

Panama City, FL

Advanced industries employ

5,919

full-time workers. (2015)

These direct jobs supports an additional

4,740

indirect jobs in other industries in the region.

Advanced industries produce

\$0.9

billion dollars in output in the region.
(2015, 2009 Chained)

Advanced industries pay, on average

\$61,830

dollars per year (2015).

Advanced industries directly account for

6.8%

of all jobs in the region.

This employment share is

#113

among all small metros.

This accounts for

10.8%

of all output in the region (2015).

This compares to average pay of

\$41,266

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK:
#251

2.70%

JOBS

RANK:
#201

2.46%

-2.19%

Panama City, FL

U.S.

-0.31%

Panama City, 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

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.

Panama City, FL

Twenty-Five Largest Advanced Industries (2015)

There are 4 advanced industries in Panama City, FL with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010-2013	2013-2015		2010-2013	2013-2015
3366	Ships & Boats	1,250	15.68	21.1%	10.1%	-2.0%	15.2%	9.1%	-0.2%
5413	Engineering	1,220	1.46	20.5%	-6.9%	-15.5%	15.4%	-7.1%	-14.3%
5415	Computer Systems Design	600	0.53	10.2%	-3.3%	52.6%	3.3%	-1.8%	-5.1%
5416	Management Consulting	510	0.68	8.6%	1.5%	3.9%	4.9%	-3.1%	-11.8%
2211	Power Generation & Supply	350	1.49	5.9%	0.9%	-2.9%	24.6%	-5.6%	-1.1%
5417	R&D Services	350	0.88	5.8%	3.7%	8.5%	7.8%	5.8%	24.5%
5172	Wireless Telecom Carriers	230	2.87	3.9%	-20.6%	-5.1%	6.9%	-17.7%	-7.0%
3339	General Purpose Machinery	200	1.27	3.4%	5.0%	9.4%	1.9%	11.4%	7.6%
3313	Aluminum Products	180	5.16	3.1%	5.7%	8.0%	2.1%	25.6%	9.5%
3399	Misc. Manufacturing	130	0.76	2.1%	-11.0%	71.9%	1.5%	-15.9%	78.8%
6215	Medical and Diagnostic Laboratories	90	0.61	1.6%	3.7%	9.8%	0.8%	3.1%	10.1%
3331	Agri., Constr., Mining Machinery	80	0.60	1.4%	4.3%	12.0%	0.8%	10.1%	6.0%
3259	Misc. Chemicals	60	1.24	1.0%	21.3%	9.5%	1.0%	29.6%	-0.3%
3241	Petroleum & Coal Products	60	0.91	1.0%	26.9%	9.7%	1.0%	-2.6%	21.6%
3253	Pesticides & Fertilizers	50	2.18	0.8%	4.5%	-1.0%	1.5%	18.5%	0.1%
3315	Foundries	50	0.64	0.8%	15.8%	2.2%	0.4%	26.0%	-4.4%
3359	Misc. Electrical Equipment	40	0.53	0.7%	-15.5%	0.0%	0.4%	-18.0%	1.2%
3311	Iron & Steel Products	40	0.68	0.6%	7.7%	1.4%	0.5%	23.7%	-6.2%
3362	Motor Vehicle Body & Trailers	30	0.37	0.6%	5.0%	-5.6%	0.3%	-0.6%	-0.8%
5112	Software Products	30	0.17	0.6%	7.5%	-4.3%	1.8%	5.4%	6.8%
3363	Motor Vehicle Parts	30	0.10	0.5%	-13.8%	-18.4%	0.4%	-13.9%	-13.0%
5191	Web Search Portals and Internet Publishing	30	0.22	0.5%	18.6%	3.3%	0.6%	9.5%	13.7%
3333	Commercial & Service Machinery	30	0.57	0.5%	-9.7%	9.5%	0.3%	-8.5%	5.0%
3279	Stone & Mineral Products	30	0.64	0.5%	78.8%	-16.3%	0.3%	77.0%	-17.8%
3251	Basic Chemicals	20	0.26	0.4%	-9.1%	13.0%	0.9%	5.9%	11.7%
IFG	Advanced industries manufacturing	2,460	0.75	41.6%	5.7%	0.9%	32.4%	6.5%	1.4%
	Advanced industries energy	350	0.94	5.9%	1.0%	-2.9%	24.6%	-5.5%	-1.1%
	Advanced industries services	3,110	0.79	52.5%	-5.7%	-1.0%	43.0%	-6.7%	-5.3%
	ADVANCED INDUSTRIES TOTAL	5,920	0.78	100.0%	-1.2%	-0.3%	100.0%	-3.1%	-2.2%

† 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.