

South Dakota

Advanced industries employ

27,632

full-time workers. (2015)

These direct jobs supports an additional

22,110

indirect jobs in other industries in the region.

Advanced industries produce

\$3.9

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

Advanced industries pay, on average

\$54,914

dollars per year (2015).

Advanced industries directly account for

5.9%

of all jobs in the region.

This employment share is

#43

among all states.

This accounts for

9.8%

of all output in the region (2015).

This compares to average pay of

\$37,726

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

3.43%

RANK:
#11

2.70%

2.58%

RANK:
#18

2.46%

South Dakota

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.

South Dakota

Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in South Dakota 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
3399	Misc. Manufacturing	3,130	3.46	11.3%	0.5%	0.1%	12.5%	2.4%	3.1%
5413	Engineering	2,770	0.61	10.0%	3.4%	3.4%	7.2%	2.6%	5.3%
3331	Agri., Constr., Mining Machinery	2,640	3.48	9.5%	10.1%	2.8%	8.0%	13.8%	2.5%
5415	Computer Systems Design	2,030	0.33	7.4%	7.5%	6.1%	5.4%	7.5%	13.7%
3391	Medical Equipment & Supplies	1,750	1.77	6.3%	-1.4%	5.3%	9.5%	0.0%	10.3%
2211	Power Generation & Supply	1,690	1.33	6.1%	-2.4%	0.0%	13.2%	0.9%	-6.1%
3339	General Purpose Machinery	1,580	1.84	5.7%	4.3%	2.9%	4.3%	8.1%	1.3%
3362	Motor Vehicle Body & Trailers	1,540	3.19	5.6%	10.2%	6.0%	2.5%	9.9%	8.6%
3344	Semiconductors	1,440	1.22	5.2%	11.2%	-2.6%	4.1%	25.8%	6.1%
5416	Management Consulting	1,150	0.28	4.2%	8.6%	-5.8%	3.1%	6.0%	-3.4%
3336	Engine & Power Equipment	1,110	3.37	4.0%	-1.4%	19.4%	3.4%	2.1%	15.3%
3363	Motor Vehicle Parts	810	0.45	2.9%	7.3%	14.2%	1.6%	9.7%	15.0%
5417	R&D Services	750	0.35	2.7%	12.8%	15.7%	2.8%	14.4%	20.0%
3361	Motor Vehicles	690	1.05	2.5%	6.9%	8.1%	1.9%	9.8%	7.9%
3251	Basic Chemicals	640	1.33	2.3%	-0.2%	2.9%	4.8%	-5.8%	6.1%
3345	Precision Instruments	320	0.25	1.1%	-12.9%	-3.9%	0.8%	-2.9%	2.1%
6215	Medical and Diagnostic Laboratories	290	0.35	1.0%	-3.5%	-4.7%	0.7%	-0.8%	-4.2%
3315	Foundries	250	0.63	0.9%	9.2%	5.1%	0.3%	18.1%	-2.1%
3313	Aluminum Products	250	1.31	0.9%	13.0%	6.1%	0.3%	21.9%	-0.7%
3333	Commercial & Service Machinery	230	0.80	0.8%	4.8%	3.0%	0.7%	7.3%	1.5%
5152	Cable and Other Subscription Programming	230	1.14	0.8%	-0.3%	-3.3%	1.2%	3.9%	-6.5%
3259	Misc. Chemicals	220	0.83	0.8%	0.0%	0.7%	1.1%	-6.6%	2.9%
5172	Wireless Telecom Carriers	220	0.50	0.8%	-1.7%	-3.1%	1.5%	0.1%	8.3%
3352	Household Appliances	200	1.04	0.7%	6.6%	1.0%	0.6%	-0.7%	-0.7%
3353	Electrical Equipment	200	0.43	0.7%	6.3%	0.0%	0.6%	-1.5%	-2.3%
IFG	Advanced industries manufacturing	17,760	0.99	64.3%	3.4%	3.0%	60.3%	4.2%	5.1%
	Advanced industries energy	1,890	0.94	6.8%	-2.3%	0.1%	15.0%	1.1%	-4.8%
	Advanced industries services	7,980	0.37	28.9%	4.8%	2.3%	24.7%	4.0%	5.2%
	ADVANCED INDUSTRIES TOTAL	27,630	0.67	100.0%	3.4%	2.6%	100.0%	3.6%	3.4%

† 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.