

Salem, OR

Advanced industries employ

4,820

full-time workers. (2013)

These direct jobs supports an additional

3,860

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.8

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

Advanced industries pay, on average

\$55,180

dollars per year (2013).

Advanced industries directly
account for

3.0%

of all jobs in the region.

This employment share is

#256

among all small metros.

This accounts for

13.0%

of all output in the region (2013).

This compares to average pay of

\$38,770

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

2.7%

0.3%

Salem, OR

U.S.

OUTPUT

3.8%

1.5%

Salem, OR

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.

Salem, OR

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	560	0.36	11.5%	0.2%	3.7%	1.7%
5416	Management Consulting	430	0.32	8.9%	4.1%	3.2%	3.6%
5415	Computer Systems Design	400	0.21	8.3%	-2.5%	3.6%	-1.1%
6215	Medical and Diagnostic Laboratories	330	1.18	6.8%	0.7%	1.6%	5.6%
3331	Agri., Constr., Mining Machinery	320	1.13	6.6%	15.3%	2.3%	19.1%
5417	R&D Services	290	0.41	6.1%	5.2%	2.5%	7.5%
3332	Industrial Machinery	260	2.14	5.4%	-0.5%	1.8%	3.4%
3342	Communications Equipment	240	2.11	5.0%	-2.0%	14.7%	3.8%
3341	Computer Equipment	240	1.32	4.9%	-3.4%	25.7%	-0.3%
2211	Power Generation & Supply	210	0.47	4.4%	-1.2%	9.3%	10.5%
3344	Semiconductors	180	0.42	3.7%	1.7%	12.3%	9.4%
5112	Software Products	180	0.53	3.7%	10.2%	3.5%	6.6%
3399	Misc. Manufacturing	130	0.41	2.7%	-0.5%	0.7%	2.8%
3362	Motor Vehicle Body & Trailers	110	0.70	2.2%	-10.6%	0.6%	0.8%
3345	Precision Instruments	100	0.22	2.0%	-22.1%	7.2%	-16.9%
3333	Commercial & Service Machinery	80	0.81	1.7%	14.0%	0.5%	16.5%
3339	General Purpose Machinery	80	0.27	1.6%	5.6%	0.5%	9.4%
3391	Medical Equipment & Supplies	80	0.23	1.6%	-1.3%	0.6%	0.8%
5182	Data Processing & Hosting	60	0.20	1.3%	-4.0%	0.7%	-4.8%
3253	Pesticides & Fertilizers	50	1.25	1.1%	-1.8%	0.7%	-2.4%
5172	Wireless Telecom Carriers	50	0.30	1.1%	-5.1%	0.3%	-0.3%
3359	Misc. Electrical Equipment	50	0.36	1.1%	41.5%	0.4%	42.5%
3363	Motor Vehicle Parts	50	0.08	1.0%	18.8%	0.3%	36.5%
3252	Resins & Synthetic Rubbers	50	0.43	0.9%	0.0%	0.5%	4.4%
3254	Pharmaceuticals	40	0.12	0.8%	0.0%	0.4%	-1.2%
Advanced industries manufacturing		2,260	0.36	46.8%	-0.5%	71.1%	0.2%
Advanced industries energy		210	0.29	4.4%	-1.2%	9.3%	10.5%
Advanced industries services		2,350	0.33	48.8%	1.3%	19.5%	2.7%
ADVANCED INDUSTRIES TOTAL		4,820	0.35	100.0%	0.3%	100.0%	1.5%

† 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.