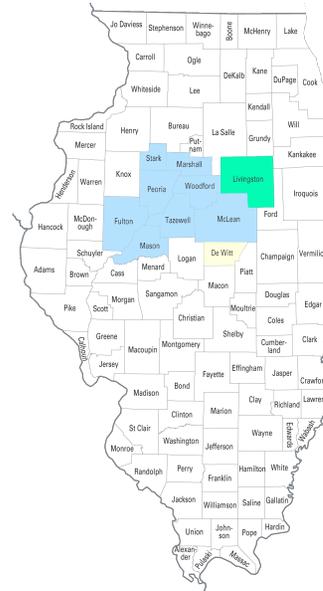


# NORTH CENTRAL ECONOMIC DEVELOPMENT REGION

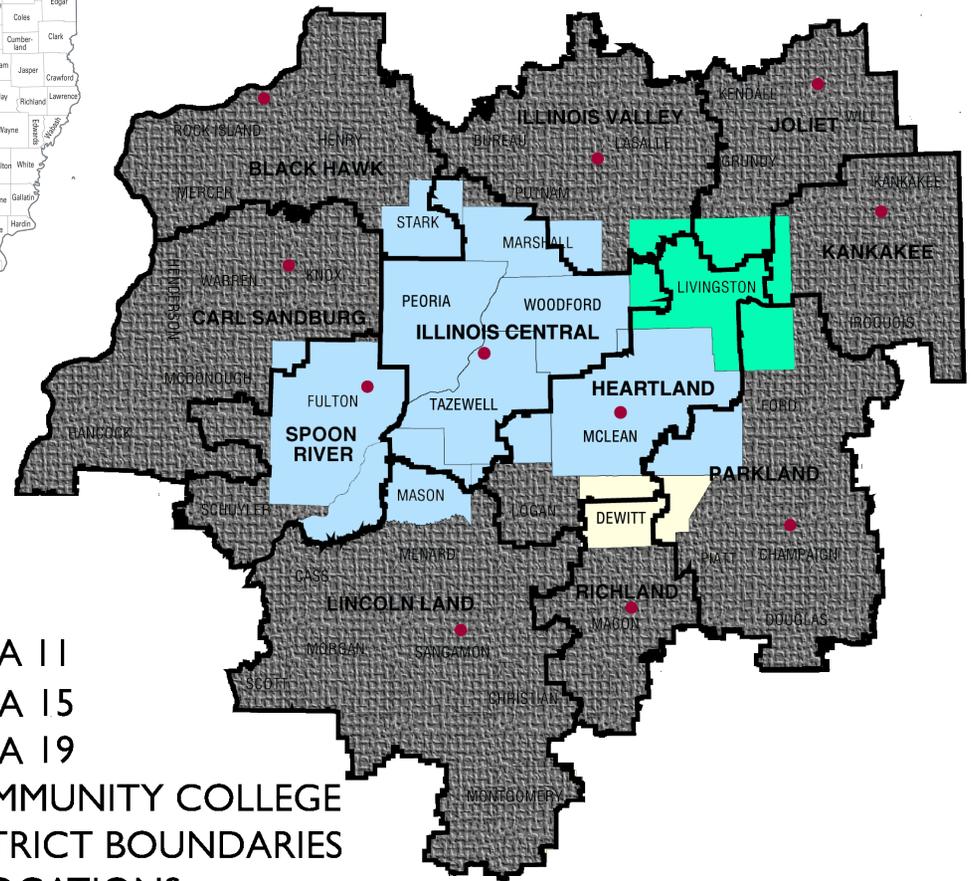
North Central EDR Counties	2013 Population Estimates	Percent of EDR Population
DeWitt	16,420	3%
Fulton	36,346	7%
Livingston	38,186	7%
McLean	174,647	32%
Marshall	12,153	2%
Mason	14,248	3%
Peoria	188,429	34%
Stark	5,907	1%
Tazewell	136,352	25%
Woodford	39,273	7%
<b>Total Population</b>	<b>661,961</b>	



Source: US Census Bureau Annual County Resident Population Estimates for 2013

North Central EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Peoria	116,513	18%
Bloomington	78,902	12%
Normal	54,664	8%
Pekin	34,081	5%
East Peoria	23,503	4%
Morton	16,525	2%
Washington	15,716	2%
Canton	14,437	2%
Pontiac	11,688	2%

Source: US Census Bureau Annual County Resident Population Estimates for 2013



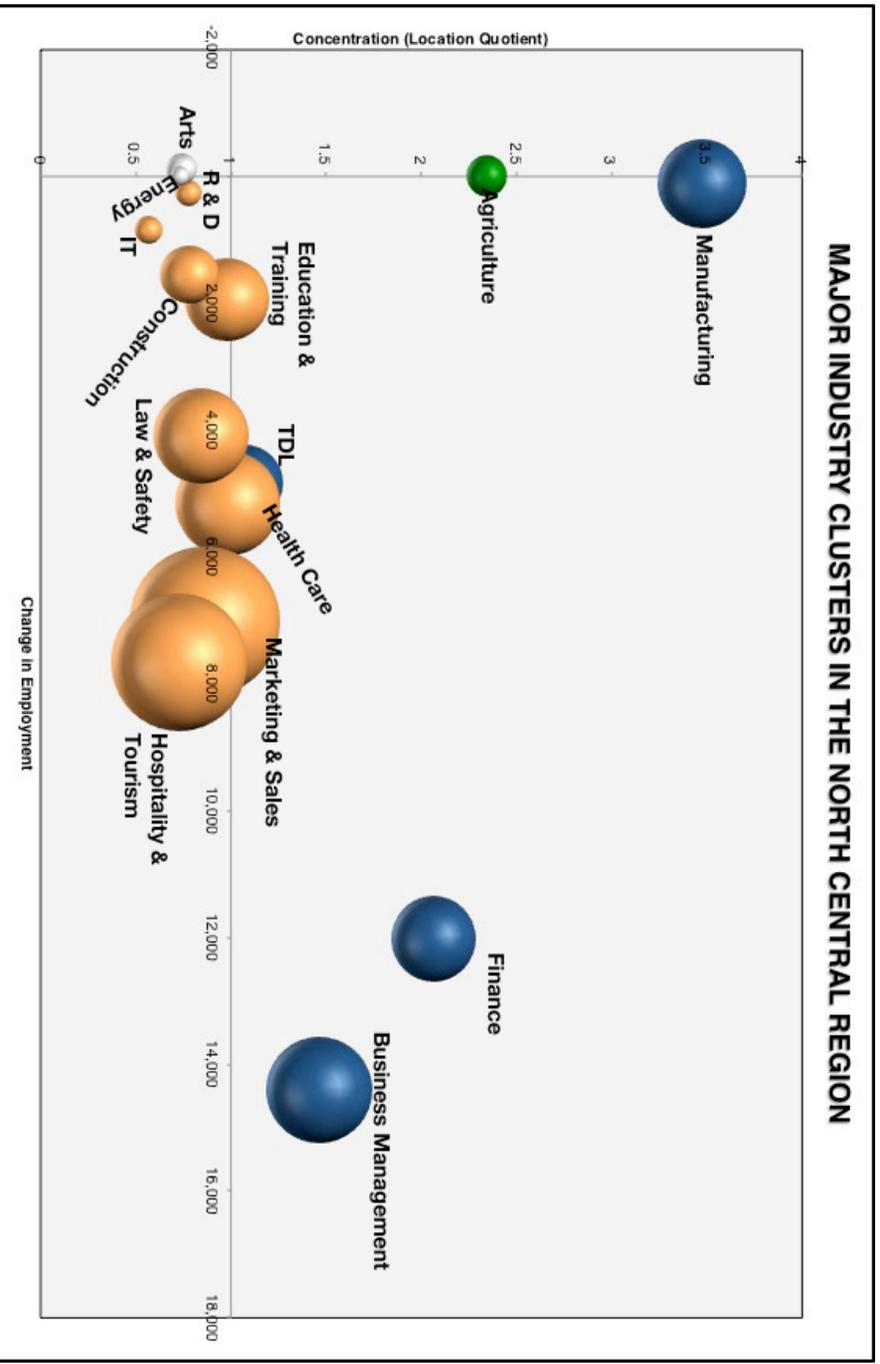
- LWIA 11
- LWIA 15
- LWIA 19
- COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

## NORTH CENTRAL REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	91,039	98,050	7,011	7.7%	0.86
Hospitality & Tourism	73,877	81,544	7,667	10.4%	0.73
Business Management	33,773	48,179	14,406	42.7%	1.46
Health Care	41,832	46,994	5,162	12.3%	0.98
Law & Public Safety	34,437	38,534	4,097	11.9%	0.84
Manufacturing	33,676	33,781	105	0.3%	3.48
Finance	19,331	31,353	12,022	62.2%	2.06
Education & Training	28,045	29,989	1,944	6.9%	0.98
Transportation, Distribution & Logistics	20,956	25,785	4,829	23.0%	1.07
Construction	13,114	14,661	1,547	11.8%	0.78
Agriculture	6,871	6,861	10	-0.1%	2.34
Arts & Audio Visual	4,151	4,024	127	-3.1%	0.74
Information Technology	2,334	3,181	847	36.3%	0.57
Research & Development	2,555	2,817	262	10.3%	0.78
Energy	1,394	1,382	-12	-0.9%	0.73

