



MANUFACTURING MATTERS

Our Impact in Illinois

Introduction

Manufacturing matters to Illinois and America.

Manufacturing is integral to the story of Illinois and our nation. As our state's leading economic engine, Illinois manufacturers feed the world, make life saving products, power our homes and businesses, build our infrastructure, transport people and products around the globe, and provide for our nation's defense. Manufacturers are the innovators and entrepreneurs, the builders and producers, and the dreamers and leaders who are solving our challenges and creating our future. Manufacturers make the world a better place to live every single day.

Illinois has fantastic attributes for manufacturers including a central location, educated workforce, comprehensive infrastructure including roads, rail, air, and waterways, access to water, global city and airport, national laboratories, and an affordable and competitive energy market.

Our state also has many challenges. If the right policies are enacted by elected officials, Illinois can once again become the pre-eminent location to manufacture products in the United States. These policies will lead to increased capital investment and job growth.

We are proud to represent Illinois manufacturers and the more than half-million women and men that work on factory floors in good, high-paying jobs.

This in-depth and independent Economic Analysis of the Manufacturing Sector in Illinois by the Division of Research at the Moore School of Business at the University of South Carolina showcases the magnificent manufacturing sector and its outsized economic impact on Illinois.



Best,

A handwritten signature in black ink that reads "Mark Denzler". The signature is stylized and fluid.

Mark Denzler
President & CEO

Total Annual Economic Impact



\$580 billion

The Illinois manufacturing industry represents a key economic pillar of the state's economy. Comprising a diversified employment base across a wide range of industry subsectors, manufacturing is the state's largest industry when ranked by contribution to GDP.

Employment Impact

Manufacturing directly provides between 628,418 and 662,298 jobs, 9.5 percent of total employment in Illinois, and indirectly supports between 1,681,284 and 1,771,928 jobs.

- *These direct and indirect jobs make up 29.6 percent of Illinois total employment.*

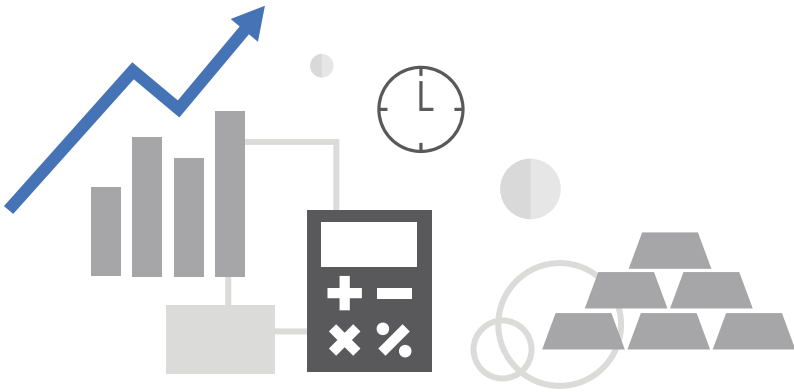


- *More than 16,000 new jobs since 2010*

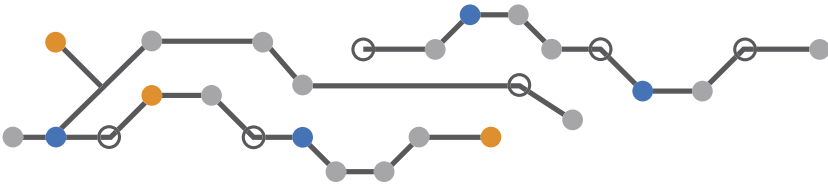
Employment Impact

- Average annual wage per manufacturing worker **\$79,409**

- Employment multiplier of **2.7**



- Total annual wages and benefits for Illinois residents: more than **\$142 billion**



For every **10 jobs** that are supported directly by the manufacturing industry, an additional **17 jobs** are created elsewhere in Illinois (for a total of **27 jobs**).

Growth Impact

*Illinois' largest manufacturing sectors
are among the fastest growing*

Subsector Legend Ranked by Employment

No.	Subsector Name	Employment Growth	% of Total Manufact. Industry
1	Transportation Equipment Manufacturing	+48.6%	7.4%
2	Primary Metal Manufacturing	+12.1%	3.1%
3	Non-Metallic Mineral Products Manufacturing	+11.4%	2.5%
4	Food Manufacturing	+10.2%	15.5%
5	Plastics & Rubber Products Manufacturing	+9.5%	7.7%
6	Household Appliance Manufacturing	+6.9%	.06%
7	Fabricated Metal Products	+5.9%	15.4%
8	Chemical Manufacturing	+1.5%	8.4%
9	Miscellaneous Durable Goods Manufacturing	-0.7%	4.7%
10	Machinery Manufacturing	-2.2%	12.0%
11	Elec. Equip., Appl., & Comp. Manuf.	-6.1%	3.7%
12	Furniture & Related Products Manufacturing	-7.0%	2.1%
13	Paper Manufacturing	-9.9%	3.1%
14	Computer & Electronic Products Manufacturing	-12.3%	5.1%
15	Printing & Related Support Activities	-19.1%	4.0%

Transportation Equipment (which encompasses automotive and aerospace) grew by 48.6 percent between 2009 and 2019 – twelve times faster than the state’s economy overall.

