region.

This employment share is

#95

among all small metros.

This accounts for

12.4%

of all output in the region (2013).

This compares to average pay of

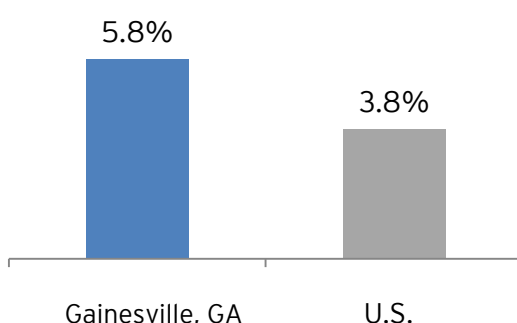
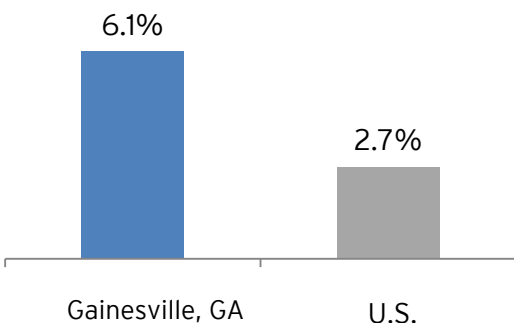
\$42,170

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

OUTPUT



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.

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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
3331	Agri., Constr., Mining Machinery	850	6.18	15.0%	9.8%	14.6%	13.9%
3363	Motor Vehicle Parts	820	2.92	14.5%	18.5%	8.9%	18.7%
3254	Pharmaceuticals	490	3.23	8.7%	8.3%	16.5%	5.3%
3353	Electrical Equipment	360	4.58	6.4%	3.0%	6.0%	2.9%
3391	Medical Equipment & Supplies	360	2.12	6.3%	-3.3%	4.6%	-0.8%
3332	Industrial Machinery	280	4.78	5.0%	-1.4%	3.4%	-6.0%
5413	Architecture & Engineering	230	0.31	4.0%	4.6%	3.1%	4.7%
3361	Motor Vehicles	210	1.99	3.6%	41.1%	7.2%	56.9%
5415	Computer Systems Design	180	0.20	3.3%	12.0%	3.1%	13.5%
3336	Engine & Power Equipment	150	2.75	2.7%	40.1%	1.8%	28.6%
5416	Management Consulting	150	0.24	2.7%	-18.5%	2.2%	-19.2%
2211	Power Generation & Supply	140	0.65	2.5%	-3.9%	6.7%	-2.2%
3339	General Purpose Machinery	140	0.96	2.4%	1.0%	1.4%	-6.9%
3364	Aircraft Products & Parts	120	0.42	2.0%	34.8%	1.9%	25.1%
3315	Foundries	110	1.55	1.9%	20.6%	1.0%	57.4%
3399	Misc. Manufacturing	100	0.67	1.8%	1.7%	0.4%	9.1%
3362	Motor Vehicle Body & Trailers	90	1.25	1.7%	30.8%	1.5%	37.3%
3252	Resins & Synthetic Rubbers	90	1.68	1.5%	12.1%	1.7%	-0.3%
5417	R&D Services	80	0.23	1.4%	0.0%	1.3%	0.8%
3251	Basic Chemicals	80	0.97	1.4%	9.3%	1.7%	2.3%
3313	Aluminum Products	60	1.97	1.1%	9.3%	0.6%	21.6%
3259	Misc. Chemicals	60	1.20	1.0%	-9.0%	1.0%	-14.7%
3341	Computer Equipment	50	0.61	0.9%	-17.4%	1.3%	-16.7%
3359	Misc. Electrical Equipment	50	0.72	0.9%	1.4%	1.0%	-0.3%
3333	Commercial & Service Machinery	50	1.02	0.9%	7.9%	0.4%	-7.0%
Advanced industries manufacturing		4,710	1.56	83.3%	8.0%	80.1%	7.9%
Advanced industries energy		140	0.40	2.5%	-3.9%	6.7%	-2.2%
Advanced industries services		810	0.24	14.2%	-1.8%	13.2%	-0.6%
ADVANCED INDUSTRIES TOTAL		5,660	0.83	100.0%	6.1%	100.0%	5.8%

† 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.