

Saginaw, MI

Advanced industries employ

10,109

full-time workers. (2015)

These direct jobs supports an additional

8,090

indirect jobs in other industries in
the region.

Advanced industries produce

\$1.9

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

Advanced industries pay, on average

\$65,020

dollars per year (2015).

Advanced industries directly
account for

11.3%

of all jobs in the region.

This employment share is

#35

among all small metros.

This accounts for

23.6%

of all output in the region (2015).

This compares to average pay of

\$40,847

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

RANK:
#224

2.70%

JOBS

RANK:
#102

2.46%

2.45%

-0.68%

Saginaw, MI

U.S.

Saginaw, 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

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DATA NOTES

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

Saginaw, MI

Twenty-Five Largest Advanced Industries (2015)

There are 8 advanced industries in Saginaw, 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	3,780	10.99	37.4%	9.2%	3.5%	42.9%	14.6%	0.0%
3315	Foundries	1,600	21.08	15.8%	5.1%	1.1%	9.1%	12.0%	-5.3%
3361	Motor Vehicles	820	6.58	8.2%	0.3%	-0.8%	13.7%	6.5%	-5.2%
3391	Medical Equipment & Supplies	390	2.07	3.8%	2.7%	3.7%	2.7%	-2.1%	5.6%
5413	Engineering	360	0.42	3.6%	-4.0%	7.2%	2.2%	-6.0%	4.5%
3345	Precision Instruments	360	1.47	3.5%	-2.2%	16.3%	1.6%	-0.6%	10.0%
2211	Power Generation & Supply	360	1.47	3.5%	3.0%	11.2%	7.3%	1.8%	2.6%
3279	Stone & Mineral Products	310	6.83	3.1%	-2.6%	2.9%	2.0%	-5.5%	-3.5%
3339	General Purpose Machinery	280	1.75	2.8%	17.3%	0.5%	1.4%	19.9%	-3.4%
5415	Computer Systems Design	280	0.24	2.8%	2.5%	-11.0%	2.6%	3.4%	6.4%
3362	Motor Vehicle Body & Trailers	280	3.01	2.7%	23.9%	-0.4%	2.5%	20.0%	2.4%
5416	Management Consulting	210	0.27	2.1%	5.3%	-3.3%	1.8%	-1.2%	8.6%
6215	Medical and Diagnostic Laboratories	160	1.00	1.6%	10.4%	11.0%	0.6%	10.8%	-5.1%
3399	Misc. Manufacturing	110	0.62	1.0%	11.4%	10.4%	0.6%	7.6%	22.6%
3364	Aircraft Products & Parts	90	0.32	0.9%	17.2%	-0.5%	1.6%	22.7%	4.4%
3332	Industrial Machinery	90	1.24	0.8%	6.5%	-1.2%	0.5%	7.7%	-2.3%
5179	Other telecommunications	80	1.51	0.7%	-3.3%	14.7%	1.1%	-10.2%	6.9%
3344	Semiconductors	70	0.30	0.7%	-0.7%	16.9%	0.4%	3.8%	20.4%
5191	Web Search Portals and Internet Publishing	50	0.32	0.5%	153.7%	-1.0%	0.4%	128.9%	4.9%
3259	Misc. Chemicals	50	0.90	0.4%	4.0%	-15.5%	0.3%	-0.8%	-28.5%
3352	Household Appliances	40	1.01	0.4%	7.2%	1.3%	0.4%	-6.9%	-7.8%
3366	Ships & Boats	40	0.43	0.3%	16.1%	-1.4%	0.3%	22.6%	-2.8%
3313	Aluminum Products	30	0.88	0.3%	7.4%	1.6%	0.4%	23.9%	6.9%
3241	Petroleum & Coal Products	30	0.43	0.3%	5.3%	1.8%	0.9%	31.3%	2.9%
5182	Data Processing & Hosting	30	0.16	0.3%	-12.6%	-1.7%	0.1%	-12.6%	8.7%
IFG	Advanced industries manufacturing	8,530	2.51	84.3%	6.4%	2.5%	82.7%	10.8%	-1.5%
	Advanced industries energy	360	0.95	3.6%	3.3%	11.1%	7.6%	2.6%	2.4%
	Advanced industries services	1,220	0.30	12.1%	1.3%	0.0%	9.7%	-1.0%	4.7%
ADVANCED INDUSTRIES TOTAL		10,110	1.29	100.0%	5.6%	2.4%	100.0%	8.9%	-0.7%

† 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.