

Sebastian, FL

Advanced industries employ

2,310

full-time workers. (2013)

These direct jobs supports an additional

1,850

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

\$66,940

dollars per year (2013).

Advanced industries directly account for

4.7%

of all jobs in the region.

This employment share is

#193

among all small metros.

This accounts for

8.0%

of all output in the region (2013).

This compares to average pay of

\$40,880

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

4.6%

2.7%

Sebastian, FL

U.S.

OUTPUT

7.8%

3.8%

Sebastian, FL

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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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
3364	Aircraft Products & Parts	750	4.39	32.4%	-0.4%	30.0%	4.2%
5416	Management Consulting	400	0.98	17.2%	13.4%	14.6%	7.2%
5413	Architecture & Engineering	370	0.81	16.2%	3.0%	12.8%	1.8%
5415	Computer Systems Design	130	0.21	5.4%	20.7%	5.8%	17.8%
5112	Software Products	100	1.02	4.5%	10.5%	11.5%	9.4%
3366	Ships & Boats	70	1.48	2.8%	10.6%	1.3%	11.6%
5417	R&D Services	60	0.29	2.8%	28.7%	3.1%	30.0%
3399	Misc. Manufacturing	60	0.60	2.5%	2.5%	1.9%	1.0%
6215	Medical and Diagnostic Laboratories	60	0.67	2.5%	2.5%	1.4%	3.7%
3339	General Purpose Machinery	20	0.27	1.0%	-3.9%	0.6%	2.1%
3362	Motor Vehicle Body & Trailers	20	0.49	1.0%	8.5%	0.5%	18.9%
3253	Pesticides & Fertilizers	20	1.71	1.0%	34.7%	1.6%	47.8%
3279	Stone & Mineral Products	20	0.92	1.0%	11.2%	0.5%	0.1%
3333	Commercial & Service Machinery	20	0.67	0.9%	-11.6%	0.5%	-9.2%
5182	Data Processing & Hosting	20	0.21	0.8%	1.8%	1.0%	3.3%
3361	Motor Vehicles	20	0.28	0.8%	1.9%	0.7%	10.5%
3313	Aluminum Products	10	0.69	0.6%	-23.3%	0.4%	-7.4%
3342	Communications Equipment	10	0.41	0.6%	26.0%	0.5%	27.1%
3363	Motor Vehicle Parts	10	0.08	0.6%	-9.7%	0.4%	3.8%
2211	Power Generation & Supply	10	0.10	0.6%	135.1%	4.1%	118.0%
3259	Misc. Chemicals	10	0.45	0.6%	48.1%	0.8%	62.6%
3341	Computer Equipment	10	0.24	0.6%	-18.5%	0.8%	-18.1%
5191	Web Search Portals and Internet Publishing	10	0.16	0.5%	16.3%	0.5%	12.8%
3254	Pharmaceuticals	10	0.07	0.3%	0.0%	0.9%	8.6%
3369	Misc. Transportation Equipment	10	0.64	0.3%	-8.0%	0.1%	-6.4%
Advanced industries manufacturing		1,130	0.60	48.8%	-0.2%	43.4%	4.3%
Advanced industries energy		20	0.08	0.7%	78.3%	4.6%	110.2%
Advanced industries services		1,170	0.55	50.5%	9.8%	52.0%	8.2%
ADVANCED INDUSTRIES TOTAL		2,310	0.55	100.0%	4.6%	100.0%	7.8%

† 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.