

Austin, TX

Advanced industries employ

127,514

full-time workers. (2015)

These direct jobs supports an additional

102,010

indirect jobs in other industries in the region.

Advanced industries produce

\$28.1

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

Advanced industries pay, on average

\$100,557

dollars per year (2015).

Advanced industries directly account for

13.1%

of all jobs in the region.

This employment share is

#9

among all large metros.

This accounts for

25.5%

of all output in the region (2015).

This compares to average pay of

\$55,909

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

JOBS

7.76%
RANK:
#7

2.70%

5.98%
RANK:
#12

2.46%

Austin, TX

U.S.

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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.

Austin, TX

Twenty-Five Largest Advanced Industries (2015)

There are 12 advanced industries in Austin, 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
5415	Computer Systems Design	31,540	2.50	24.7%	16.1%	18.4%	16.0%	18.8%	18.0%
5416	Management Consulting	16,250	1.92	12.7%	16.8%	7.3%	8.2%	13.2%	7.6%
5413	Engineering	15,320	1.64	12.0%	0.8%	3.6%	7.0%	-1.7%	3.0%
3344	Semiconductors	13,730	5.63	10.8%	7.0%	-1.7%	11.1%	10.1%	9.1%
3341	Computer Equipment	11,460	10.67	9.0%	-1.0%	-3.1%	15.9%	-0.3%	2.4%
5112	Software Products	4,930	2.23	3.9%	0.4%	-2.0%	6.0%	6.2%	1.8%
5182	Data Processing & Hosting	4,630	2.34	3.6%	25.1%	28.7%	2.5%	20.2%	32.4%
5417	R&D Services	4,320	0.99	3.4%	1.5%	6.8%	2.7%	1.7%	8.1%
3345	Precision Instruments	2,180	0.82	1.7%	-5.6%	-1.5%	2.8%	-4.1%	3.5%
5191	Web Search Portals and Internet Publishing	2,150	1.33	1.7%	20.0%	12.8%	1.1%	18.5%	25.7%
3254	Pharmaceuticals	1,860	1.01	1.5%	1.5%	1.5%	4.5%	-2.2%	6.6%
3399	Misc. Manufacturing	1,860	1.00	1.5%	4.3%	-1.7%	0.6%	0.8%	3.2%
3332	Industrial Machinery	1,820	2.44	1.4%	-2.4%	5.1%	1.3%	-5.1%	14.1%
6215	Medical and Diagnostic Laboratories	1,710	0.99	1.3%	2.0%	1.3%	0.5%	1.2%	7.7%
2211	Power Generation & Supply	1,640	0.63	1.3%	-3.3%	5.0%	4.0%	6.2%	0.5%
5172	Wireless Telecom Carriers	1,390	1.56	1.1%	5.5%	-15.6%	1.9%	17.0%	8.8%
2111	Oil & Gas Extraction	1,230	0.96	1.0%	8.9%	4.1%	6.1%	14.8%	10.6%
3342	Communications Equipment	1,030	1.76	0.8%	-0.2%	-9.6%	1.1%	0.6%	-1.9%
3391	Medical Equipment & Supplies	1,030	0.51	0.8%	4.5%	2.2%	0.4%	-0.1%	5.1%
3331	Agri., Constr., Mining Machinery	970	0.62	0.8%	23.0%	-1.1%	0.6%	18.4%	2.5%
3353	Electrical Equipment	880	0.93	0.7%	5.9%	6.8%	0.4%	-0.1%	5.1%
5179	Other telecommunications	870	1.61	0.7%	11.9%	1.5%	1.3%	22.1%	3.5%
3364	Aircraft Products & Parts	740	0.23	0.6%	9.6%	3.2%	0.8%	29.7%	2.1%
3351	Electrical Lighting Equipment	640	2.00	0.5%	-8.5%	27.3%	0.3%	-10.5%	45.4%
3359	Misc. Electrical Equipment	640	0.74	0.5%	8.2%	11.3%	0.3%	-3.4%	18.6%
IFG	Advanced industries manufacturing	41,550	1.12	32.6%	2.5%	-0.7%	42.5%	1.9%	5.3%
	Advanced industries energy	2,870	0.69	2.3%	1.3%	4.6%	10.1%	10.6%	6.2%
	Advanced industries services	83,100	1.88	65.2%	9.3%	10.0%	47.4%	8.9%	10.5%
	ADVANCED INDUSTRIES TOTAL	127,510	1.49	100.0%	6.4%	6.0%	100.0%	5.7%	7.8%

† 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.