#### MAJOR INDUSTRY CLUSTERS IN THE NORTH CENTRAL REGION



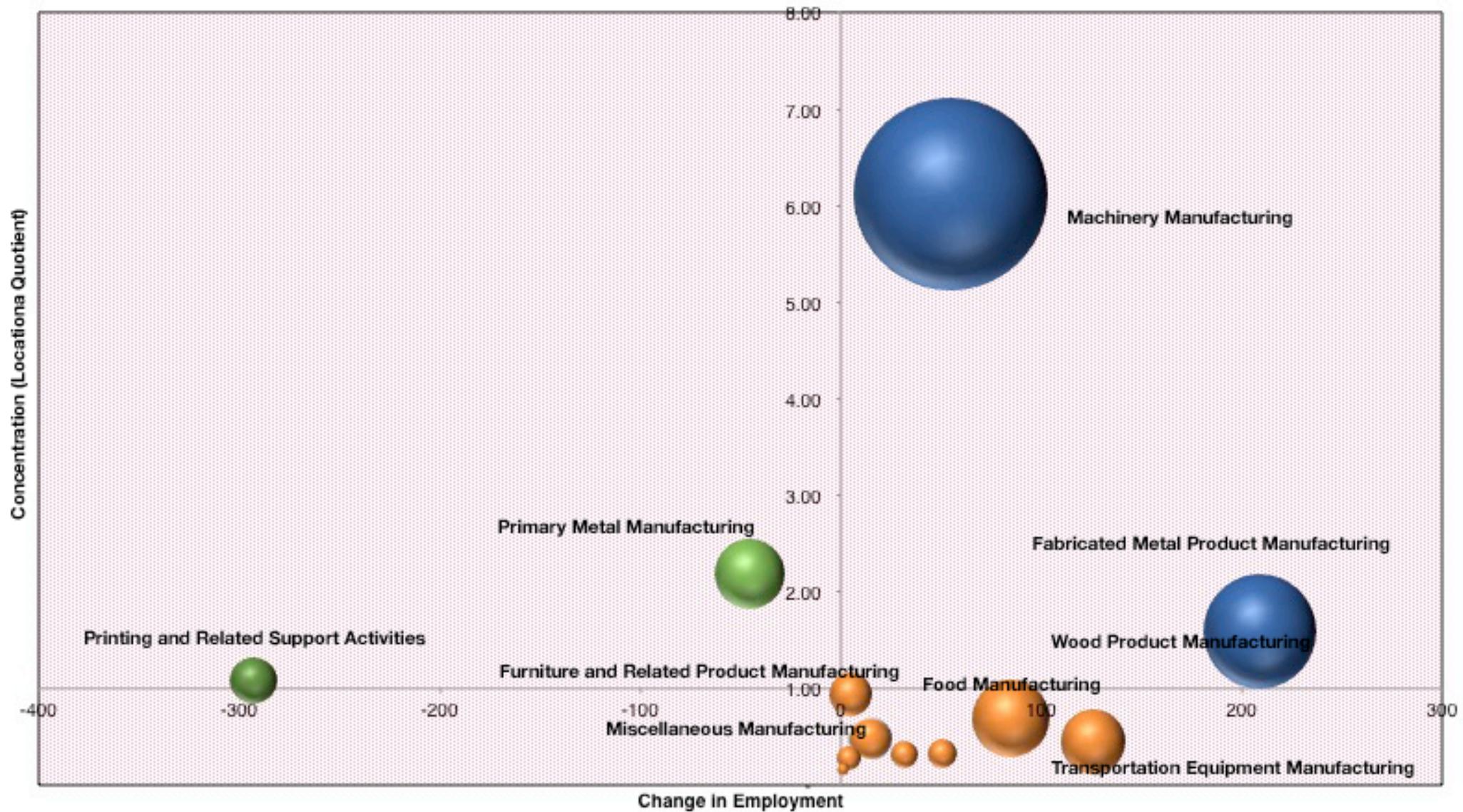
# MANUFACTURING

## LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
<b>311</b>	<b>Food Manufacturing</b>	<b>2,394</b>	<b>2,479</b>	<b>85</b>	<b>3.6%</b>	<b>0.69</b>	<b>Emerging</b>
312	Beverage and Tobacco Product Manufacturing	255	233	(22)	-8.6%	0.56	
<b>313</b>	<b>Textile Mills</b>	<b>47</b>	<b>48</b>	<b>1</b>	<b>2.1%</b>	<b>0.17</b>	<b>Emerging</b>
314	Textile Product Mills	86	86	-	0.0%	0.31	
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>254</b>	<b>286</b>	<b>32</b>	<b>12.6%</b>	<b>0.31</b>	<b>Emerging</b>
322	Paper Manufacturing	246	223	(23)	-9.3%	0.27	
<b>323</b>	<b>Printing and Related Support Activities</b>	<b>1,185</b>	<b>892</b>	<b>(293)</b>	<b>-24.7%</b>	<b>1.08</b>	<b>Maturing</b>
324	Petroleum and Coal Products Manufacturing	10	10	-	0.0%	0.04	
325	Chemical Manufacturing	1,254	1,217	(37)	-3.0%	0.67	
326	Plastics and Rubber Products Manufacturing	682	675	(7)	-1.0%	0.45	
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>279</b>	<b>330</b>	<b>51</b>	<b>18.3%</b>	<b>0.32</b>	<b>Emerging</b>
<b>331</b>	<b>Primary Metal Manufacturing</b>	<b>2,083</b>	<b>2,038</b>	<b>(45)</b>	<b>-2.2%</b>	<b>2.19</b>	<b>Maturing</b>
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>5,315</b>	<b>5,524</b>	<b>209</b>	<b>3.9%</b>	<b>1.59</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>15,958</b>	<b>16,013</b>	<b>55</b>	<b>0.3%</b>	<b>6.12</b>	<b>Leading</b>
334	Computer and Electronic Product Manufacturing	339	288	(51)	-15.0%	0.13	
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	<b>246</b>	<b>250</b>	<b>4</b>	<b>1.6%</b>	<b>0.28</b>	<b>Emerging</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>1,594</b>	<b>1,720</b>	<b>126</b>	<b>7.9%</b>	<b>0.45</b>	<b>Emerging</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>780</b>	<b>785</b>	<b>5</b>	<b>0.6%</b>	<b>0.94</b>	<b>Emerging</b>
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>669</b>	<b>684</b>	<b>15</b>	<b>2.2%</b>	<b>0.49</b>	<b>Emerging</b>

# MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION



# MANUFACTURING

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Employment in this Industry		
						Annual Occupation Openings in Industry	that is in this Occupation	
311	Food Manufacturing					1	6.6	0.8
325	Chemical Manufacturing					1	7.1	1.6
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	11-9051	Industrial Production Managers**	11	1	11	1.2
333	Machinery Manufacturing					1	6.8	1.1
334	Computer and Electronic Product Manufacturing					1	5.7	1
336	Transportation Equipment Manufacturing					1	8.9	1
333	Machinery Manufacturing	Manufacturing Production Process Development	11-9041	Engineering Managers**	18	1	4.1	0.8
334	Computer and Electronic Product Manufacturing					2	11.5	2.5
336	Transportation Equipment Manufacturing					1	6.5	0.9
325	Chemical Manufacturing	Logistics & Inventory Control	11-9199	Managers, All Other (incl. Logistics Analysts)**	206	1	0.4	0.5
334	Computer and Electronic Product Manufacturing					1	0.3	0.3
336	Transportation Equipment Manufacturing					1	0.4	0.2
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	13-1081	Logisticians**	13	1	10.6	1.1
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	13-1111	Management Analysts (incl. Logistics Analysts)**	72	1	0.9	0.5
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	62	2	3.5	2.8
336	Transportation Equipment Manufacturing					1	1.1	0.6
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	35	4	10.8	5.6
336	Transportation Equipment Manufacturing					1	3	1
325	Chemical Manufacturing					1	4.2	1.3
326	Plastics and Rubber Products Manufacturing					1	3.3	1.3
331	Primary Metal Manufacturing					1	1.6	1.1
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	33	2	5.6	0.9
333	Machinery Manufacturing					2	6.9	1.6
334	Computer and Electronic Product Manufacturing					4	12.2	3
335	Electrical Equipment, Appliance, and Component Manufacturing					1	2.5	1.8
336	Transportation Equipment Manufacturing					6	17.6	2.8
339	Miscellaneous Manufacturing					1	3.5	1.6
325	Chemical Manufacturing					1	1.7	0.6
332	Fabricated Metal Product Manufacturing					2	6.2	1.1
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	31	4	12.3	3.3
334	Computer and Electronic Product Manufacturing					2	6.3	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing					1	2	1.7
336	Transportation Equipment Manufacturing					4	11.9	2.2
325	Chemical Manufacturing					1	2.2	0.4
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)j**	27	1	3.2	0.4
334	Computer and Electronic Product Manufacturing					1	4.5	0.7
336	Transportation Equipment Manufacturing					2	6.1	0.6
333	Machinery Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Whlsale/Mfg, Tech/Sciprods**	35	1	1.7	0.7
334	Computer and Electronic Product Manufacturing					1	3.9	1.7
311	Food Manufacturing					1	1	1.1
312	Beverage and Tobacco Product Manufacturing					1	0.6	5.2
321	Wood Product Manufacturing					1	0.6	2.4
322	Paper Manufacturing					1	0.5	2.3
323	Printing and Related Support Activities					2	1.2	4.4
325	Chemical Manufacturing					1	0.7	1.4
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex-Tech/Scntic**	129	1	0.7	2
327	Nonmetallic Mineral Product Manufacturing					1	0.7	2.9
332	Fabricated Metal Product Manufacturing					3	2	2.1
333	Machinery Manufacturing					2	1.4	2.3
334	Computer and Electronic Product Manufacturing					1	0.6	0.9
336	Transportation Equipment Manufacturing					1	0.7	0.8
337	Furniture and Related Product Manufacturing					1	0.5	2.3
339	Miscellaneous Manufacturing					1	0.7	2.2
327	Nonmetallic Mineral Product Manufacturing	Logistics & Inventory Control	43-5032	Dispatchers**	24	1	2.2	1.2
325	Chemical Manufacturing					1	2.6	1.1
332	Fabricated Metal Product Manufacturing					1	4	0.8
333	Machinery Manufacturing	Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	21	1	3.4	1
334	Computer and Electronic Product Manufacturing					1	3.5	1.1
336	Transportation Equipment Manufacturing					1	5.8	1.2
311	Food Manufacturing					1	2.6	1.3
323	Printing and Related Support Activities					1	1.3	2.1
325	Chemical Manufacturing					1	1.9	1.8
326	Plastics and Rubber Products Manufacturing					1	1.7	2
332	Fabricated Metal Product Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	52	2	3.9	1.8
333	Machinery Manufacturing					1	2.5	1.7
334	Computer and Electronic Product Manufacturing					1	1.5	1.1
336	Transportation Equipment Manufacturing					1	2.5	1.2
339	Miscellaneous Manufacturing					1	1.5	2.1
311	Food Manufacturing					3	9.1	2.4
312	Beverage and Tobacco Product Manufacturing					1	1.7	3.5
321	Wood Product Manufacturing					1	1.5	1.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					2	5.3	2.7
326	Plastics and Rubber Products Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	3.4	2.1

