

Florence, AL

Advanced industries employ

3,770

full-time workers. (2013)

These direct jobs supports an additional

3,020

indirect jobs in other industries in
the region.

Advanced industries produce

\$0.7

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

Advanced industries pay, on average

\$44,070

dollars per year (2013).

Advanced industries directly
account for

6.5%

of all jobs in the region.

This employment share is

#125

among all small metros.

This accounts for

14.2%

of all output in the region (2013).

This compares to average pay of

\$34,010

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

12.2%

2.7%

Florence, AL

U.S.

OUTPUT

16.1%

3.8%

Florence, 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

VIEW THE FULL REPORT

www.brookings.edu/advancedindustries

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Florence, AL

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	1,160	5.54	30.8%	42.0%	24.1%	55.1%
3313	Aluminum Products	690	28.58	18.3%	9.7%	18.5%	26.8%
3399	Misc. Manufacturing	270	2.38	7.1%	7.4%	3.0%	4.8%
5413	Architecture & Engineering	180	0.32	4.7%	-10.5%	3.1%	-10.7%
3315	Foundries	140	2.75	3.8%	8.6%	3.1%	15.1%
3253	Pesticides & Fertilizers	130	8.69	3.6%	3.7%	6.9%	-2.2%
5415	Computer Systems Design	120	0.17	3.1%	-1.6%	2.8%	1.3%
3344	Semiconductors	110	0.70	2.9%	37.0%	1.7%	40.8%
3359	Misc. Electrical Equipment	100	1.91	2.6%	9.2%	1.8%	7.1%
3311	Iron & Steel Products	90	2.32	2.3%	8.0%	4.1%	23.7%
3251	Basic Chemicals	80	1.27	2.0%	-2.5%	3.9%	-6.4%
3279	Stone & Mineral Products	70	2.31	1.8%	10.4%	1.0%	4.7%
5416	Management Consulting	70	0.14	1.8%	6.3%	1.3%	5.4%
6215	Medical and Diagnostic Laboratories	70	0.65	1.8%	-6.6%	0.8%	-5.1%
3241	Petroleum & Coal Products	60	1.19	1.5%	13.1%	6.3%	42.3%
3271	Clay Product and Refractory Manufacturing	50	3.12	1.3%	10.6%	0.7%	12.0%
3252	Resins & Synthetic Rubbers	50	1.29	1.3%	6.1%	2.7%	4.0%
3345	Precision Instruments	50	0.29	1.2%	17.5%	0.9%	28.0%
3332	Industrial Machinery	40	0.98	1.1%	6.1%	0.9%	12.3%
3352	Household Appliances	40	1.46	0.9%	10.4%	0.3%	-2.6%
3391	Medical Equipment & Supplies	30	0.26	0.9%	-15.7%	0.4%	-16.1%
5182	Data Processing & Hosting	30	0.23	0.7%	-5.9%	0.5%	-3.3%
2211	Power Generation & Supply	20	0.15	0.6%	0.0%	1.5%	1.2%
5417	R&D Services	20	0.07	0.5%	-13.7%	0.4%	-11.5%
3331	Agri., Constr., Mining Machinery	20	0.17	0.5%	9.4%	0.5%	18.1%
Advanced industries manufacturing		3,230	1.44	85.8%	16.8%	86.5%	21.3%
Advanced industries energy		40	0.15	1.1%	0.0%	3.7%	-2.1%
Advanced industries services		500	0.19	13.2%	-6.4%	9.8%	-5.1%
ADVANCED INDUSTRIES TOTAL		3,770	0.75	100.0%	12.2%	100.0%	16.1%

† 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.