

## Grand Island, NE

Advanced industries employ

**3,060**

full-time workers. (2013)

These direct jobs supports an additional

**2,450**

indirect jobs in other industries in  
the region.

Advanced industries produce

**\$0.6**

billion dollars in output in the region.  
(2013, 2005 Chained)

Advanced industries pay, on average

**\$51,080**

dollars per year (2013).

Advanced industries directly  
account for

**6.4%**

of all jobs in the region.

This employment share is

**#130**

among all small metros.

This accounts for

**13.9%**

of all output in the region (2013).

This compares to average pay of

**\$33,450**

for all industries (2013).

Advanced industry annual average growth, 2010-2013

**JOBS**

3.2%

2.7%

Grand Island, NE

U.S.

**OUTPUT**

13.9%

3.8%

Grand Island, NE

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

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#### DATA NOTES

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

# Grand Island, NE

## Twenty-Five Largest Advanced Industries (2013)

Industry 4-Digit NAICS Code	Industry Title	Industry Employment (2013)	Industry Location Quotient (LQ) † 2013	Industry Share of Total Advanced Industries Employment (2013)	Industry Employment Annual Growth 2010-2013	Industry Share of Total Advanced Industries Output (2013)	Industry Output Annual Growth 2010-2013
3331	Agri., Constr., Mining Machinery	1,040	12.27	33.9%	4.9%	40.5%	25.8%
3339	General Purpose Machinery	250	2.86	8.1%	4.9%	6.6%	19.6%
3251	Basic Chemicals	170	3.57	5.7%	1.6%	13.7%	7.2%
3363	Motor Vehicle Parts	160	0.95	5.4%	3.0%	3.9%	17.8%
5413	Architecture & Engineering	150	0.33	5.0%	4.5%	2.8%	5.1%
3369	Misc. Transportation Equipment	130	12.00	4.2%	1.3%	1.1%	-0.3%
3391	Medical Equipment & Supplies	130	1.23	4.1%	-4.5%	6.6%	0.3%
3336	Engine & Power Equipment	120	3.42	3.9%	5.3%	2.7%	20.6%
5416	Management Consulting	120	0.29	3.8%	29.4%	2.4%	40.2%
3333	Commercial & Service Machinery	110	3.81	3.7%	4.9%	1.6%	11.0%
3362	Motor Vehicle Body & Trailers	100	2.24	3.4%	2.0%	2.7%	10.5%
5415	Computer Systems Design	90	0.16	3.0%	-5.7%	1.9%	-5.9%
3399	Misc. Manufacturing	90	0.98	3.0%	1.9%	4.2%	6.7%
3311	Iron & Steel Products	50	1.49	1.5%	3.9%	1.2%	12.0%
5152	Cable and Other Subscription Programming	50	1.89	1.5%	-4.6%	1.6%	2.2%
3332	Industrial Machinery	40	1.22	1.4%	5.0%	0.7%	24.9%
5417	R&D Services	40	0.19	1.3%	-1.6%	0.9%	-4.5%
5172	Wireless Telecom Carriers	40	0.71	1.2%	-2.6%	0.9%	0.4%
3364	Aircraft Products & Parts	40	0.21	1.2%	2.9%	0.9%	3.1%
3345	Precision Instruments	30	0.22	1.0%	3.6%	0.3%	-4.5%
3315	Foundries	30	0.61	0.8%	0.0%	0.2%	22.5%
6215	Medical and Diagnostic Laboratories	10	0.17	0.5%	-2.3%	0.2%	-1.9%
5179	Other telecommunications	10	0.45	0.4%	-2.4%	0.5%	4.3%
5182	Data Processing & Hosting	10	0.14	0.4%	-2.4%	0.3%	-3.1%
3365	Railroad Rolling Stock Manufacturing	10	1.46	0.4%	2.9%	0.3%	6.6%
Advanced industries manufacturing		2,540	1.37	82.7%	3.2%	88.1%	15.5%
Advanced industries energy		-	0.00	0.0%	0.0%	0.3%	-2.0%
Advanced industries services		530	0.25	17.2%	3.2%	11.7%	4.6%
<b>ADVANCED INDUSTRIES TOTAL</b>		<b>3,060</b>	<b>0.73</b>	<b>100.0%</b>	<b>3.2%</b>	<b>100.0%</b>	<b>13.9%</b>

† 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.