327	Nonmetallic Mineral Product Manufacturing					1	1.7	1.6
331	Primary Metal Manufacturing					1	3.8	4
332	Fabricated Metal Product Manufacturing					2	4.5	1.1
333	Machinery Manufacturing					2	5	1.9
336	Transportation Equipment Manufacturing					2	4.9	1.3
311	Food Manufacturing					2	2.3	2.3
325	Chemical Manufacturing					1	1.2	2.4
326	Plastics and Rubber Products Manufacturing					1	0.9	2.3
331	Primary Metal Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	69	1	1.1	4.4
332	Fabricated Metal Product Manufacturing					1	1.4	1.4
333	Machinery Manufacturing					1	0.9	1.3
336	Transportation Equipment Manufacturing					1	1.2	1.2
311	Food Manufacturing					2	7.8	3.2
321	Wood Product Manufacturing					1	2.5	3.7
322	Paper Manufacturing					1	2.2	3.8
323	Printing and Related Support Activities					1	2.9	3.9
325	Chemical Manufacturing					1	4.9	3.9
326	Plastics and Rubber Products Manufacturing					1	4.5	4.4
327	Nonmetallic Mineral Product Manufacturing					1	2.3	3.3
331	Primary Metal Manufacturing	Production	51-1011	1st-Line Spwrs/Mgrs, Prod. & Operating Workers**	24	1	2.8	4.5
332	Fabricated Metal Product Manufacturing					3	11.1	4.3
333	Machinery Manufacturing					1	5.7	3.3
334	Computer and Electronic Product Manufacturing					1	3.1	1.9
336	Transportation Equipment Manufacturing					2	7.2	2.9
337	Furniture and Related Product Manufacturing					1	2.5	4.1
339	Miscellaneous Manufacturing					1	3.2	3.5
332	Fabricated Metal Product Manufacturing					7	49.1	2.8
333	Machinery Manufacturing	Production	51-2041	Structural Metal Fabricators & Fitters	14	2	12.7	1.1
336	Transportation Equipment Manufacturing					2	11.8	0.7
339	Miscellaneous Manufacturing					1	5.7	0.9
311	Food Manufacturing					3	2.5	1.9
321	Wood Product Manufacturing					3	3.3	9.1
322	Paper Manufacturing					1	0.6	1.9
325	Chemical Manufacturing					1	1.2	1.8
326	Plastics and Rubber Products Manufacturing					4	3.6	6.5
327	Nonmetallic Mineral Product Manufacturing					1	1.2	3.2
331	Primary Metal Manufacturing	Production	51-2092	Team Assemblers	104	1	0.7	2.2
332	Fabricated Metal Product Manufacturing					8	7.3	5.3
333	Machinery Manufacturing					10	10	10.7
334	Computer and Electronic Product Manufacturing					4	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					4	3.8	12.8
336	Transportation Equipment Manufacturing					21	20.3	15.1
337	Furniture and Related Product Manufacturing					3	3.3	9.9
339	Miscellaneous Manufacturing					6	5.6	11.6
336	Transportation Equipment Manufacturing	Production	51-2099	Assemblers & Fabricators, All Other**	10	2	16.8	3.5
339	Miscellaneous Manufacturing					1	5.1	3
326	Plastics and Rubber Products Manufacturing					1	4.5	1.2
331	Primary Metal Manufacturing					1	4	1.8
332	Fabricated Metal Product Manufacturing					13	39.3	4.2
333	Machinery Manufacturing	Production	51-4033	Grind/Polish Machine Tool Setters & Operators	12	6	18.4	2.9
336	Transportation Equipment Manufacturing					2	5	0.9
339	Miscellaneous Manufacturing					1	3.7	1.8
331	Primary Metal Manufacturing					6	18.2	2
332	Fabricated Metal Product Manufacturing					1	3.9	1.2
333	Machinery Manufacturing					1	1.2	2.1
336	Transportation Equipment Manufacturing	Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	5	38.8	1.6
339	Miscellaneous Manufacturing					2	17.6	1.1
331	Primary Metal Manufacturing					1	11.8	0.5
332	Fabricated Metal Product Manufacturing					1	6	0.7
333	Machinery Manufacturing	Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	1	4.6	0.4
336	Transportation Equipment Manufacturing					6	46	1
339	Miscellaneous Manufacturing					3	26.1	0.9
325	Chemical Manufacturing					1	9	0.2
326	Plastics and Rubber Products Manufacturing					1	0.7	0.4
327	Nonmetallic Mineral Product Manufacturing					1	1.5	1.1
331	Primary Metal Manufacturing					1	0.7	0.8
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	72	1	1.9	2.2
333	Machinery Manufacturing					25	35.1	10.2
334	Computer and Electronic Product Manufacturing					12	16.6	7
335	Electrical Equipment, Appliance, and Component Manufacturing					2	3	1.4
336	Transportation Equipment Manufacturing					1	1.6	2.2
339	Miscellaneous Manufacturing					9	12	3.6
331	Primary Metal Manufacturing					2	2.7	2.3
332	Fabricated Metal Product Manufacturing					1	1.9	2
333	Machinery Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	7	24.3	6.2
336	Transportation Equipment Manufacturing					4	13.2	4.9
332	Fabricated Metal Product Manufacturing					4	12.5	3.3
333	Machinery Manufacturing					3	29.1	1.2
336	Transportation Equipment Manufacturing	Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	11	2	20	1.3
311	Food Manufacturing					3	27	1.2
						2	6.6	2.2

325	Chemical Manufacturing				1	4.8	3.2	
326	Plastics and Rubber Products Manufacturing				2	5.6	4.7	
327	Nonmetallic Mineral Product Manufacturing				1	1.8	2.1	
331	Primary Metal Manufacturing	Manufacturing Production Process Development	51-9061	<b>Inspectors, Testers, Sorters &amp; Weighers</b>	29	1	2.3	3.2
332	Fabricated Metal Product Manufacturing					3	8.9	2.9
333	Machinery Manufacturing					1	4.7	2.3
334	Computer and Electronic Product Manufacturing					2	5.4	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing				1	2	3	
336	Transportation Equipment Manufacturing				3	10	3.4	
339	Miscellaneous Manufacturing				1	2.9	2.7	
311	Food Manufacturing				7	30.3	7.8	
312	Beverage and Tobacco Product Manufacturing	Production	51-9111	<b>Packaging &amp; Filling Machine Operators &amp; Tenders</b>	22	1	5.2	10.3
325	Chemical Manufacturing					3	11.8	6
326	Plastics and Rubber Products Manufacturing					1	3.6	2.2
311	Food Manufacturing				3	10.9	2	
321	Wood Product Manufacturing				1	1.7	1.1	
322	Paper Manufacturing				1	2.4	1.8	
325	Chemical Manufacturing				1	3.5	1.2	
326	Plastics and Rubber Products Manufacturing				1	2.4	1	
327	Nonmetallic Mineral Product Manufacturing	Production	51-9199	<b>Production Workers, All Other</b>	31	1	2.1	1.3
331	Primary Metal Manufacturing					1	1.7	1.2
332	Fabricated Metal Product Manufacturing					1	3.8	0.7
333	Machinery Manufacturing					1	2.9	0.7
336	Transportation Equipment Manufacturing				1	4.8	0.9	
339	Miscellaneous Manufacturing				1	2.8	1.4	

**MANUFACTURING**

**INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION**

Primary	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Opening in this Industry		2022 Percent of Employment in this Industry		2022 Percent of Employment in this Industry that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				1	2	1	2					
Manufacturing Production Process Development	11-3051	Industrial Production Managers**	11	1	1	7.1	1.6		\$76,941	Bachelor's degree	1 to 5 years	None
				1	1	6.8	1.1					
Manufacturing Production Process Development	11-9041	Engineering Managers**	18	1	1	4.1	0.8		\$152,189	Bachelor's degree	More than 5 years	None
				2	1	11.5	2.5					
Logistics & Inventory Control	11-9199	Managers, All Other (incl. Logistics Analysts)**	206	1	1	0.3	0.3		\$74,690	High school diploma or equivalent	1 to 5 years	None
				1	1	0.4	0.2					
Logistics & Inventory Control	13-1081	Logisticians**	13	1	1	10.6	1.1		\$63,968	Bachelor's degree	1 to 5 years	None
				1	1	0.9	0.5					
Logistics & Inventory Control	13-1111	Management Analysts (incl. Logistics Analysts)**	72	2	2	3.5	2.8		\$83,130	Bachelor's degree	1 to 5 years	None
				1	1	1.1	0.6					
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	62	1	1	1.1	0.6		\$82,872	Bachelor's degree	None	None
				4	10.8	5.6						
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	35	1	1	3	1		\$95,405	Bachelor's degree	None	None
				1	1	4.2	1.3					
Manufacturing Production Process Development	17-2112	Industrial Engineers**	33	1	1	3.3	1.3		\$77,672	Bachelor's degree	None	None
				1	1	1.6	1.1					
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	31	2	2	5.6	0.9			Bachelor's degree	None	None
				2	2	6.9	1.6					
Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	27	1	1	2.2	0.4		\$94,746	Bachelor's degree	None	None
				1	1	4.5	0.7					
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Tech/Scripps**	35	1	1	1.7	0.7		\$58,477	Bachelor's degree	None	Moderate-term on-the-job training
				1	1	3.9	1.7					
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg. Tech/Scripps**	119	1	1	0.7	2		\$48,924	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	2	1.4	2.1					
Logistics & Inventory Control	43-5032	Dispatchers**	24	1	1	2.2	1.2		\$40,436	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	2.6	1.1					
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	21	1	1	4	0.8		\$36,784	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	3.4	1					
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	52	1	1	1.7	2		\$28,212	High school diploma or equivalent	None	Short-term on-the-job training
				2	2	3.9	1.8					
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	1	3.4	2.1		\$56,622	High school diploma or equivalent	None	Long-term on-the-job training
				1	1	1.7	1.6					
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	69	1	1	1.1	4.4		\$35,064	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	1.4	1.4					
				1	1	0.9	1.3					
				2	5	1.9						
				2	2	4.9	1.3					
				2	2	2.3	2.3					
				1	1	1.2	2.4					
				1	1	0.9	2.3					
				1	1	1.1	4.4					
				1	1	1.2	1.2					
				2	2	7.8	3.2					
				1	1	2.5	3.7					
				1	1	2.2	3.8					
				1	1	2.2	3.8					

