

Kalamazoo, MI

Advanced industries employ

15,603

full-time workers. (2015)

These direct jobs supports an additional

12,480

indirect jobs in other industries in the region.

Advanced industries produce

\$2.6

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

Advanced industries pay, on average

\$86,296

dollars per year (2015).

Advanced industries directly account for

10.6%

of all jobs in the region.

This employment share is

#39

among all small metros.

This accounts for

18.4%

of all output in the region (2015).

This compares to average pay of

\$46,535

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

RANK:
#173

2.70%

RANK:
#91

2.84%

0.94%

2.46%

Kalamazoo, MI

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.

Kalamazoo, MI

Twenty-Five Largest Advanced Industries (2015)

There are 8 advanced industries in Kalamazoo, MI 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
3391	Medical Equipment & Supplies	2,840	9.28	18.2%	3.7%	5.0%	15.4%	-1.6%	10.5%
3254	Pharmaceuticals	2,720	9.79	17.4%	1.7%	-2.6%	16.1%	-2.7%	-8.2%
3363	Motor Vehicle Parts	1,300	2.32	8.4%	-2.6%	5.7%	10.6%	2.1%	0.2%
5417	R&D Services	1,160	1.76	7.4%	-0.1%	10.4%	6.6%	-0.8%	10.0%
5413	Engineering	1,010	0.72	6.5%	9.3%	-0.2%	4.8%	7.2%	4.0%
3339	General Purpose Machinery	900	3.38	5.8%	5.8%	-0.2%	3.2%	7.9%	-3.0%
2211	Power Generation & Supply	880	2.22	5.6%	-1.2%	-1.5%	13.8%	-2.2%	-7.5%
3399	Misc. Manufacturing	830	2.94	5.3%	4.9%	17.3%	3.2%	1.0%	25.1%
3313	Aluminum Products	660	11.06	4.2%	2.3%	23.9%	3.1%	10.1%	22.3%
5416	Management Consulting	600	0.47	3.9%	10.7%	4.1%	2.8%	4.3%	4.0%
3364	Aircraft Products & Parts	550	1.13	3.5%	8.3%	5.3%	6.5%	11.9%	8.2%
5415	Computer Systems Design	390	0.20	2.5%	0.6%	2.8%	2.0%	2.0%	8.5%
6215	Medical and Diagnostic Laboratories	180	0.69	1.1%	6.0%	11.5%	0.5%	3.7%	-8.1%
3331	Agri., Constr., Mining Machinery	170	0.70	1.1%	20.0%	-21.7%	0.8%	19.4%	-18.9%
3361	Motor Vehicles	150	0.75	1.0%	-7.9%	4.1%	1.8%	-3.4%	-2.3%
5112	Software Products	130	0.39	0.8%	-13.5%	23.4%	2.3%	-8.4%	13.9%
5172	Wireless Telecom Carriers	120	0.91	0.8%	-11.6%	-11.6%	0.7%	-8.8%	-4.4%
3332	Industrial Machinery	120	1.08	0.8%	-1.5%	-4.3%	0.5%	-0.7%	-1.8%
3252	Resins & Synthetic Rubbers	100	1.09	0.7%	2.9%	-31.4%	1.2%	-5.5%	-6.0%
3333	Commercial & Service Machinery	100	1.09	0.6%	4.7%	1.6%	0.5%	3.7%	1.1%
3344	Semiconductors	90	0.25	0.6%	4.3%	-13.0%	0.4%	7.0%	-8.3%
3362	Motor Vehicle Body & Trailers	80	0.51	0.5%	12.6%	4.9%	0.5%	7.4%	5.6%
3366	Ships & Boats	70	0.52	0.4%	7.3%	4.7%	0.4%	11.9%	0.7%
3345	Precision Instruments	70	0.16	0.4%	-1.0%	1.6%	0.2%	-0.8%	-12.3%
3251	Basic Chemicals	60	0.40	0.4%	-2.2%	0.9%	0.1%	-19.9%	-1.8%
IFG	Advanced industries manufacturing	11,090	2.00	71.1%	2.7%	2.6%	66.3%	0.8%	1.4%
	Advanced industries energy	880	1.40	5.6%	-1.1%	-1.6%	13.9%	-2.2%	-7.5%
	Advanced industries services	3,630	0.55	23.3%	3.1%	4.7%	19.8%	0.4%	6.5%
	ADVANCED INDUSTRIES TOTAL	15,600	1.22	100.0%	2.5%	2.8%	100.0%	0.2%	0.9%

† 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.