

Indianapolis, IN

Advanced industries employ

96,698

full-time workers. (2015)

These direct jobs supports an additional

77,360

indirect jobs in other industries in
the region.

Advanced industries produce

\$23.6

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

Advanced industries pay, on average

\$89,394

dollars per year (2015).

Advanced industries directly
account for

9.4%

of all jobs in the region.

This employment share is

#34

among all large metros.

This accounts for

23.0%

of all output in the region (2015).

This compares to average pay of

\$49,321

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

RANK:
#75

2.70%

4.27%

RANK:
#20

2.46%

1.37%

Indianapolis, IN

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.

Indianapolis, IN

Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in Indianapolis, IN 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 |
| 5415 | Computer Systems Design | 15,940 | 1.19 | 16.5% | 9.8% | 8.9% | 8.4% | 13.8% | 9.4% |
| 3254 | Pharmaceuticals | 13,710 | 7.01 | 14.2% | -3.6% | 0.8% | 44.4% | -4.6% | -1.0% |
| 3363 | Motor Vehicle Parts | 9,050 | 2.29 | 9.4% | 4.2% | 4.1% | 5.1% | 1.3% | 2.8% |
| 5413 | Engineering | 8,920 | 0.90 | 9.2% | -0.9% | 2.5% | 4.0% | -2.0% | 1.0% |
| 5416 | Management Consulting | 8,720 | 0.97 | 9.0% | 6.9% | 8.2% | 4.3% | 5.0% | 5.5% |
| 3364 | Aircraft Products & Parts | 3,370 | 0.98 | 3.5% | -2.9% | -8.2% | 3.7% | -0.9% | -4.9% |
| 6215 | Medical and Diagnostic Laboratories | 3,110 | 1.71 | 3.2% | -1.6% | 2.7% | 1.0% | -1.1% | 1.1% |
| 2211 | Power Generation & Supply | 3,060 | 1.10 | 3.2% | -2.5% | 2.4% | 4.7% | -5.6% | -1.0% |
| 5417 | R&D Services | 2,840 | 0.61 | 2.9% | 8.8% | 6.1% | 1.4% | 13.8% | 1.3% |
| 3339 | General Purpose Machinery | 2,560 | 1.37 | 2.6% | 4.1% | 3.7% | 1.5% | 3.2% | 2.7% |
| 5182 | Data Processing & Hosting | 2,340 | 1.12 | 2.4% | 11.0% | 27.2% | 1.2% | 15.8% | 19.6% |
| 3391 | Medical Equipment & Supplies | 2,250 | 1.04 | 2.3% | 3.7% | -1.4% | 1.7% | -18.9% | 7.0% |
| 3399 | Misc. Manufacturing | 1,970 | 1.00 | 2.0% | 5.6% | 4.8% | 0.8% | -17.2% | 8.7% |
| 3345 | Precision Instruments | 1,950 | 0.70 | 2.0% | -2.6% | 0.9% | 1.2% | 2.2% | 5.1% |
| 5191 | Web Search Portals and Internet Publishing | 1,800 | 1.06 | 1.9% | 2.1% | 176.3% | 0.8% | 0.2% | 150.1% |
| 5112 | Software Products | 1,740 | 0.75 | 1.8% | 11.7% | 1.0% | 1.9% | 14.3% | -10.1% |
| 3361 | Motor Vehicles | 1,410 | 0.98 | 1.5% | -3.7% | -3.1% | 1.0% | -10.4% | 2.0% |
| 3315 | Foundries | 1,220 | 1.40 | 1.3% | 4.1% | 1.7% | 0.7% | 9.7% | 0.7% |
| 3253 | Pesticides & Fertilizers | 1,170 | 4.46 | 1.2% | 4.2% | 0.1% | 2.9% | 1.8% | -0.4% |
| 3279 | Stone & Mineral Products | 890 | 1.71 | 0.9% | 6.4% | -0.1% | 0.4% | 13.3% | 1.1% |
| 3251 | Basic Chemicals | 870 | 0.83 | 0.9% | 2.8% | 5.1% | 1.9% | 5.1% | -0.4% |
| 3336 | Engine & Power Equipment | 840 | 1.16 | 0.9% | -7.7% | -2.3% | 0.6% | -8.9% | -5.1% |
| 5172 | Wireless Telecom Carriers | 670 | 0.72 | 0.7% | 3.6% | -19.7% | 0.7% | -3.1% | 16.1% |
| 3346 | Magnetic & Optical Media | 600 | 5.11 | 0.6% | 5.0% | 8.5% | 0.3% | 12.0% | -8.9% |
| 3341 | Computer Equipment | 530 | 0.46 | 0.5% | 8.0% | 2.3% | 0.5% | 14.7% | 4.4% |
| IFG | Advanced industries manufacturing | 47,220 | 1.21 | 48.8% | 0.2% | 0.9% | 71.2% | -3.6% | 0.0% |
| | Advanced industries energy | 3,080 | 0.70 | 3.2% | -2.6% | 2.4% | 4.7% | -5.6% | -1.0% |
| | Advanced industries services | 46,400 | 0.99 | 48.0% | 5.5% | 8.3% | 24.1% | 7.2% | 6.2% |
| ADVANCED INDUSTRIES TOTAL | | 96,700 | 1.07 | 100.0% | 2.3% | 4.3% | 100.0% | -1.7% | 1.4% |

† 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.