Production	51-1011	Lathe Spvr/Mgrs, Prod. & Operating Workers**	24	1	2.9	3.9	\$54,505	Postsecondary non-degree award	1 to 5 years	None
				1	4.9	4.4				
				1	2.3	3.3				
				1	2.8	4.5				
				3	11.1	4.3				
				1	5.7	3.3				
				1	3.1	1.9				
				2	7.2	2.9				
				1	2.5	4.1				
				1	3.2	3.5				
Production	51-2041	Structural Metal Fabricators & Fitters	14	7	49.1	2.8	\$41,225	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	12.7	1.1				
				2	11.8	0.7				
Production	51-2092	Team Assemblers	104	3	2.5	1.9	\$36,020	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	3.3	9.1				
				1	0.6	1.9				
				1	1.2	1.8				
				4	3.6	6.5				
				1	1.2	3.2				
				1	0.7	2.2				
				8	7.3	5.3				
				10	10	10.7				
				4	3.6	4.1				
Production	51-2099	Assemblers & Fabricators, All Other**	10	2	16.8	3.5	\$26,156	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.1	3				
				1	4.5	1.2				
Production	51-4011	Computer-Controlled Machine Tool Operators**	33	1	4	1.8	\$40,302	High school diploma or equivalent	None	Moderate-term on-the-job training
				13	39.3	4.2				
				6	18.4	2.9				
				2	5	0.9				
				1	3.7	1.8				
				6	18.2	2				
Production	51-4033	Grind/Polish Machine Tool Setters & Operators	12	1	1.2	2.1	\$36,860	High school diploma or equivalent	None	Moderate-term on-the-job training
				5	38.8	1.6				
				2	17.6	1.1				
				1	11.8	0.5				
				1	6	0.7				
Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	1	4.6	0.4	\$43,048	High school diploma or equivalent	None	Moderate-term on-the-job training
				6	46	1				
				3	26.1	0.9				
				1	9	0.2				
Production	51-4041	Machinists**	72	1	0.7	0.4	\$38,216	High school diploma or equivalent	None	Long-term on-the-job training
				1	1.5	1.1				
				1	0.7	0.8				
				1	1.9	2.2				
				25	35.1	10.2				
				12	16.6	7				
				2	3	1.4				
				1	1.6	2.2				
				9	12	3.6				
				2	2.7	2.3				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	1	1.9	2	\$38,003	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				7	24.3	6.2				
				4	13.2	4.9				
				4	12.5	3.3				
Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	11	3	29.1	1.2	\$37,184	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	20	1.3				
				3	27	1.2				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	29	2	6.6	2.2	\$36,995	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.8	3.2				
				2	5.6	4.7				
				1	1.8	2.1				
				1	2.3	3.2				
				3	8.9	2.9				
				1	4.7	2.3				
				2	5.4	2.8				
				1	2	3				
				3	10	3.4				
1	2.9	2.7								
Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	7	30.3	7.8	\$25,596	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.2	10.3				
				3	11.8	6				
Production	51-9199	Production Workers, All Other	31	3	10.9	2	\$51,148	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1.7	1.1				
				1	2.4	1.8				
				1	3.5	1.2				
				1	2.4	1				
				1	2.1	1.3				
1	1.7	1.2								
1	3.8	0.7								
1	2.9	0.7								
1	4.8	0.9								
1	2.8	1.4								

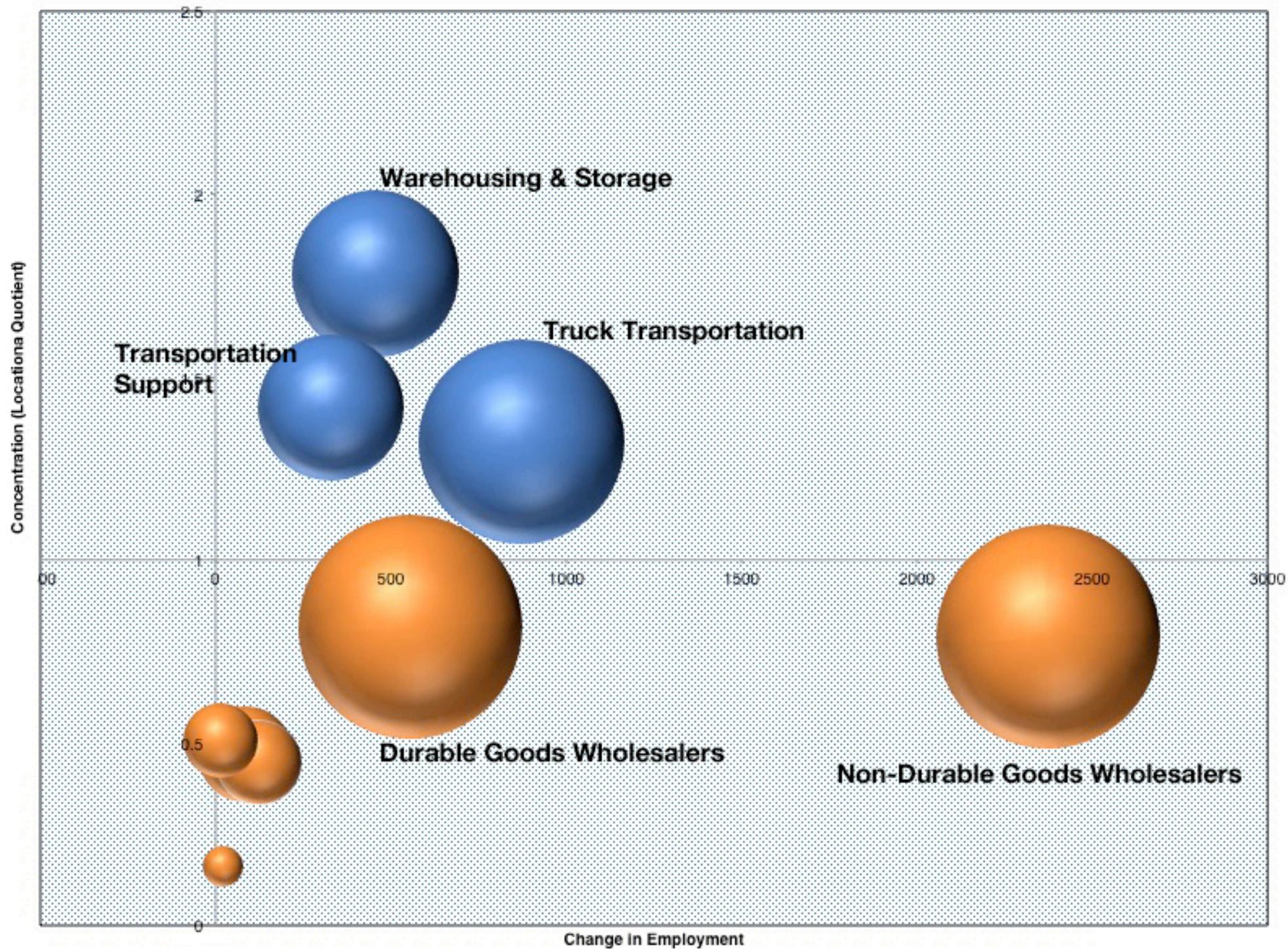
# TRANSPORTATION, DISTRIBUTION & LOGISTICS

## LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	5,470	6,025	555	10.1%	0.82	Emerging
424	Merchant Wholesalers, Nondurable Goods	3,666	6,041	2,375	64.8%	0.79	Emerging
425	Wholesale Electronic Markets and Agents and Brokers	975	1,061	86	8.8%	0.47	Emerging
481	Air Transportation	176	196	20	11.4%	0.16	Emerging
483	Water Transportation	-	-	-	0.0%	-	
484	Truck Transportation	4,216	5,088	872	20.7%	1.32	Leading
485	Transit and Ground Passenger Transportation	722	845	123	17.0%	0.45	Emerging
486	Pipeline Transportation	-	-	-	0.0%	-	
487	Scenic and Sightseeing Transportation	-	-	-	0.0%	-	
488	Support Activities for Transportation	2,199	2,526	327	14.9%	1.42	Leading
492	Couriers and Messengers	633	648	15	2.4%	0.51	Emerging
493	Warehousing and Storage	2,899	3,355	456	15.7%	1.78	Leading

# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION



**TRANSPORTATION, DISTRIBUTION & LOGISTICS  
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION**

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent	2022 Percent
							of Occupation	of Industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	11-3051	Purchasing Managers**	14	1	5.9	0.1
424	Merchant Wholesalers, Nondurable Goods					1	4.6	0.2
423	Merchant Wholesalers, Durable Goods					1	6.2	0.2
423	Merchant Wholesalers, Durable Goods					1	6.2	0.2
424	Merchant Wholesalers, Nondurable Goods					1	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods	Transportation Operations	11-3071	Transportation, Storage & Distribution Managers**	13	1	8.6	0.5
484	Truck Transportation					1	10.0	0.7
484	Truck Transportation					1	10.0	0.7
488	Support Activities for Transportation					1	5.2	0.8
488	Support Activities for Transportation					1	5.2	0.8
493	Warehousing and Storage	Warehousing and Distribution Center Operations	17-2112	Industrial Engineers (Supply Chain Engineer)	33	1	9.1	1.3
493	Warehousing and Storage					1	9.1	1.3
423	Merchant Wholesalers, Durable Goods					1	1.8	0.1
423	Merchant Wholesalers, Durable Goods					3	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					2	1.6	1.2
425	Wholesale Electronic Markets and Agents and Brokers	1	0.8	1.2				
481	Air Transportation	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	113	1	0.6	2.3
484	Truck Transportation					1	0.6	2.3
488	Support Activities for Transportation					1	1	2.3
492	Couriers and Messengers					1	0.6	2.1
493	Warehousing and Storage					1	0.7	1.3
481	Air Transportation	Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	19	1	9.5	2.1
481	Air Transportation					2	9.5	2.1
484	Truck Transportation					2	9.5	2.1
488	Support Activities for Transportation					2	8.3	0.5
488	Support Activities for Transportation					2	8.3	0.5
492	Couriers and Messengers	Transportation Operations	43-5032	Dispatchers**	24	12	63.6	8.4
492	Couriers and Messengers					12	63.6	8.4
492	Couriers and Messengers					1	7.6	1.4
492	Couriers and Messengers					1	7.6	1.4
423	Merchant Wholesalers, Durable Goods					1	2.9	0.2
484	Truck Transportation	4	17.9	2.6				
485	Transit and Ground Passenger Transportation	Warehousing and Distribution Center Operations	43-5051	Production, Planning, & Expediting Clerks**	21	2	7.8	3.2
488	Support Activities for Transportation					2	7.8	3.2
492	Couriers and Messengers					2	7.9	2.4
492	Couriers and Messengers					1	3.1	1.3
423	Merchant Wholesalers, Durable Goods					1	4	0.4
424	Merchant Wholesalers, Nondurable Goods	1	3.1	0.4				
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	49-3023	Automotive Service Technicians & Mechanics**	63	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods					1	0.8	0.9
423	Merchant Wholesalers, Durable Goods					2	10.6	1
423	Merchant Wholesalers, Durable Goods					3	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
484	Truck Transportation	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	16	3	18.6	3.5
484	Truck Transportation					3	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
423	Merchant Wholesalers, Durable Goods					2	8.6	0.5
423	Merchant Wholesalers, Durable Goods					2	9.9	0.9
424	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	24	2	9.9	0.9
424	Merchant Wholesalers, Durable Goods					2	9.9	0.9
424	Merchant Wholesalers, Durable Goods					1	4.9	0.6
484	Truck Transportation					1	3.5	0.9
488	Support Activities for Transportation					1	3.5	0.9
492	Couriers and Messengers	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	18	2	9.6	3.6
492	Couriers and Messengers					2	9.6	3.6
493	Warehousing and Storage					2	13.7	3.2
423	Merchant Wholesalers, Durable Goods					1	4.7	0.3
424	Merchant Wholesalers, Nondurable Goods					1	8.9	0.9
484	Truck Transportation	Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgrs, Trans. Machine Operators**	12	2	14.6	2.2
484	Truck Transportation					2	14.6	2.2
485	Transit and Ground Passenger Transportation					1	4.6	1.9
492	Couriers and Messengers					1	4.6	1.9
492	Couriers and Messengers					1	4.6	1.9
493	Warehousing and Storage	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity School Bus Drivers	11	1	4.7	1.3
493	Warehousing and Storage					1	4.7	1.3
485	Transit and Ground Passenger Transportation					5	42.3	15.1
485	Transit and Ground Passenger Transportation					8	41.2	41.1
423	Merchant Wholesalers, Durable Goods					4	3.2	2
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3022	Truck Drivers, Heavy & Tractor Trailer**	137	4	3.2	2
423	Merchant Wholesalers, Durable Goods					11	7.9	7.3
424	Merchant Wholesalers, Nondurable Goods					1	0.5	0.8
425	Wholesale Electronic Markets and Agents and Brokers					63	46.3	59.7
484	Truck Transportation					4	3.1	8.5
488	Support Activities for Transportation	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	2	1.5	5.6
492	Couriers and Messengers					3	2.2	5.3
423	Merchant Wholesalers, Durable Goods					5	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					4	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.8	1.4
484	Truck Transportation	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	3	6.1	3.6
488	Support Activities for Transportation					3	6.1	3.6
492	Couriers and Messengers					1	1.2	1.5
492	Couriers and Messengers					10	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION										
NAWS	SOC Code	SOC Title	Average Annual Occupations (2020 Percent)	Annual Occupational Entry	2022 Percent of Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level	
Logistics Planning and Management Services	11-3001	Purchasing Managers**	14	1	5.9	0.1	\$12,541	Bachelor's degree	More than 5 year	None
				1	4.6	0.2				
Transportation Operators	11-3071	Transportation, Storage & Distribution Managers**	13	1	10	0.7	\$86,176	High school diploma or equivalent	More than 5 year	None
				1	5.2	0.8				
				1	5.2	0.8				
				1	9.1	1.3				
				1	9.1	1.3				
				1	1.8	0.1	\$77,672	Bachelor's degree	None	None
				3	2.5	1.3				
				2	1.6	1.2				
				1	0.8	1.2				
				1	0.6	2.3				
Logistics Planning and Management Services	43-1011	1st-Line Supvr's/Mgr's Office & Adm. Support Wkr's**	113	1	0.6	0.6	\$44,676	High school diploma or equivalent	1 to 5 years	None
				1	1	2.3				
				1	0.4	2.1				
				1	0.2	1.9				
				2	9.5	2.1				
				2	9.5	2.1				
				2	8.3	0.5	\$59,404	High school diploma or equivalent	None	Short term on-the-job training
				2	8.3	0.5				
				12	63.6	8.4				
				1	7.6	1.4				
Health, Safety and Environmental Management	43-5011	Carg. & Freight Agents (House Planner)	19	1	2.9	0.2	\$59,404	High school diploma or equivalent	None	Short term on-the-job training
				1	7.6	1.4				
Transportation Operators	43-5032	Dispatchers**	24	4	17.9	2.6	\$40,436	High school diploma or equivalent	None	Moderate term-on-the-job training
				2	7.8	3.2				
Warehouse and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerk**	21	1	4	0.4	\$38,784	High school diploma or equivalent	None	Moderate term-on-the-job training
				1	3.1	0.4				
Warehouse and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerk**	52	4	7.8	2.7	\$28,242	High school diploma or equivalent	None	Short term on-the-job training
				1	1.8	1.8				
				3	5	7.2				
				2	4.7	4.1				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	63	1	1.7	0.4	\$50,549	High school diploma or equivalent	None	Long term on-the-job training
				1	0.8	0.9				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	16	2	10.6	1	\$38,685	High school diploma or equivalent	None	Long term on-the-job training
				3	18.6	3.5				
Warehouse and Distribution Center Operations	53-1011	1st-Line Supvr's/Mgr's Prod/Operating Wkr's**	24	1	2.7	0.5	\$54,505	Postsecondary non-degree award	1 to 5 years	None
				2	8.6	0.5				
Warehouse and Distribution Center Operations	53-1021	1st-Line Supvr's/Mgr's Hdqtr. & Labors	18	2	9.9	0.9	\$43,326	High school diploma or equivalent	1 to 5 years	None
				1	4.9	0.6				
				1	3.5	0.9				
				2	9.6	3.6				
Warehousing and Distribution Center Operations	53-1031	1st-Line Supvr's/Mgr's Trans. Machine Operators**	12	2	13.7	3.2	\$55,706	High school diploma or equivalent	1 to 5 years	None
				1	4.7	0.3				
				1	8.9	0.9				
				2	14.6	2.2				
				1	4.6	1.9				
				1	4.6	2				
				1	4.7	1.3				
				3	12.1	1.1	\$40,330	High school diploma or equivalent	None	Moderate term-on-the-job training
				8	41.2	41.1	\$29,815	High school diploma or equivalent	None	Moderate term-on-the-job training
				4	3.2	2				
Transportation Operators	53-3032	School Bus Drivers	20	11	7.9	7.3	\$37,267	High school diploma or equivalent	1 to 5 years	Short term on-the-job training
				1	0.5	0.8				
				63	46.3	59.7				
				4	3.1	8.5				
				2	1.5	5.6				
Transportation Operators	53-3033	Truck Drivers, Light & Delivery Services	56	5	8.4	2.5	\$39,975	High school diploma or equivalent	None	Short term on-the-job training
				4	7.6	3.2				
				1	1.8	1.4				
				3	6.1	3.6				
				1	1.2	1.5				
	10	17.1	30.5							
	1	1.9	2.1							

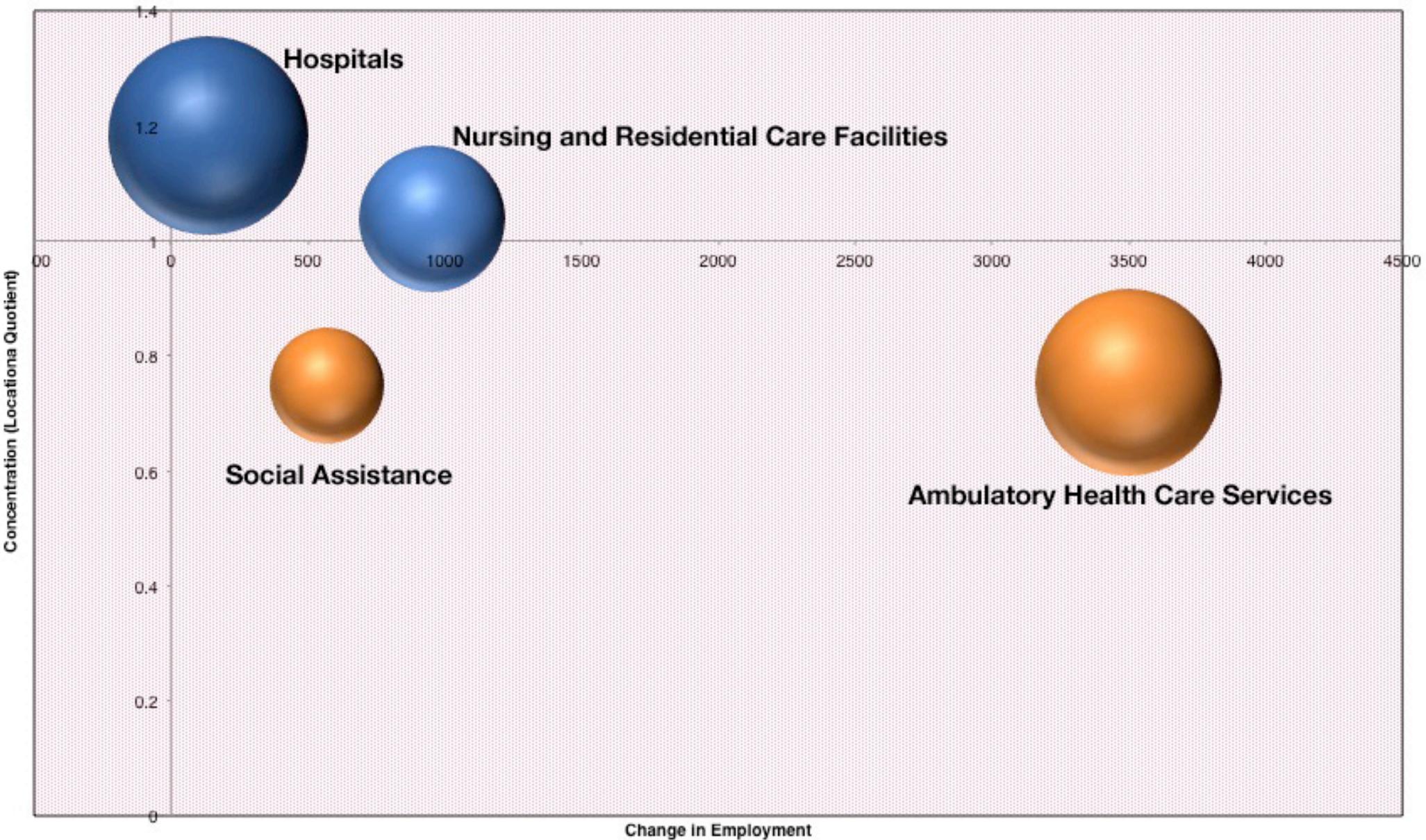
# HEALTH CARE

## LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	11,491	14,993	3,502	30.5%	0.75	Emerging
622	Hospitals	16,955	17,091	136	0.8%	1.18	Leading
623	Nursing and Residential Care Facilities	8,380	9,334	954	11.4%	1.04	Leading
624	Social Assistance	5,006	5,576	570	11.4%	0.75	Emerging

# HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION



# HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Opening in Industry	2022 Percent of Employment that is in this Occupation	
							Industry	Occupation
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	33	2	5.9	0.2
622	Hospitals					1	2.5	0.3
623	Nursing and Residential Care Facilities					1	1.7	0.2
624	Social Assistance					9	30	1.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	31	11	36.4	2.1
622	Hospitals					3	10.8	1.1
623	Nursing and Residential Care Facilities					1	1.9	0.2
624	Social Assistance					3	30.4	0.6
622	Hospitals	Support Services	21-1014	Mental Health Counselors**	10	1	10	0.3
623	Nursing and Residential Care Facilities					2	17.6	0.7
624	Social Assistance					2	20.1	0.9
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	18	1	3.1	0.2
622	Hospitals					3	17.1	2
623	Nursing and Residential Care Facilities					7	40.7	5.1
624	Social Assistance					1	4.2	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	19	5	25.3	1.3
622	Hospitals					13	56.3	1.8
622	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	23	6	25	1
623	Hospitals					2	6.7	0.5
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1127	Speech-Language Pathologists	10	3	28.4	0.5
621	Ambulatory Health Care Services					1	13.6	0.3
622	Hospitals					40	20.1	7.4
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	199	118	59.2	28.9
622	Hospitals					14	7	5.8
624	Social Assistance					2	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	10	6	62	1
622	Hospitals					3	25.4	0.6
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	16	7	44.3	1.1
622	Hospitals					7	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	12	12	97.4	2.8
622	Hospitals					4	36.7	1
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	7	56.9	2.1
622	Hospitals					25	55	1.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	46	7	15.2	0.7
622	Hospitals					1	3.5	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	17	3	16.2	1
622	Hospitals					16	28.9	3
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	54	9	16.3	2.3
622	Hospitals					21	39.1	9.1
623	Nursing and Residential Care Facilities					1	1.4	0.4
624	Social Assistance					7	35.4	0.9
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	19	7	37.6	1.3
622	Hospitals					2	8.9	0.5
623	Nursing and Residential Care Facilities					9	9	1.8
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	103	25	24.4	6.6
622	Hospitals					56	53.9	24.4
623	Nursing and Residential Care Facilities					2	1.9	1
624	Social Assistance					13	95.4	4.1
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	14	37	79.7	6.6
622	Hospitals					6	12.4	1.4
623	Nursing and Residential Care Facilities	Health Informatics	31-9092	Medical Assistants	47	1	2	0.4
624	Social Assistance					5	22.5	0.3
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	22	7	33.9	0.6
622	Hospitals					2	8.5	0.3
623	Nursing and Residential Care Facilities					1	1.2	0.2
622	Hospitals	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv**	71	1	1.2	0.2
623	Nursing and Residential Care Facilities					2	2.7	0.7
624	Social Assistance					2	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	51	6	11.8	0.6
622	Hospitals					2	4.6	0.3
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	73	30	40.6	5.3
622	Hospitals					3	3.7	0.6
623	Nursing and Residential Care Facilities					2	2.9	0.8
624	Social Assistance					1	2	0.6

HEALTH CARE												
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION												
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in that Industry	2022 Percent of Occupation in this Industry	2022 Percent of Employment in this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level		
Health Informatics	11-3011	Administrative Services Managers **	33	2	5.9	0.2	\$58,479	High school diploma or equivalent	1 to 5 years	None		
				2	6	0.3						
				1	2.5	0.2						
Health Informatics	11-9111	Medical & Health Services Managers	31	1	1.7	0.2	\$101,541	Bachelor's degree	None	None		
				9	30	1.3						
				11	36.4	2.1						
Support Services	21-1014	Mental Health Counselors**	10	1	1.0	0.3	\$36,187	Master's degree	None	Internship/residency		
				2	17.6	0.7						
				2	20.1	0.9						
Support Services	21-1093	Social & Human Services Assistants**	18	1	8	0.4	\$24,155	High school diploma or equivalent	None	Short-term on-the-job training		
				1	3.1	0.2						
				3	17.1	2						
Therapeutic Services	29-1051	Pharmacists	19	1	4.2	0.2	\$12,144.2	Doctoral or professional degree	None	None		
				5	25.3	1.3						
				13	56.3	1.8						
Therapeutic Services	29-1123	Physical Therapist	23	6	25	1	\$78,136	Doctoral or professional degree	None	None		
				2	6.7	0.5						
				3	28.4	0.5						
Therapeutic Services	29-1127	Speech-Language Pathologists	10	1	13.6	0.3	\$59,919	Master's degree	None	None		
				40	20.1	7.4						
				18	59.2	28.9						
Therapeutic Services	29-1141	Registered Nurses	199	14	7	5.8	\$55,636	Associate's or Bachelor's degree	None	None		
				2	0.9	0.8						
				6	62	1						
Therapeutic Services	29-1171	Nurse Practitioners	10	3	25.4	0.6	\$88,355	Master's degree	None	None		
				7	44.3	1.1						
				7	41.4	1.3						
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	16	7	41.4	1.3	\$37,645	Associate's degree	None	None		
				12	97.4	2.8						
				4	36.7	1						
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	7	56.9	2.1	\$55,377	Associate's degree	None	None		
				25	55	1.8						
				7	15.2	0.7						
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	46	7	15.2	0.7	\$23,541	Postsecondary non-degree award	None	None		
				1	3.5	0.2						
				1	1.4	0.4						
Therapeutic Services	29-2052	Pharmacy Technicians	17	3	16.2	1	\$25,814	High school diploma or equivalent	None	Moderate-term on-the-job training		
				16	28.9	3						
				9	16.3	2.3						
Therapeutic Services	29-2061	Licensed Practical Nurses	54	21	39.1	9.1	\$44,180	Postsecondary non-degree award	None	None		
				1	1.4	0.4						
				7	35.4	0.9						
Health Informatics	29-2071	Med Records & Health Info Technicians	19	7	37.6	1.3	\$30,999	Postsecondary non-degree award	None	None		
				2	8.9	0.5						
				9	9	1.8						
Therapeutic Services	31-1014	Nursing Assistants	103	25	24.4	6.6	\$22,907	Postsecondary non-degree award	None	None		
				56	53.9	24.4						
				2	1.9	1						
Therapeutic Services	31-9091	Dental Assistants	14	13	95.4	4.1	\$32,890	Postsecondary non-degree award	None	None		
				37	79.7	6.6						
				6	12.4	1.4						
Health Informatics	31-9092	Medical Assistants	47	1	2	0.4	\$31,045	High school diploma or equivalent	None	Moderate-term on-the-job training		
				5	22.5	0.3						
				7	33.9	0.6						
Health Informatics	31-9099	Healthcare Support Workers, All Other	22	2	8.5	0.3	\$31,055	High school diploma or equivalent	None	Short-term on-the-job training		
				1	1.2	0.2						
				1	1.2	0.2						
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	71	2	2.7	0.7	\$26,894	High school diploma or equivalent	1 to 5 years	None		
				2	2.7	0.7						
				6	11.8	0.6						
Health Informatics	43-3011	Bill and Account Collectors**	51	2	4.6	0.3	\$35,817	High school diploma or equivalent	None	Moderate-term on-the-job training		
				30	40.6	5.3						
				3	3.7	0.6						
Health Informatics	43-4171	Receptionists & Information Clerks **	73	2	2.9	0.8	\$25,197	High school diploma or equivalent	None	Short-term on-the-job training		
				3	3.7	0.6						
				1	2	0.6						

**INFORMATION TECHNOLOGY  
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION**

SOC Code	SOC Title	Average Annual Employment	NAICS	DESCRIPTION	Annual Occupational Percent of Industry	
					2017	2022 Percent of occupation
15-1121	Computer Systems Analysts	75	522	Credit intermediation and related activities	3	4.1
			524	Insurance carriers and related activities	6	8.2
			551	Management of companies and enterprises	5	7.3
			611	Educational services, state, local, and private	3	4.5
			5241	Insurance carriers	6	7.4
			5415	Computer systems design and related services	22	28.9
15-1122	Information Security Analysts	7	5416	Management, scientific, and technical consulting services	3	3.9
			9992	State government, excluding education and hospitals	1	3.6
			522	Credit intermediation and related activities	1	8.3
			523	Securities, commodity contracts, and other financial investments and	0	4.4
			524	Insurance carriers and related activities	0	3.9
			551	Management of companies and enterprises	0	6.7
			5221	Depository credit intermediation	0	5.9
			5231	Securities and commodity contracts intermediation and brokerage	0	3.8
			5415	Computer systems design and related services	2	32.1
			5416	Management, scientific, and technical consulting services	0	6.3
15-1131	Computer Programmers	38	524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
			5112	Software publishers	2	5.4
			5415	Computer systems design and related services	15	40.6
			5613	Employment services	1	3.9
			334	Computer and electronic product manufacturing	2	3.5
15-1132	Software Developers, Applications	62	524	Insurance carriers and related activities	3	5.2
			551	Management of companies and enterprises	3	4.3
			5112	Software publishers	5	8.0
			5241	Insurance carriers	3	4.4
			5415	Computer systems design and related services	24	38.9
			5416	Management, scientific, and technical consulting services	3	4.1
15-1133	Software Developers, Systems Software	35	334	Computer and electronic product manufacturing	4	10.8
			423	Merchant wholesalers, durable goods	1	3.7
			5112	Software publishers	2	6.9
			5413	Architectural, engineering, and related services	2	4.5
			5415	Computer systems design and related services	13	37.8
			5416	Management, scientific, and technical consulting services	2	4.9
15-1134	Web Developers	6	5417	Scientific research and development services	1	3.5
			519	Other information services	0	5.7
			611	Educational services, state, local, and private	0	5.2
			813	Religious, grantmaking, civic, professional, and similar organizations	0	4.8
			5415	Computer systems design and related services	1	19.1
			5416	Management, scientific, and technical consulting services	0	4.1
			522	Credit intermediation and related activities	1	3.9
			524	Insurance carriers and related activities	1	6.7
			551	Management of companies and enterprises	1	6.6
			611	Educational services, state, local, and private	1	8.8
15-1141	Database Administrators	13	5241	Insurance carriers	1	5.4
			5415	Computer systems design and related services	3	20.4
			5416	Management, scientific, and technical consulting services	1	4.4
			517	Telecommunications	1	3.9
			524	Insurance carriers and related activities	1	4.4
			551	Management of companies and enterprises	1	5.2
15-1142	Network & Computer Sys. Administrators	26	611	Educational services, state, local, and private	3	10.4
			5415	Computer systems design and related services	5	18.8
			5416	Management, scientific, and technical consulting services	1	3.5
			517	Telecommunications	1	9.4
			518	Data processing, hosting and related services	0	3.9
			524	Insurance carriers and related activities	0	5.1
15-1143	Computer Network Architects	9	551	Management of companies and enterprises	0	4.9
			611	Educational services, state, local, and private	0	3.9
			5171	Wired telecommunications carriers	1	6.6
			5241	Insurance carriers	0	4.6
			5413	Architectural, engineering, and related services	0	3.5
			5415	Computer systems design and related services	3	31.8
			5416	Management, scientific, and technical consulting services	0	5.0
			423	Merchant wholesalers, durable goods	3	5.2
			551	Management of companies and enterprises	2	4.4
15-1151	Computer User Support Specialists	54	611	Educational services, state, local, and private	7	12.7
			5112	Software publishers	2	4.3
			5415	Computer systems design and related services	13	24.6
			5613	Employment services	2	3.6
			423	Merchant wholesalers, durable goods	0	4.3
			517	Telecommunications	1	7.3
15-1152	Computer Network Support Specialists	7	551	Management of companies and enterprises	0	4.8
			611	Educational services, state, local, and private	0	7.0
			622	Hospitals, state, local, and private	0	3.7
			5171	Wired telecommunications carriers	0	5.1
			5415	Computer systems design and related services	2	25.2

