

## Spokane, WA

Advanced industries employ

**13,880**

full-time workers. (2013)

These direct jobs supports an additional

**11,100**

indirect jobs in other industries in  
the region.

Advanced industries produce

**\$2.7**

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

Advanced industries pay, on average

**\$63,420**

dollars per year (2013).

Advanced industries directly  
account for

**5.9%**

of all jobs in the region.

This employment share is

**#80**

among all large metros.

This accounts for

**11.2%**

of all output in the region (2013).

This compares to average pay of

**\$41,700**

for all industries (2013).

Advanced industry annual average growth, 2010-2013

**JOBS**

2.6%

2.7%

**OUTPUT**

4.3%

3.8%

Spokane, WA

U.S.

Spokane, WA

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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#### DATA NOTES

All figures reflect Brookings analysis of data from Moody's Analytics.

# Spokane, WA

## Twenty-Five Largest Advanced Industries (2013)

There are 4 advanced industries in Spokane, WA with LQs over 1.5. LQs over 1.5 indicate specialization †

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
6215	Medical and Diagnostic Laboratories	1,730	4.22	12.5%	-1.6%	5.6%	-2.6%
5415	Computer Systems Design	1,730	0.61	12.4%	7.7%	11.9%	7.9%
5413	Architecture & Engineering	1,720	0.77	12.4%	-1.4%	9.6%	-2.0%
3315	Foundries	1,050	5.04	7.6%	5.9%	3.8%	20.8%
3364	Aircraft Products & Parts	870	1.06	6.3%	6.8%	11.6%	8.2%
5416	Management Consulting	800	0.41	5.8%	22.3%	4.4%	19.6%
3313	Aluminum Products	670	6.87	4.8%	1.4%	4.4%	9.4%
3345	Precision Instruments	520	0.80	3.7%	-5.9%	3.4%	-4.5%
3254	Pharmaceuticals	330	0.72	2.4%	0.5%	3.2%	0.2%
3339	General Purpose Machinery	320	0.75	2.3%	2.9%	1.7%	0.7%
3344	Semiconductors	310	0.49	2.2%	1.6%	2.0%	4.6%
5112	Software Products	290	0.59	2.1%	23.9%	10.2%	17.7%
5182	Data Processing & Hosting	260	0.58	1.9%	4.8%	1.2%	1.6%
3399	Misc. Manufacturing	250	0.54	1.8%	-8.9%	0.8%	-6.1%
3342	Communications Equipment	240	1.46	1.8%	1.3%	1.7%	5.1%
3363	Motor Vehicle Parts	230	0.27	1.6%	0.9%	1.2%	4.2%
3332	Industrial Machinery	220	1.27	1.6%	-1.2%	1.5%	-5.4%
5172	Wireless Telecom Carriers	220	0.88	1.6%	-1.7%	2.2%	1.1%
3341	Computer Equipment	220	0.84	1.6%	-2.6%	2.6%	-2.4%
3391	Medical Equipment & Supplies	190	0.38	1.4%	-6.0%	0.9%	-5.1%
3271	Clay Product and Refractory Manufacturing	180	2.83	1.3%	3.9%	0.7%	4.9%
3362	Motor Vehicle Body & Trailers	180	0.79	1.3%	4.7%	0.9%	1.8%
2211	Power Generation & Supply	180	0.27	1.3%	1.2%	5.4%	-0.9%
5191	Web Search Portals and Internet Publishing	140	0.43	1.0%	36.9%	1.2%	40.9%
3331	Agri., Constr., Mining Machinery	130	0.32	1.0%	4.1%	0.7%	-3.3%
Advanced industries manufacturing		6,700	0.74	48.3%	1.4%	46.8%	3.1%
Advanced industries energy		200	0.19	1.4%	0.2%	5.8%	-0.2%
Advanced industries services		6,980	0.68	50.3%	3.9%	47.3%	6.1%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>13,880</b>	<b>0.68</b>	<b>100.0%</b>	<b>2.6%</b>	<b>100.0%</b>	<b>4.3%</b>

† 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.