

Grand Rapids, MI

Advanced industries employ

52,154

full-time workers. (2015)

These direct jobs supports an additional

41,720

indirect jobs in other industries in the region.

Advanced industries produce

\$8.8

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

Advanced industries pay, on average

\$70,375

dollars per year (2015).

Advanced industries directly account for

9.7%

of all jobs in the region.

This employment share is

#29

among all large metros.

This accounts for

17.6%

of all output in the region (2015).

This compares to average pay of

\$46,662

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOB

4.16%

RANK:
#28

2.70%

5.55%

RANK:
#14

2.46%

Grand Rapids, MI

U.S.

Grand Rapids, MI

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

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Grand Rapids, MI

Twenty-Five Largest Advanced Industries (2015)

There are 10 advanced industries in Grand Rapids, 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
3363	Motor Vehicle Parts	13,400	6.50	25.7%	12.1%	0.5%	38.2%	17.0%	0.8%
3345	Precision Instruments	4,800	3.30	9.2%	2.9%	3.1%	4.9%	4.3%	0.5%
3339	General Purpose Machinery	4,110	4.22	7.9%	11.1%	4.3%	4.5%	12.9%	1.2%
5413	Engineering	3,800	0.74	7.3%	2.0%	1.8%	5.6%	-0.1%	7.3%
3344	Semiconductors	3,530	2.62	6.8%	14.0%	10.6%	4.3%	17.1%	10.8%
5415	Computer Systems Design	3,110	0.45	6.0%	2.8%	6.7%	4.8%	3.9%	10.6%
3352	Household Appliances	2,280	10.15	4.4%	9.8%	17.3%	4.1%	-2.7%	6.5%
5416	Management Consulting	2,140	0.46	4.1%	13.2%	6.6%	3.2%	6.1%	9.4%
3362	Motor Vehicle Body & Trailers	1,550	2.82	3.0%	15.7%	117.6%	0.9%	11.1%	17.7%
3391	Medical Equipment & Supplies	1,500	1.34	2.9%	-0.2%	-4.6%	2.8%	-7.1%	6.9%
3332	Industrial Machinery	1,310	3.19	2.5%	17.2%	3.0%	1.7%	18.8%	3.6%
2211	Power Generation & Supply	1,280	0.88	2.5%	1.4%	27.0%	6.4%	0.6%	21.5%
3315	Foundries	1,100	2.42	2.1%	5.4%	3.8%	1.0%	8.7%	-5.0%
3399	Misc. Manufacturing	980	0.95	1.9%	-17.9%	21.2%	1.0%	-22.8%	19.1%
3254	Pharmaceuticals	870	0.86	1.7%	12.0%	3.4%	2.4%	10.6%	-0.5%
3359	Misc. Electrical Equipment	650	1.36	1.2%	6.5%	22.7%	0.8%	3.7%	11.9%
5417	R&D Services	590	0.24	1.1%	5.1%	1.1%	1.5%	4.8%	10.9%
3313	Aluminum Products	570	2.63	1.1%	17.6%	0.2%	1.1%	30.4%	4.8%
3364	Aircraft Products & Parts	490	0.28	0.9%	20.4%	-11.9%	2.2%	25.1%	-3.1%
5182	Data Processing & Hosting	470	0.43	0.9%	9.0%	30.4%	0.4%	9.4%	46.3%
5179	Other telecommunications	380	1.29	0.7%	24.2%	-1.0%	1.3%	14.4%	-3.8%
3331	Agri., Constr., Mining Machinery	270	0.32	0.5%	-1.6%	3.1%	0.3%	-2.2%	-8.1%
3353	Electrical Equipment	260	0.49	0.5%	3.8%	4.8%	0.5%	5.5%	9.7%
3251	Basic Chemicals	250	0.47	0.5%	-0.1%	2.4%	0.5%	-16.2%	12.4%
3342	Communications Equipment	250	0.76	0.5%	7.4%	-0.8%	0.2%	7.7%	-11.7%
IFG	Advanced industries manufacturing	39,570	1.94	75.9%	8.5%	5.3%	73.9%	11.1%	2.1%
	Advanced industries energy	1,360	0.59	2.6%	0.6%	23.7%	6.5%	0.5%	20.1%
	Advanced industries services	11,230	0.46	21.5%	4.7%	4.9%	19.6%	4.3%	7.9%
	ADVANCED INDUSTRIES TOTAL	52,150	1.11	100.0%	7.5%	5.5%	100.0%	9.1%	4.2%

† 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.