

Midland, TX

Advanced industries employ

14,655

full-time workers. (2015)

These direct jobs supports an additional

11,720

indirect jobs in other industries in the region.

Advanced industries produce

\$13.5

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

Advanced industries pay, on average

\$96,252

dollars per year (2015).

Advanced industries directly account for

15.5%

of all jobs in the region.

This employment share is

#9

among all small metros.

This accounts for

59.0%

of all output in the region (2015).

This compares to average pay of

\$69,077

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

10.18%

RANK:
#9

2.70%

RANK:
#139

2.46%

1.69%

Midland, TX

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.

Midland, TX

Twenty-Five Largest Advanced Industries (2015)

There are 6 advanced industries in Midland, TX 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
2111	Oil & Gas Extraction	8,800	70.94	60.1%	16.8%	4.1%	91.9%	23.7%	11.3%
5413	Engineering	2,250	2.48	15.3%	12.4%	-7.1%	2.2%	11.0%	-8.4%
5416	Management Consulting	900	1.10	6.1%	26.9%	12.4%	0.8%	24.7%	0.9%
3339	General Purpose Machinery	690	4.04	4.7%	12.8%	-3.4%	0.8%	9.8%	1.4%
3331	Agri., Constr., Mining Machinery	560	3.70	3.8%	17.2%	3.0%	0.8%	12.5%	6.3%
5415	Computer Systems Design	250	0.21	1.7%	8.2%	31.4%	0.3%	11.5%	26.2%
3364	Aircraft Products & Parts	170	0.55	1.2%	-5.1%	2.4%	0.3%	12.1%	-0.2%
2211	Power Generation & Supply	130	0.52	0.9%	-4.4%	63.5%	0.7%	4.0%	59.1%
3332	Industrial Machinery	120	1.70	0.8%	11.6%	-2.0%	0.2%	8.1%	12.0%
3399	Misc. Manufacturing	110	0.60	0.7%	0.3%	0.0%	0.1%	-3.1%	1.7%
3336	Engine & Power Equipment	100	1.52	0.7%	14.7%	-1.9%	0.2%	13.1%	-2.1%
5172	Wireless Telecom Carriers	80	0.89	0.5%	-14.3%	-35.5%	0.2%	-6.1%	-27.1%
3241	Petroleum & Coal Products	60	0.87	0.4%	-24.6%	0.8%	0.6%	-19.8%	-3.2%
3251	Basic Chemicals	50	0.52	0.3%	68.7%	2.1%	0.3%	57.5%	5.1%
6215	Medical and Diagnostic Laboratories	50	0.30	0.3%	-9.9%	-6.3%	0.0%	-13.7%	1.3%
5152	Cable and Other Subscription Programming	40	1.08	0.3%	-7.2%	-1.1%	0.1%	13.5%	-3.5%
3259	Misc. Chemicals	40	0.71	0.3%	-4.6%	5.9%	0.1%	-11.7%	0.2%
3361	Motor Vehicles	40	0.27	0.2%	-6.0%	2.9%	0.1%	8.5%	-1.8%
3353	Electrical Equipment	20	0.26	0.2%	108.0%	15.5%	0.0%	109.9%	18.6%
3362	Motor Vehicle Body & Trailers	20	0.23	0.2%	-1.5%	2.4%	0.0%	3.4%	7.9%
3279	Stone & Mineral Products	20	0.44	0.1%	17.8%	8.0%	0.0%	22.8%	5.6%
5179	Other telecommunications	20	0.40	0.1%	-14.8%	-21.4%	0.1%	-10.5%	-23.6%
5112	Software Products	20	0.09	0.1%	-3.3%	0.0%	0.1%	0.8%	-1.5%
5191	Web Search Portals and Internet Publishing	20	0.11	0.1%	6.3%	-31.3%	0.0%	3.1%	-25.5%
5182	Data Processing & Hosting	20	0.08	0.1%	10.1%	-56.7%	0.0%	3.8%	-55.8%
IFG	Advanced industries manufacturing	2,070	0.58	14.1%	7.0%	-0.1%	3.6%	1.1%	2.0%
	Advanced industries energy	8,930	22.08	61.0%	16.6%	4.6%	92.5%	23.6%	11.5%
	Advanced industries services	3,650	0.85	24.9%	10.5%	-3.6%	3.8%	9.2%	-7.4%
	ADVANCED INDUSTRIES TOTAL	14,660	1.77	100.0%	13.2%	1.7%	100.0%	21.2%	10.2%

† 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.