

Pensacola, FL

Advanced industries employ

9,310

full-time workers. (2013)

These direct jobs supports an additional

7,450

indirect jobs in other industries in the region.

Advanced industries produce

\$1.9

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

Advanced industries pay, on average

\$73,880

dollars per year (2013).

Advanced industries directly account for

5.3%

of all jobs in the region.

This employment share is

#172

among all small metros.

This accounts for

12.4%

of all output in the region (2013).

This compares to average pay of

\$41,980

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.0%

2.7%

OUTPUT

1.2%

3.8%

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U.S.

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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
5413	Architecture & Engineering	1,540	0.91	16.5%	-3.1%	9.0%	-2.7%
5415	Computer Systems Design	1,470	0.69	15.7%	5.5%	11.7%	4.8%
5416	Management Consulting	1,140	0.77	12.3%	-0.1%	7.1%	-4.0%
3252	Resins & Synthetic Rubbers	1,050	9.08	11.3%	3.3%	14.6%	10.6%
2211	Power Generation & Supply	830	1.68	8.9%	-3.1%	34.3%	-2.8%
3336	Engine & Power Equipment	440	3.44	4.7%	11.0%	2.0%	15.5%
3364	Aircraft Products & Parts	410	0.65	4.4%	9.9%	3.4%	14.7%
3391	Medical Equipment & Supplies	380	1.00	4.1%	3.2%	2.5%	0.0%
6215	Medical and Diagnostic Laboratories	330	1.06	3.5%	12.0%	1.5%	14.1%
3279	Stone & Mineral Products	290	3.33	3.1%	0.8%	1.3%	-9.8%
3366	Ships & Boats	200	1.27	2.2%	13.2%	0.9%	15.4%
5417	R&D Services	150	0.19	1.7%	0.2%	1.3%	3.0%
5172	Wireless Telecom Carriers	120	0.61	1.3%	-9.8%	1.5%	-8.2%
3251	Basic Chemicals	110	0.60	1.1%	-1.8%	1.6%	4.9%
3399	Misc. Manufacturing	90	0.26	1.0%	8.2%	0.5%	8.5%
3359	Misc. Electrical Equipment	80	0.51	0.9%	41.9%	0.4%	38.1%
2111	Oil & Gas Extraction	70	0.30	0.8%	10.4%	0.5%	6.3%
3345	Precision Instruments	70	0.14	0.8%	8.2%	0.5%	5.6%
3253	Pesticides & Fertilizers	70	1.43	0.7%	13.4%	0.9%	18.9%
5182	Data Processing & Hosting	50	0.16	0.6%	-3.5%	0.5%	-2.9%
3363	Motor Vehicle Parts	50	0.08	0.5%	0.0%	0.3%	13.8%
3341	Computer Equipment	40	0.21	0.4%	0.8%	0.5%	0.5%
3361	Motor Vehicles	40	0.15	0.4%	14.5%	0.3%	22.4%
3362	Motor Vehicle Body & Trailers	40	0.21	0.4%	39.1%	0.2%	49.3%
3254	Pharmaceuticals	30	0.10	0.4%	-9.6%	0.7%	-7.0%
Advanced industries manufacturing		3,530	0.52	37.9%	5.9%	31.3%	8.5%
Advanced industries energy		900	1.13	9.7%	-2.2%	34.8%	-2.6%
Advanced industries services		4,880	0.63	52.4%	0.4%	33.9%	-0.5%
ADVANCED INDUSTRIES TOTAL		9,310	0.61	100.0%	2.0%	100.0%	1.2%

† 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.