Workforce

Manufacturing jobs are skilled, with high wages, and with a wage premium of 11.7% over the average job in Illinois.

- *Manufacturing occupations are expected to see the largest job growth compared to all other occupations.*

- *The top 20 manufacturing occupations are estimated to expand by 3.1% versus 1% across all occupations.*



- *The majority of positions within manufacturing (73%) will continue to require a high school diploma or less.*



- *37% of in-demand manufacturing occupations require some form of post-secondary education.*

The most in-demand occupations within manufacturing typically require between just one and six months of on-the-job training.

Illinois' Manufacturing Sectors

Food and Agriculture:

- More than \$135 billion economic impact
- More than 393,974 total employment with \$27.7 billion in wages and benefits
- Average wage: \$70,368

Metal Fabrication:

- More than \$135 billion economic impact
- More than 393,974 total employment with \$27.7 billion in wages and benefits
- Average wage: \$70,368

Heavy Equipment:

- More than \$61 billion economic impact
- More than 193,804 total employment with \$17.1 billion in wages and benefits
- Average wage: \$88,053

Pharmaceutical Manufacturing:

- More than \$59 billion economic impact
- More than 131,855 total employment with \$154.3 billion in wages and benefits
- Average wage: \$116,210

Transportation Equipment:

- More than \$44 billion economic impact
- More than 113,247 total employment with \$8.6 billion in wages and benefits
- Average wage: \$88,053
- Average wage: \$76,326

Top 20 Counties by Manufacturing Jobs

County	Employment
Cook	182,542
DuPage	54,836
Lake	49,627
Kane	32,781
Will	23,024
Winnebago	21,604
McHenry	14,339
Peoria	13,961
Madison	11,078
Macon	10,478
Rock Island	9,079
Kankakee	6,739
Champaign	6,700
Boone	6,452
LaSalle	6,109
Tazewell	5,693
St Clair	5,671
Vermilion	5,191
Adams	4,824
Whiteside	4,374

Top 20 Counties by GDP %

County	% of County GDP	Output
Boone	48.5%	\$904,091,264
Lee	40.3%	\$673,058,432
Macon	35.7%	\$2,380,799,744
Crawford	34.3%	\$1,297,868,672
Moultrie	33.0%	\$285,239,424
Jefferson	31.5%	\$598,904,768
Peoria	31.5%	\$4,105,742,080
Douglas	29.4%	\$332,612,128
Lake	29.3%	\$18,694,400,000
Putnam	29.3%	\$104,856,592
Clay	28.8%	\$169,728,400
Marshall	28.6%	\$118,321,512
Whiteside	27.9%	\$615,598,016
Edwards	27.5%	\$79,025,976
Edgar	27.2%	\$221,763,712
Warren	26.0%	\$211,130,896
Bond	25.9%	\$152,149,872
Morgan	25.9%	\$431,814,272
Livingston	23.1%	\$449,617,408
Vermilion	22.8%	\$760,466,496

Top 20 Sectors by Manufacturing GDP

Sector	Total Employment	% of Total Manufact. Industry
Food Manufacturing	87,500	15.5%
Fabricated Metal Products Manufacturing	87,100	15.4%
Machinery Manufacturing	68,100	12.0%
Chemical Manufacturing	47,500	8.4%
Plastics & Rubber Products Manufacturing	43,800	7.7%
Transportation Equipment Manufacturing	42,100	7.4%
Computer & Electronic Products Manufacturing	28,600	5.1%
Miscellaneous Durable Goods Manufacturing	26,600	4.7%
Printing & Related Support Activities	22,800	4.0%
Elec. Equip., Appl., & Comp. Manuf.	20,700	3.7%
Paper Manufacturing	17,600	3.1%
Primary Metal Manufacturing	17,400	3.1%
Non-Metallic Mineral Products Manufacturing	13,900	2.5%
Furniture & Related Products Manufacturing	11,800	2.1%
Household Appliance Manufacturing	3,200	0.6%



BOLDLY MOVING MAKERS **FORWARD**

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For a full copy of the the economic study, please visit www.ima-net.org/2022economicanalysis.
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