# MANUFACTURING

## NORTH CENTRAL REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
<b>Machinists** Computer-Controlled Machine Tool Operators**</b>	48.0501	Machine Tool Technology			
	Community Colleges	IL Central College	1	1-2 Yr-Cert	
	48.0503	Mach Shop Technology			
	Community Colleges	IL Central College	12	< 1 Yr-Cert	
<b>Team Assemblers</b>	No Related Program of Study for This Occupation				
<b>Industrial Engineers**</b>	14.3501	Industrial Engineering			
	Universities	Bradley University	23	Bachelor	IL State University
	14.3601	Manufacturing Engineering			
	Universities	Bradley University	3	Masters	
			14	Bachelor	
			7	Masters	
	15.1503	Packaging Science			No Programs in this EDR

Notes: \*\* denotes occupations which occur in multiple clusters/pathways

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

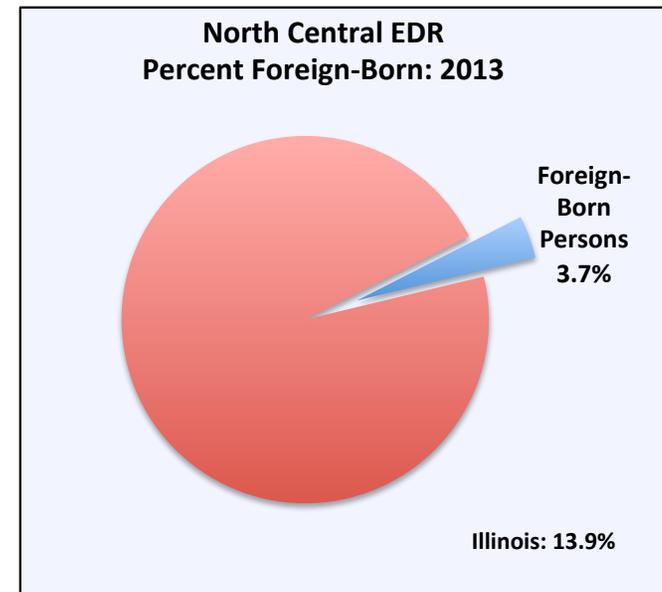
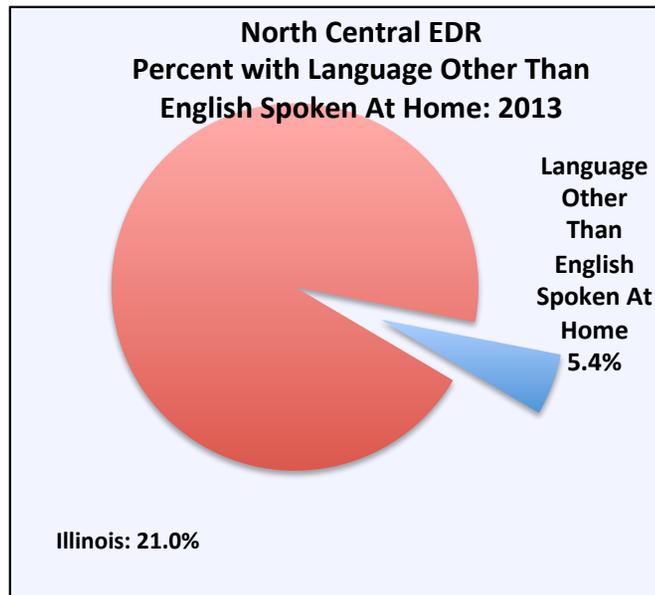
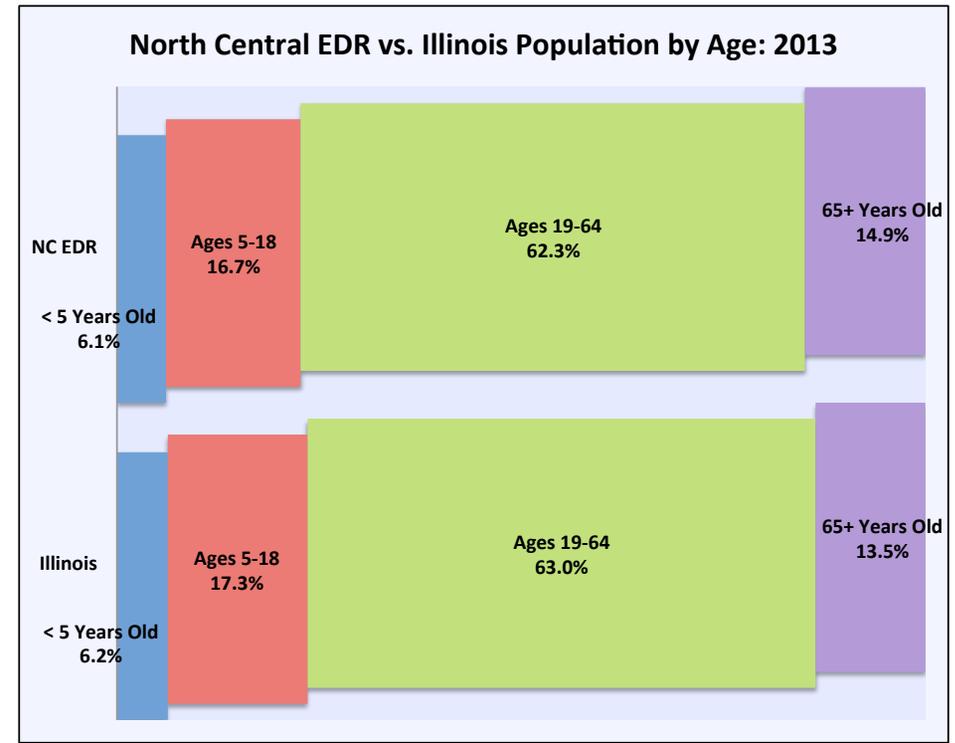
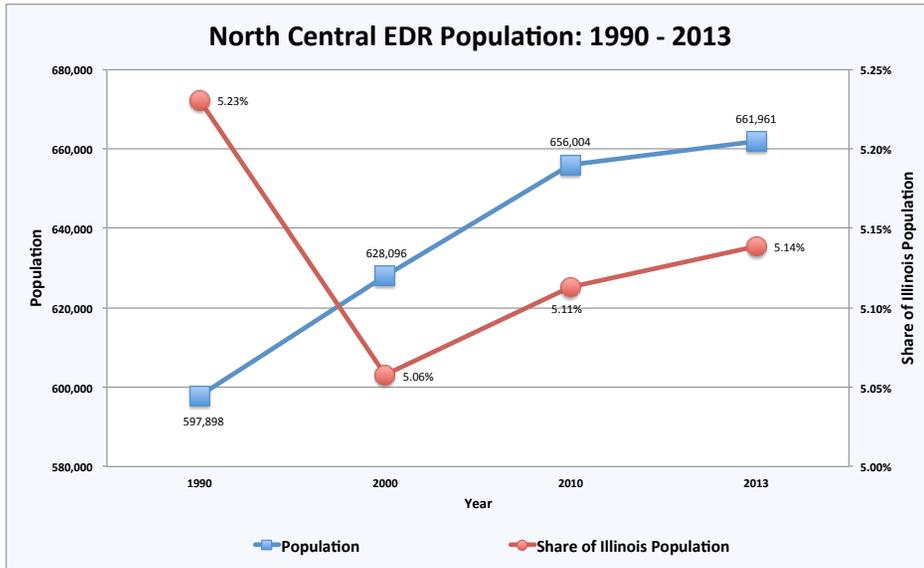
**NORTH CENTRAL REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES**

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
<b>Truck Drivers, Heavy &amp; Tractor Trailer** Truck Drivers, Light &amp; Delivery Services</b>	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
	Community Colleges	Spoon River College	35	< 1 Yr Cert	Heartland CC Il. Central College Rock Gate Capital Spoon River College
<b>Cargo &amp; Freight Agents (Route Planners)</b>	52.0408	<b>General Office Occupations</b>			
	Community Colleges	Il. Central College	3	< 1 Yr Cert	
	Other Colleges	Midstate College	9	1-2 Yr Cert	
	52.0410	Traffic, Customs, Transp Clerk		No Programs in this EDR	
<b>Shipping, Receiving, &amp; Traffic Clerks**</b>	No Related Program of Study for This Occupation				

