

Dallas, TX

Advanced industries employ

354,733

full-time workers. (2015)

These direct jobs supports an additional

283,790

indirect jobs in other industries in the region.

Advanced industries produce

\$94.5

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

Advanced industries pay, on average

\$102,930

dollars per year (2015).

Advanced industries directly account for

10.3%

of all jobs in the region.

This employment share is

#22

among all large metros.

This accounts for

22.7%

of all output in the region (2015).

This compares to average pay of

\$58,075

for all industries (2015).

Advanced industry annual average growth, 2013-2015

OUTPUT

2.97%

RANK:
#45

2.70%

JOBS

2.51%

RANK:
#43

2.46%

Dallas, TX

U.S.

Dallas, TX

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

SEE THE INTERACTIVE

www.brookings.edu/advancedindustries

FOLLOW US ON TWITTER

@BrookingsMetro | @MarkMuro1 | #AdvIndustries

DATA NOTES

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

Dallas, TX

Twenty-Five Largest Advanced Industries (2015)

There are 10 advanced industries in Dallas, 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	70,420	1.57	19.9%	10.2%	10.6%	11.4%	12.4%	12.5%
5416	Management Consulting	42,430	1.42	12.0%	1.4%	6.9%	6.5%	-1.4%	6.6%
5413	Engineering	32,580	0.99	9.2%	3.0%	2.9%	4.5%	1.1%	1.1%
3364	Aircraft Products & Parts	32,190	2.80	9.1%	-1.1%	-3.5%	9.7%	16.8%	-2.8%
3344	Semiconductors	20,080	2.32	5.7%	-0.9%	-4.1%	6.3%	-0.7%	3.3%
5182	Data Processing & Hosting	15,170	2.17	4.3%	1.0%	6.0%	2.3%	-5.9%	7.5%
2111	Oil & Gas Extraction	12,430	2.74	3.5%	2.6%	-5.3%	18.3%	9.2%	-0.4%
5112	Software Products	9,120	1.17	2.6%	4.2%	2.8%	3.3%	5.8%	3.3%
3363	Motor Vehicle Parts	8,610	0.65	2.4%	7.7%	3.6%	1.4%	21.5%	6.0%
3342	Communications Equipment	8,370	4.04	2.4%	0.3%	-4.1%	2.5%	1.0%	2.2%
6215	Medical and Diagnostic Laboratories	8,060	1.32	2.3%	4.4%	8.2%	0.6%	3.3%	9.2%
2211	Power Generation & Supply	7,290	0.78	2.1%	0.3%	1.5%	5.4%	8.9%	0.8%
3361	Motor Vehicles	7,120	1.48	2.0%	5.6%	3.7%	1.8%	22.5%	0.7%
3345	Precision Instruments	7,030	0.75	2.0%	-5.4%	-1.2%	2.1%	-5.1%	2.2%
5172	Wireless Telecom Carriers	6,070	1.93	1.7%	-2.3%	-14.0%	2.6%	8.7%	11.8%
3391	Medical Equipment & Supplies	5,480	0.76	1.5%	-0.6%	0.5%	0.7%	-4.1%	4.9%
3331	Agri., Constr., Mining Machinery	5,230	0.94	1.5%	10.6%	-4.1%	1.2%	6.4%	5.3%
5417	R&D Services	5,190	0.33	1.5%	-1.6%	4.3%	1.0%	-1.4%	4.9%
3399	Misc. Manufacturing	5,150	0.78	1.5%	7.1%	-0.5%	0.5%	3.9%	4.1%
3254	Pharmaceuticals	5,030	0.77	1.4%	2.4%	5.7%	4.0%	-0.7%	7.6%
3339	General Purpose Machinery	3,920	0.63	1.1%	3.9%	1.6%	0.7%	1.0%	8.9%
5179	Other telecommunications	3,560	1.86	1.0%	-9.2%	-11.4%	1.7%	-2.6%	-6.8%
3279	Stone & Mineral Products	2,440	1.40	0.7%	5.1%	7.1%	0.3%	12.3%	6.1%
3259	Misc. Chemicals	2,170	1.13	0.6%	2.7%	2.0%	1.0%	-2.1%	-1.1%
3359	Misc. Electrical Equipment	2,160	0.71	0.6%	3.6%	3.8%	0.3%	-5.0%	8.3%
IFG	Advanced industries manufacturing	138,350	1.06	39.0%	1.4%	-1.0%	41.3%	5.5%	1.6%
	Advanced industries energy	19,740	1.34	5.6%	1.8%	-3.0%	23.7%	9.1%	-0.1%
	Advanced industries services	196,650	1.26	55.4%	3.9%	5.9%	35.0%	3.7%	7.0%
ADVANCED INDUSTRIES TOTAL		354,730	1.17	100.0%	2.7%	2.5%	100.0%	5.8%	3.0%

† 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.