

Bellingham, WA

Advanced industries employ

7,020

full-time workers. (2013)

These direct jobs supports an additional

5,620

indirect jobs in other industries in the region.

Advanced industries produce

\$2.1

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

Advanced industries pay, on average

\$78,620

dollars per year (2013).

Advanced industries directly account for

7.9%

of all jobs in the region.

This employment share is

#77

among all small metros.

This accounts for

22.0%

of all output in the region (2013).

This compares to average pay of

\$41,560

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

6.2%

2.7%

OUTPUT

3.8%

-3.3%

Bellingham, WA

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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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
5413	Architecture & Engineering	1,100	1.30	15.6%	-5.0%	7.9%	-5.0%
3241	Petroleum & Coal Products	920	13.07	13.1%	3.3%	30.2%	-17.3%
3364	Aircraft Products & Parts	650	2.09	9.2%	11.5%	11.5%	13.8%
5112	Software Products	530	2.85	7.6%	13.7%	19.0%	9.8%
5415	Computer Systems Design	400	0.37	5.7%	11.4%	3.5%	12.1%
3391	Medical Equipment & Supplies	370	1.95	5.3%	-2.9%	2.0%	-0.5%
6215	Medical and Diagnostic Laboratories	340	2.22	4.9%	65.1%	1.4%	64.3%
3353	Electrical Equipment	280	3.17	4.0%	33.6%	1.8%	34.3%
5416	Management Consulting	250	0.33	3.5%	10.2%	1.8%	8.3%
5172	Wireless Telecom Carriers	230	2.37	3.2%	-0.1%	3.1%	4.4%
3363	Motor Vehicle Parts	210	0.67	3.0%	11.4%	1.5%	16.5%
3399	Misc. Manufacturing	200	1.15	2.8%	7.4%	0.8%	12.0%
3333	Commercial & Service Machinery	150	2.69	2.1%	10.1%	1.0%	7.1%
3331	Agri., Constr., Mining Machinery	110	0.71	1.6%	8.0%	0.8%	3.2%
3332	Industrial Machinery	100	1.55	1.5%	7.9%	0.9%	6.0%
3359	Misc. Electrical Equipment	100	1.28	1.4%	66.2%	0.2%	54.9%
3313	Aluminum Products	90	2.56	1.3%	10.3%	0.8%	26.4%
3362	Motor Vehicle Body & Trailers	90	1.11	1.3%	26.9%	0.7%	24.5%
5182	Data Processing & Hosting	90	0.54	1.3%	16.9%	0.6%	14.1%
2211	Power Generation & Supply	90	0.36	1.3%	-9.5%	3.7%	-5.5%
3366	Ships & Boats	90	1.09	1.2%	-7.2%	1.1%	-5.0%
3315	Foundries	80	1.03	1.2%	9.9%	0.4%	33.5%
3344	Semiconductors	80	0.32	1.1%	24.9%	0.6%	29.7%
5191	Web Search Portals and Internet Publishing	60	0.52	0.9%	18.0%	0.7%	22.2%
3254	Pharmaceuticals	60	0.36	0.9%	4.0%	0.7%	3.4%
Advanced industries manufacturing		3,890	1.14	55.4%	7.8%	57.7%	-7.8%
Advanced industries energy		90	0.22	1.3%	-9.5%	3.7%	-5.5%
Advanced industries services		3,040	0.79	43.3%	5.0%	38.5%	5.7%
ADVANCED INDUSTRIES TOTAL		7,020	0.91	100.0%	6.2%	100.0%	-3.3%

† 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.