

## Lynchburg, VA

Advanced industries employ

**7,476**

full-time workers. (2015)

These direct jobs supports an additional

**5,980**

indirect jobs in other industries in the region.

Advanced industries produce

**\$1.3**

billion dollars in output in the region.  
(2015, 2009 Chained)

Advanced industries pay, on average

**\$62,689**

dollars per year (2015).

Advanced industries directly account for

**6.9%**

of all jobs in the region.

This employment share is

**#110**

among all small metros.

This accounts for

**12.3%**

of all output in the region (2015).

This compares to average pay of

**\$41,682**

for all industries (2015).

Advanced industry annual average growth, 2013-2015

### OUTPUT

RANK:  
#193

2.70%

### JOBS

RANK:  
#261

2.46%

0.27%

-2.75%

Lynchburg, VA

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

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

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#### DATA NOTES

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

# Lynchburg, VA

## Twenty-Five Largest Advanced Industries (2015)

There are 7 advanced industries in Lynchburg, VA with LQs over 1.5. LQs over 1.5 indicate specialization †

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2015)	Industry Location Quotient (LQ) † 2015	Industry Share of Total Advanced Industries Employment (2015)	Industry Employment Annual Growth		Industry Share of Total Advanced Industries Output (2015)	Industry Output Annual Growth	
					2010-2013	2013-2015		2010-2013	2013-2015
5413	Engineering	2,120	2.05	28.4%	-4.0%	-6.1%	27.1%	-6.1%	0.3%
3339	General Purpose Machinery	800	4.09	10.7%	1.8%	-0.3%	6.5%	-4.0%	-1.2%
3259	Misc. Chemicals	380	6.41	5.1%	2.9%	-4.9%	3.7%	2.1%	-5.3%
3353	Electrical Equipment	380	3.65	5.1%	8.5%	0.9%	2.6%	0.7%	-0.4%
5416	Management Consulting	380	0.40	5.1%	17.0%	-11.2%	6.2%	14.0%	3.8%
5415	Computer Systems Design	370	0.27	5.0%	11.3%	4.4%	5.5%	13.6%	12.2%
3344	Semiconductors	330	1.24	4.5%	-6.7%	10.2%	4.5%	-6.4%	14.2%
3399	Misc. Manufacturing	270	1.29	3.6%	5.6%	-3.0%	1.8%	5.2%	-2.3%
3254	Pharmaceuticals	260	1.25	3.4%	2.6%	-5.1%	10.2%	1.9%	-5.2%
3333	Commercial & Service Machinery	180	2.77	2.4%	2.8%	1.7%	2.0%	-24.9%	-12.7%
3332	Industrial Machinery	160	1.96	2.2%	5.8%	6.8%	2.3%	-0.5%	3.1%
5182	Data Processing & Hosting	160	0.71	2.1%	-5.6%	-8.2%	2.3%	-7.8%	-3.7%
3366	Ships & Boats	140	1.38	1.8%	-1.6%	-0.7%	0.5%	1.8%	2.9%
6215	Medical and Diagnostic Laboratories	120	0.65	1.6%	-10.5%	-17.1%	1.1%	-8.3%	-0.7%
3315	Foundries	120	1.28	1.6%	-4.9%	-4.4%	0.4%	-1.9%	-23.9%
2211	Power Generation & Supply	110	0.39	1.5%	1.6%	4.2%	4.7%	-5.5%	-5.5%
3251	Basic Chemicals	110	1.03	1.5%	2.8%	-4.9%	2.4%	2.5%	-2.4%
3311	Iron & Steel Products	100	1.49	1.3%	-5.4%	-3.9%	0.6%	-2.3%	-15.0%
3391	Medical Equipment & Supplies	90	0.40	1.2%	1.0%	61.2%	0.6%	-4.0%	48.7%
3342	Communications Equipment	90	1.33	1.2%	1.4%	6.4%	0.8%	-7.7%	7.8%
3345	Precision Instruments	80	0.27	1.1%	22.3%	3.3%	1.3%	25.9%	9.8%
3313	Aluminum Products	80	1.78	1.0%	-7.4%	-4.2%	0.4%	-4.2%	-11.4%
5172	Wireless Telecom Carriers	60	0.65	0.9%	-0.5%	-5.1%	2.3%	7.3%	24.2%
5417	R&D Services	60	0.12	0.8%	14.2%	-12.6%	1.0%	13.1%	-5.8%
3331	Agri., Constr., Mining Machinery	50	0.31	0.7%	4.2%	1.9%	0.5%	0.7%	-6.6%
IFG	Advanced industries manufacturing	3,990	0.98	53.4%	1.6%	0.4%	47.1%	-2.6%	-1.0%
	Advanced industries energy	120	0.25	1.6%	1.9%	4.1%	4.7%	-5.5%	-5.4%
	Advanced industries services	3,370	0.69	45.0%	-1.1%	-6.3%	48.2%	-1.1%	2.2%
	<b>ADVANCED INDUSTRIES TOTAL</b>	<b>7,480</b>	<b>0.79</b>	<b>100.0%</b>	<b>0.3%</b>	<b>-2.7%</b>	<b>100.0%</b>	<b>-2.1%</b>	<b>0.3%</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.