

## Grants Pass, OR

Advanced industries employ

1,000

full-time workers. (2013)

These direct jobs supports an additional

800

indirect jobs in other industries in  
the region.

Advanced industries produce

\$0.4

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

Advanced industries pay, on average

\$49,470

dollars per year (2013).

Advanced industries directly

account for

4.0%

of all jobs in the region.

This employment share is

#218

among all small metros.

This accounts for

17.2%

of all output in the region (2013).

This compares to average pay of

\$32,910

for all industries (2013).

Advanced industry annual average growth, 2010-2013

JOB

1.0%

2.7%

OUTPUT

5.4%

3.8%

Grants Pass, OR

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

#### VIEW THE FULL REPORT

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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
3399	Misc. Manufacturing	180	3.84	18.4%	12.1%	4.9%	15.7%
3345	Precision Instruments	140	2.05	14.1%	0.5%	50.5%	6.0%
2211	Power Generation & Supply	60	0.85	5.8%	2.4%	11.3%	14.5%
3366	Ships & Boats	50	2.30	5.1%	7.5%	0.8%	3.4%
5413	Architecture & Engineering	50	0.21	5.0%	-17.8%	1.7%	-16.7%
5416	Management Consulting	40	0.20	4.2%	-4.4%	1.6%	-4.6%
3259	Misc. Chemicals	40	2.63	3.8%	0.0%	1.5%	-3.1%
3363	Motor Vehicle Parts	40	0.41	3.6%	-6.5%	0.9%	12.3%
5191	Web Search Portals and Internet Publishing	40	1.06	3.6%	12.9%	1.3%	5.1%
5112	Software Products	30	0.64	3.3%	2.1%	3.3%	1.2%
6215	Medical and Diagnostic Laboratories	30	0.73	3.1%	2.2%	0.7%	7.2%
3315	Foundries	30	1.29	2.8%	0.0%	0.7%	14.4%
3251	Basic Chemicals	20	0.96	2.4%	0.0%	1.4%	2.2%
3254	Pharmaceuticals	20	0.50	2.4%	0.0%	1.2%	-0.4%
3364	Aircraft Products & Parts	20	0.27	2.3%	-7.4%	1.2%	-4.6%
5179	Other telecommunications	20	1.30	1.9%	#REF!	0.7%	465.8%
5415	Computer Systems Design	20	0.06	1.7%	-3.6%	0.8%	-1.7%
3342	Communications Equipment	20	0.92	1.6%	0.0%	4.7%	3.4%
3391	Medical Equipment & Supplies	20	0.28	1.5%	0.0%	0.6%	2.6%
3279	Stone & Mineral Products	10	1.16	1.4%	2.5%	0.4%	20.5%
3361	Motor Vehicles	10	0.40	1.3%	-6.7%	0.5%	3.3%
5417	R&D Services	10	0.11	1.2%	-2.6%	0.5%	0.7%
3253	Pesticides & Fertilizers	10	1.69	1.1%	0.0%	0.6%	3.4%
3353	Electrical Equipment	10	0.44	1.1%	-2.9%	0.5%	-2.2%
3365	Railroad Rolling Stock Manufacturing	10	2.15	0.9%	-9.1%	0.2%	-4.9%
Advanced industries manufacturing		690	0.72	68.9%	2.1%	77.4%	5.4%
Advanced industries energy		60	0.53	5.8%	2.4%	11.3%	14.5%
Advanced industries services		250	0.23	25.2%	-2.2%	11.3%	-1.1%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>1,000</b>	<b>0.47</b>	<b>100.0%</b>	<b>1.0%</b>	<b>100.0%</b>	<b>5.4%</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.