

Medford, OR

Advanced industries employ

3,810

full-time workers. (2013)

These direct jobs supports an additional

3,050

indirect jobs in other industries in the region.

Advanced industries produce

\$1.1

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

Advanced industries pay, on average

\$52,690

dollars per year (2013).

Advanced industries directly account for

4.6%

of all jobs in the region.

This employment share is

#197

among all small metros.

This accounts for

14.3%

of all output in the region (2013).

This compares to average pay of

\$36,740

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOBS

OUTPUT

4.0%

2.7%

7.7%

3.8%

Medford, OR

U.S.

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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.

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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
3366	Ships & Boats	300	4.02	7.9%	14.3%	2.4%	8.3%
5416	Management Consulting	270	0.40	7.2%	10.0%	3.4%	7.9%
5415	Computer Systems Design	240	0.25	6.4%	23.5%	3.7%	23.7%
3254	Pharmaceuticals	240	1.47	6.2%	-2.6%	4.3%	-2.7%
5413	Architecture & Engineering	230	0.30	6.1%	-1.0%	2.6%	-0.7%
3365	Railroad Rolling Stock Manufacturing	200	14.48	5.3%	4.9%	2.0%	6.5%
5112	Software Products	200	1.16	5.3%	1.9%	5.8%	1.6%
3399	Misc. Manufacturing	200	1.24	5.2%	3.8%	1.7%	7.8%
2211	Power Generation & Supply	190	0.83	5.0%	-0.7%	13.3%	11.2%
3391	Medical Equipment & Supplies	160	0.88	4.1%	-1.3%	1.8%	1.4%
3344	Semiconductors	150	0.67	3.8%	9.3%	18.6%	15.9%
3339	General Purpose Machinery	130	0.86	3.3%	11.8%	1.4%	14.7%
5191	Web Search Portals and Internet Publishing	120	1.06	3.2%	-7.1%	1.6%	-13.6%
6215	Medical and Diagnostic Laboratories	120	0.85	3.2%	6.9%	1.0%	12.7%
3342	Communications Equipment	120	2.02	3.1%	-2.2%	13.4%	2.8%
3369	Misc. Transportation Equipment	110	6.00	2.9%	-11.7%	0.8%	-2.1%
3315	Foundries	110	1.47	2.8%	3.7%	1.0%	18.1%
3362	Motor Vehicle Body & Trailers	110	1.36	2.8%	0.0%	1.3%	18.6%
5172	Wireless Telecom Carriers	90	1.05	2.5%	17.5%	0.8%	24.5%
5417	R&D Services	70	0.18	1.7%	13.0%	0.9%	13.8%
3251	Basic Chemicals	40	0.48	1.1%	1.7%	0.9%	4.6%
3332	Industrial Machinery	40	0.60	1.0%	35.1%	0.5%	38.4%
3341	Computer Equipment	30	0.37	0.9%	4.3%	6.7%	5.5%
3345	Precision Instruments	30	0.15	0.9%	5.4%	4.7%	11.1%
3361	Motor Vehicles	30	0.30	0.8%	4.6%	0.6%	15.7%
Advanced industries manufacturing		2,230	0.70	58.6%	3.1%	66.1%	7.9%
Advanced industries energy		190	0.52	5.0%	-0.7%	13.3%	11.2%
Advanced industries services		1,390	0.39	36.4%	6.3%	20.6%	5.0%
ADVANCED INDUSTRIES TOTAL		3,810	0.53	100.0%	4.0%	100.0%	7.7%

† 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.