

Anchorage, AK

Advanced industries employ

12,093

full-time workers. (2015)

These direct jobs supports an additional

9,670

indirect jobs in other industries in the region.

Advanced industries produce

\$5.6

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

Advanced industries pay, on average

\$121,694

dollars per year (2015).

Advanced industries directly account for

6.2%

of all jobs in the region.

This employment share is

#135

among all small metros.

This accounts for

23.0%

of all output in the region (2015).

This compares to average pay of

\$58,301

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK: #223
2.70%

JOBS

RANK: #258
2.46%



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.

Anchorage, AK

Twenty-Five Largest Advanced Industries (2015)

There are 4 advanced industries in Anchorage, AK 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
5413	Engineering	4,560	2.43	37.7%	2.4%	-2.4%	12.1%	0.5%	0.1%
2111	Oil & Gas Extraction	1,800	6.97	14.9%	10.2%	-2.3%	68.4%	2.9%	-0.5%
5416	Management Consulting	1,780	1.04	14.7%	13.0%	-3.3%	5.0%	9.2%	-1.8%
5179	Other telecommunications	960	8.83	7.9%	1.5%	-3.0%	4.0%	1.8%	0.8%
5415	Computer Systems Design	960	0.38	7.9%	0.3%	-5.0%	2.3%	1.0%	2.0%
2211	Power Generation & Supply	500	0.95	4.2%	1.8%	-2.1%	2.9%	3.6%	-9.2%
5417	R&D Services	360	0.41	3.0%	11.7%	-11.8%	1.5%	12.5%	-12.7%
6215	Medical and Diagnostic Laboratories	250	0.73	2.1%	13.2%	4.4%	0.3%	3.1%	4.8%
5172	Wireless Telecom Carriers	200	1.11	1.6%	2.7%	0.0%	0.9%	5.9%	7.2%
3399	Misc. Manufacturing	80	0.22	0.7%	-14.3%	12.1%	0.1%	-16.1%	14.7%
2122	Metal Ore Mining	80	1.51	0.7%	16.2%	9.0%	0.8%	-1.3%	19.6%
3345	Precision Instruments	80	0.15	0.6%	1.6%	-5.3%	0.2%	-0.9%	-5.7%
3391	Medical Equipment & Supplies	70	0.17	0.6%	3.3%	4.5%	0.1%	11.6%	1.4%
5182	Data Processing & Hosting	60	0.16	0.5%	-5.8%	17.0%	0.4%	23.6%	39.6%
5191	Web Search Portals and Internet Publishing	50	0.15	0.4%	0.4%	-19.4%	0.2%	17.7%	-5.6%
3365	Railroad Rolling Stock Manufacturing	50	1.26	0.4%	0.0%	10.9%	0.0%	-6.1%	-4.5%
3364	Aircraft Products & Parts	30	0.04	0.2%	-1.5%	13.4%	0.0%	-8.7%	6.2%
3241	Petroleum & Coal Products	30	0.18	0.2%	3.6%	14.0%	0.3%	-0.2%	22.9%
3346	Magnetic & Optical Media	30	1.16	0.2%	6.5%	-5.3%	0.1%	-1.7%	-6.9%
5112	Software Products	20	0.05	0.2%	-2.9%	-2.3%	0.1%	-11.7%	-8.5%
3333	Commercial & Service Machinery	20	0.13	0.1%	0.0%	-8.7%	0.0%	-17.2%	-2.0%
3362	Motor Vehicle Body & Trailers	20	0.07	0.1%	2.9%	11.8%	0.0%	-11.8%	-3.6%
3259	Misc. Chemicals	10	0.12	0.1%	-5.0%	4.1%	0.0%	32.5%	-18.8%
3353	Electrical Equipment	10	0.06	0.1%	3.2%	4.4%	0.0%	-33.5%	-27.3%
3363	Motor Vehicle Parts	10	0.01	0.1%	0.0%	11.8%	0.0%	-8.1%	-3.9%
IFG	Advanced industries manufacturing	500	0.07	4.1%	-0.8%	4.4%	1.0%	1.5%	-0.4%
	Advanced industries energy	2,380	2.83	19.7%	8.4%	-2.0%	72.2%	2.9%	-0.7%
	Advanced industries services	9,210	1.04	76.2%	4.4%	-3.2%	26.8%	3.3%	-0.3%
	ADVANCED INDUSTRIES TOTAL	12,090	0.70	100.0%	4.9%	-2.6%	100.0%	3.0%	-0.6%

† 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.