

Bismarck, ND

Advanced industries employ

3,957

full-time workers. (2015)

These direct jobs supports an additional

3,170

indirect jobs in other industries in the region.

Advanced industries produce

\$0.6

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

Advanced industries pay, on average

\$75,776

dollars per year (2015).

Advanced industries directly account for

5.1%

of all jobs in the region.

This employment share is

#180

among all small metros.

This accounts for

9.0%

of all output in the region (2015).

This compares to average pay of

\$46,278

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

5.28% RANK: #48

2.70%

3.50% RANK: #78

2.46%

Bismarck, ND

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.

Bismarck, ND

Twenty-Five Largest Advanced Industries (2015)

There are 2 advanced industries in Bismarck, ND 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	1,340	1.80	34.0%	17.3%	2.5%	26.0%	17.5%	1.1%
5416	Management Consulting	780	1.15	19.6%	25.5%	9.0%	16.2%	28.3%	8.4%
5415	Computer Systems Design	530	0.53	13.5%	-14.4%	-12.5%	10.1%	-11.1%	4.7%
2211	Power Generation & Supply	270	1.30	6.9%	-0.7%	6.0%	16.8%	5.8%	-2.9%
3331	Agri., Constr., Mining Machinery	160	1.31	4.1%	22.9%	77.6%	6.2%	18.7%	81.4%
5417	R&D Services	120	0.34	3.0%	0.6%	45.8%	3.2%	1.4%	48.3%
3399	Misc. Manufacturing	90	0.60	2.2%	7.5%	-7.0%	1.0%	20.6%	-8.6%
3344	Semiconductors	80	0.43	2.1%	8.9%	-2.8%	1.2%	26.4%	-6.9%
6215	Medical and Diagnostic Laboratories	80	0.55	1.9%	4.9%	5.8%	0.2%	-0.2%	2.2%
3339	General Purpose Machinery	50	0.33	1.2%	-37.0%	126.1%	0.6%	-41.8%	80.2%
3363	Motor Vehicle Parts	40	0.14	1.1%	8.5%	-3.3%	0.4%	5.8%	-10.3%
5172	Wireless Telecom Carriers	40	0.56	1.0%	-3.2%	1.3%	1.2%	-4.7%	15.8%
5112	Software Products	40	0.22	1.0%	-4.8%	1.3%	2.8%	-2.7%	-3.8%
3361	Motor Vehicles	30	0.31	0.9%	5.0%	-4.1%	0.4%	1.7%	-6.8%
3362	Motor Vehicle Body & Trailers	30	0.40	0.8%	9.4%	-3.0%	0.2%	0.3%	-0.5%
2111	Oil & Gas Extraction	30	0.28	0.7%	27.7%	7.7%	5.7%	43.8%	5.9%
3279	Stone & Mineral Products	30	0.71	0.7%	19.9%	-5.0%	0.5%	42.2%	-7.7%
3241	Petroleum & Coal Products	20	0.40	0.6%	6.3%	-2.1%	2.4%	4.7%	-1.9%
3391	Medical Equipment & Supplies	20	0.14	0.6%	2.2%	-13.9%	0.5%	6.3%	-5.6%
5182	Data Processing & Hosting	20	0.15	0.6%	-2.7%	0.0%	0.3%	-17.3%	3.0%
3333	Commercial & Service Machinery	20	0.47	0.6%	-33.5%	109.8%	0.7%	-26.4%	96.6%
3364	Aircraft Products & Parts	20	0.06	0.4%	4.3%	-3.0%	0.5%	2.2%	1.1%
3346	Magnetic & Optical Media	10	1.58	0.4%	8.4%	0.0%	0.3%	31.5%	-9.4%
3251	Basic Chemicals	10	0.16	0.3%	5.3%	-3.6%	0.6%	2.8%	-17.8%
3366	Ships & Boats	10	0.13	0.2%	4.0%	0.0%	0.1%	6.9%	-4.5%
IFG	Advanced industries manufacturing	690	0.23	17.4%	5.2%	11.1%	17.0%	6.9%	16.3%
	Advanced industries energy	300	0.91	7.6%	1.0%	6.2%	22.5%	11.0%	-0.9%
	Advanced industries services	2,970	0.84	75.0%	5.0%	1.7%	60.5%	9.1%	5.1%
	ADVANCED INDUSTRIES TOTAL	3,960	0.58	100.0%	4.7%	3.5%	100.0%	9.2%	5.3%

† 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.