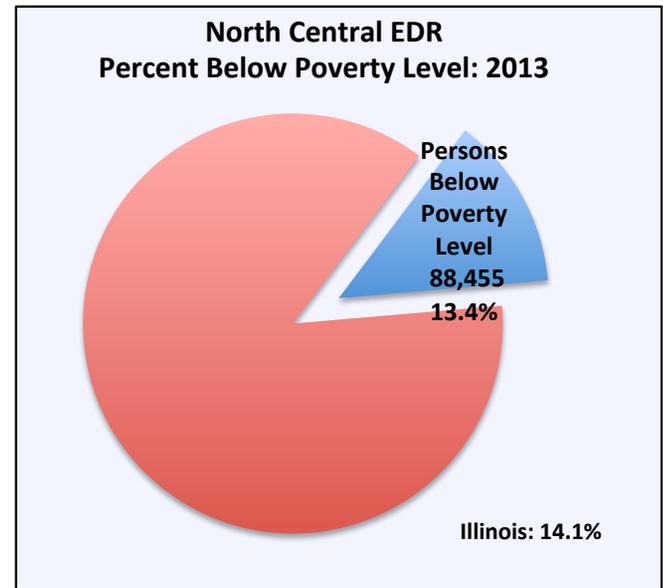
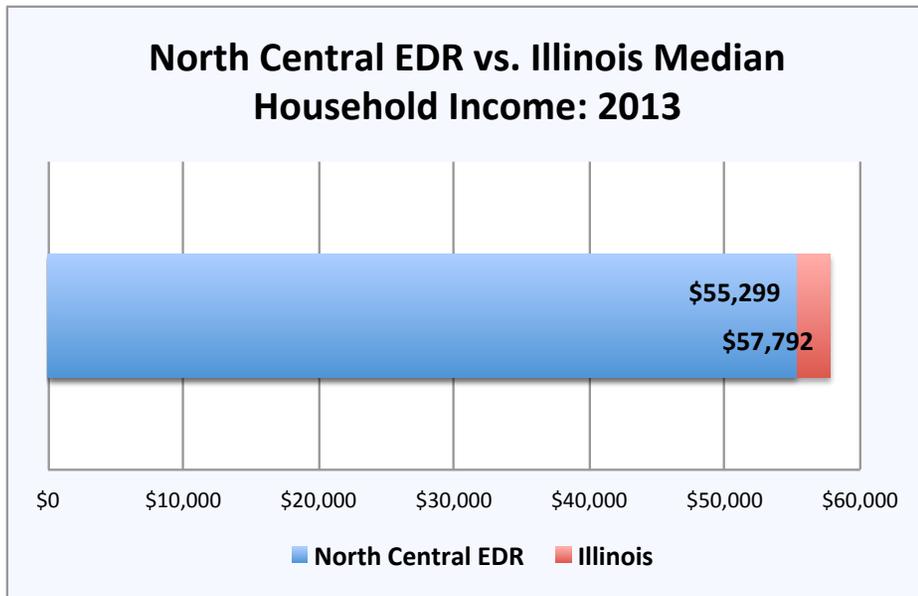
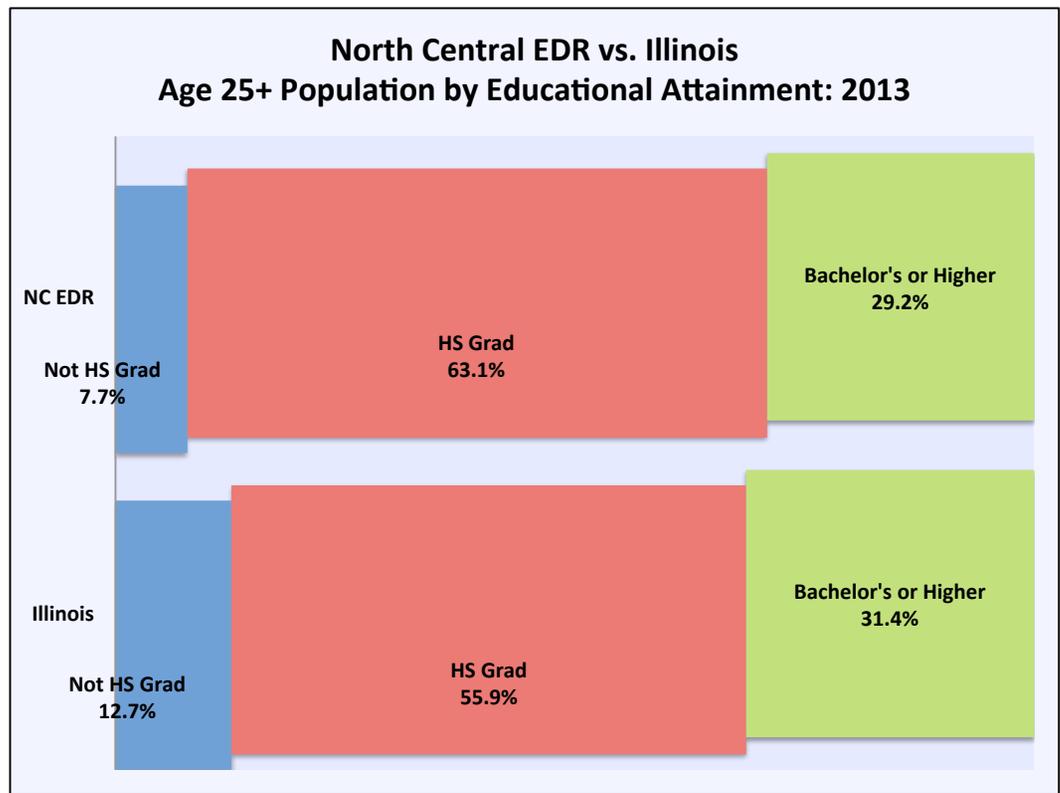
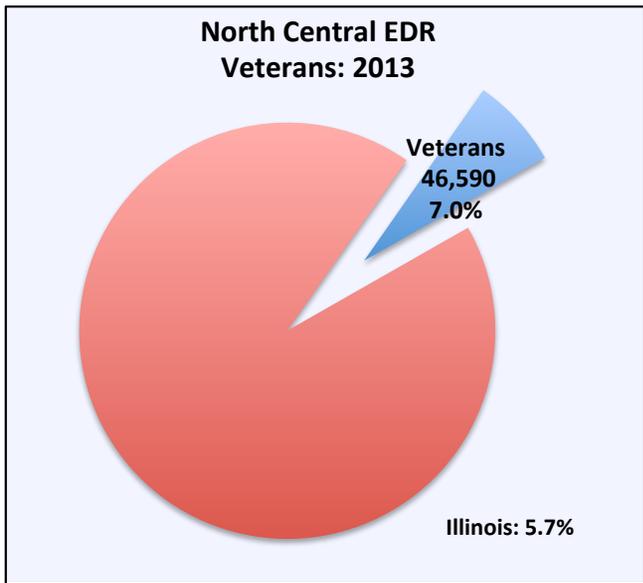
**HEALTH CARE**  
**NORTH CENTRAL REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES**

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers		
Registered Nurses	51.3801	Registered Nursing					
		Community Colleges	Heartland CC	27	Associate	Graham Hospital School of Nursing Illinois Central College Methodist Medical Ctr Coll of Nursing St. Francis Medical Ctr Spoon River College	
			IL Central College	70	Associate		
			Spoon River College	28	Associate		
			Bradley University	75	Bachelor		
			Bradley University	0	Masters		
			IL State University	167	Bachelor		
			IL State University	23	Masters		
			Methodist College	125	Bachelor		
			Methodist College	188	Bachelor		
			St. Francis Med Ctr/Coll of Nursing	52	Masters		
			St. Francis Med Ctr/Coll of Nursing	6	Post Masters Cert		
		Related Programs	Bradley University				
			51.3802	Nursing Administration	3		Bachelor
			51.3817	Nursing Education	0		Bachelor
			51.3802	Nursing Administration	2		Masters
			51.3804	Nurse Anesthetist	0		Masters
	51.3817	Nursing Education	0	Masters			
		St. Francis Med Ctr/Coll of Nursing					
	51.3818	Nursing Practice	4	Dr Prof Practice			
		IL State University					
	51.3805	Family Practice Nurse/Nursing	2	Post Masters Cert			
	51.3808	Nursing Science	5	Dr Research			
	51.3818	Nursing Practice	0	Dr Prof Practice			
Nursing Assistants	51.3902	Nurse Aide					
	Community Colleges	IL Central College	262	<1 Yr Cert	Livingston Area Vocational Center		
		Spoon River College	34	<1 Yr Cert	Spoon River College		
Licensed Practical Nurses	51.0712	Medical Reception		No Programs in this EDR			
	51.3901	Licensed Practical Nursing					
	Community Colleges	IL Central College	23	1-2 Yr Cert	Illinois Central College		
		Spoon River College	14	1-2 Yr Cert			
	51.0710	Med Office Assn/Specialist		No Programs in this EDR	Heartland CC		
					IL Central College		
	51.0712	Medical Reception/Receptionist:		No Programs in this EDR			
	51.0713	Medical Insurance Coding Specialist/Coder		No Programs in this EDR			
	Community Colleges	Heartland CC	3	1-2 Yr Cert			
		IL Central College	5	<1 Yr Cert			
Medical Assistants		Spoon River College	5	<1 Yr Cert			
	51.0716	Med Admin/Spec Assistan & Med Secretary		No Programs in this EDR			
	51.0801	Med/Clinical Assistant		No Programs in this EDR			
	51.0809	Anesthesiologic Asst		No Programs in this EDR			
	51.0813	Chiropractic Asst/Technician		No Programs in this EDR			
Emergency Medical Techs & Paramedics	51.0904	EMT Tech/EMT Paramedic					
		Spoon River College	16	<1 Yr Cert			
		Heartland CC	2	1-2 Yr Cert			
		IL Central College	3	Associate			

Notes: \*\* denotes occupations which occur in multiple clusters/pathways



Source for all information on this Page: US Census Bureau Annual County Resident Population Estimates for 2013



Source for all Information on this Page: US Census Bureau Annual County Resident Population Estimates for 2013

North Central Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Career and Technical Education Degree and Certificate Graduates					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
540	Heartland	86	24	31	141
514	Illinois Central	471	134	460	1,065
534	Spoon River	66	33	113	212
North Central Total		623	191	604	1,418
State Total		11,555	6,876	28,142	46,573
% of State Total		5.4%	2.8%	2.1%	3.0%

### Illinois Community College System

More detailed curriculum-level data about Illinois Community College System students and graduates are available through the ICCB Databook (Table III-3 and Table III-9).

ICCB Databook - <http://iccbdsrv.iccb.org/databook/home.cfm>

Source of Data: ICCB Centralized Data System

North Central Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Transfer and General Studies Degree and Certificate Graduates										
Dist. No.	College	Associate in Arts	Associate in Science	Associate in Arts and Science	Associate of Arts in Teaching	Associate in Engineering Science	Associate in Fine Arts	Associate in Liberal Studies & General Ed	Gen Studies Certificates	Total
540	Heartland	465	142	0	0	7	0	0	0	614
514	Illinois Central	182	475	17	0	30	0	117	0	821
534	Spoon River	0	0	149	0	0	0	27	0	176
North Central Total		647	617	166	0	37	0	144	0	1,611
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		5.6%	8.9%	25.9%	0.0%	17.1%	0.0%	3.9%	0.0%	6.9%

North Central Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount Enrollment by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
540	Heartland	6,475	1,069	937	331	194	493	0	0	9,499	14279
514	Illinois Central	9,255	12	3,484	472	212	130	55	2,465	16,085	8115
534	Spoon River	1,600	680	486	141	38	31	0	249	3,225	986
North Central Total		17,330	1,761	4,907	944	444	654	55	2,714	28,809	23,380
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	187,083
% of State Total		6.0%	2.5%	2.8%	3.4%	3.9%	1.8%	2.0%	5.4%	4.4%	12.5%

\*ABE = Adult Basic Education; ASE = Adult Secondary Education; ESL = English-as-a-Second Language.

\*\* Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

**North Central** Economic Development Region - Illinois Community College System  
Fiscal Year 2014 Summary of **Graduates** by **Career Cluster**

Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
540	Heartland	0	8	14	15	465	0	0	44	0	15	16	6	18	0	149	0	0	750
514	Illinois Central	53	46	8	63	810	6	0	547	33	42	84	42	71	2	30	48	0	1,885
534	Spoon River	26	0	0	0	176	0	0	134	0	2	2	0	13	0	0	35	0	388
North Central Total		79	54	22	78	1,451	6	0	725	33	59	102	48	102	2	179	83	0	3,023
State Total		935	2,893	815	3,098	16,744	27	0	18,294	1,729	2,109	2,396	2,918	2,799	331	6,691	5,964	18	67,761
% of State Total		8.4%	1.9%	2.7%	2.5%	8.7%	22.2%	0.0%	4.0%	1.9%	2.8%	4.3%	1.6%	3.6%	0.6%	2.7%	1.4%	0.0%	4.5%

\*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

## NORTH CENTRAL REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	326,539
	Employed	304,463
	Unemployed	22,076
TANF	Rate	6.8
	Annual 2014	68,774
	Monthly Average	5,731
	Corrections	7,411
Persons with Disabilities	Mental Disabilities	116
	Adults with Disabilities	44,428
Public Aid	Public Aid Recipients	135,723
	Adult Public Aid Recipients	74,412