

## Wheeling, WV-OH

Advanced industries employ

**3,210**

full-time workers. (2013)

These direct jobs supports an additional

**2,570**

indirect jobs in other industries in the region.

Advanced industries produce

**\$0.7**

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

Advanced industries pay, on average

**\$77,910**

dollars per year (2013).

Advanced industries directly

account for

**4.6%**

of all jobs in the region.

This employment share is

**#198**

among all small metros.

This accounts for

**10.8%**

of all output in the region (2013).

This compares to average pay of

**\$37,760**

for all industries (2013).

Advanced industry annual average growth, 2010-2013

**JOBS**

2.7%

**OUTPUT**

3.8%

-0.4%

Wheeling, WV-OH

U.S.

-4.7%

Wheeling, WV-OH

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](http://www.brookings.edu/advancedindustries)

#### SEE THE INTERACTIVE

[www.brookings.edu/advancedindustries](http://www.brookings.edu/advancedindustries)

#### FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

#### DATA NOTES

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

# Wheeling, WV-OH

## 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
2211	Power Generation & Supply	900	4.65	28.1%	1.7%	30.2%	-8.7%
3251	Basic Chemicals	580	8.24	18.1%	-7.8%	25.9%	-9.5%
5413	Architecture & Engineering	330	0.49	10.2%	14.0%	5.1%	12.6%
5416	Management Consulting	180	0.31	5.7%	35.2%	3.2%	29.1%
3259	Misc. Chemicals	140	3.42	4.4%	-4.6%	3.0%	-12.3%
5415	Computer Systems Design	120	0.14	3.7%	-8.6%	3.0%	-4.0%
2111	Oil & Gas Extraction	100	1.05	3.2%	55.7%	5.3%	82.4%
3399	Misc. Manufacturing	90	0.66	2.8%	-2.8%	2.1%	-8.7%
5417	R&D Services	80	0.27	2.6%	7.4%	1.7%	10.7%
3254	Pharmaceuticals	80	0.59	2.5%	-6.9%	4.2%	-5.8%
3252	Resins & Synthetic Rubbers	80	1.65	2.3%	-7.9%	4.9%	-0.7%
3253	Pesticides & Fertilizers	50	2.93	1.7%	-7.4%	2.0%	-7.7%
6215	Medical and Diagnostic Laboratories	50	0.44	1.7%	0.0%	0.6%	0.5%
3364	Aircraft Products & Parts	40	0.17	1.3%	-7.6%	1.1%	-10.8%
5191	Web Search Portals and Internet Publishing	40	0.40	1.2%	-3.9%	0.6%	-5.9%
3311	Iron & Steel Products	30	0.76	1.1%	-19.4%	0.7%	-3.6%
3241	Petroleum & Coal Products	30	0.60	1.0%	5.6%	0.9%	-7.7%
3391	Medical Equipment & Supplies	30	0.19	0.9%	-1.2%	0.7%	-0.5%
3279	Stone & Mineral Products	30	0.73	0.8%	9.6%	0.4%	12.1%
5182	Data Processing & Hosting	30	0.19	0.8%	-2.5%	0.4%	4.3%
3363	Motor Vehicle Parts	20	0.10	0.7%	-10.1%	0.3%	2.8%
3313	Aluminum Products	20	0.80	0.7%	-20.0%	0.4%	-9.8%
3315	Foundries	20	0.29	0.6%	-21.4%	0.2%	-14.5%
3331	Agri., Constr., Mining Machinery	20	0.13	0.5%	-5.6%	0.2%	-0.4%
3352	Household Appliances	20	0.56	0.5%	-5.6%	0.3%	-8.0%
Advanced industries manufacturing		1,360	0.51	42.4%	-7.3%	49.2%	-7.9%
Advanced industries energy		1,000	3.21	31.3%	4.3%	35.5%	-4.3%
Advanced industries services		850	0.28	26.3%	8.7%	15.3%	7.9%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>3,210</b>	<b>0.53</b>	<b>100.0%</b>	<b>-0.4%</b>	<b>100.0%</b>	<b>-4.7%</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.