

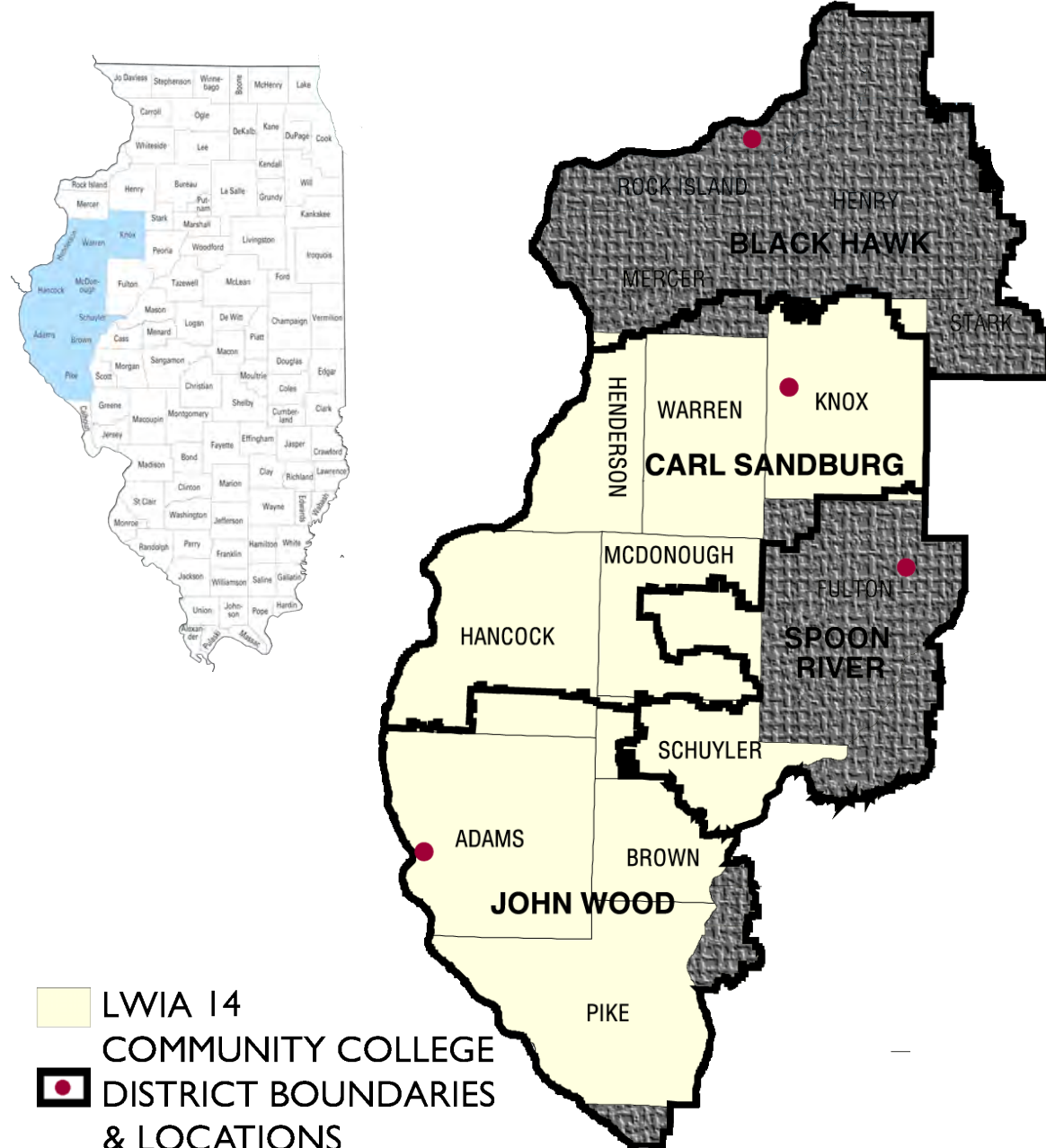
## WEST CENTRAL ECONOMIC DEVELOPMENT REGION

West Central EDR Counties	2013 Population Estimates	Percent of EDR Population
Adams	67,130	30%
Brown	6,860	3%
Hancock	18,618	8%
Henderson	6,990	3%
Knox	52,078	23%
McDonough	32,464	14%
Pike	16,150	7%
Schuyler	7,444	3%
Warren	17,726	8%
Total Population	225,460	

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

West Central EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Quincy	40,915	18%
Galesburg	31,665	14%
Macomb	19,265	9%
Monmouth	9,459	4%
Pittsfield	4,500	2%
Abingdon	3,227	1%
Rushville	3,162	1%

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

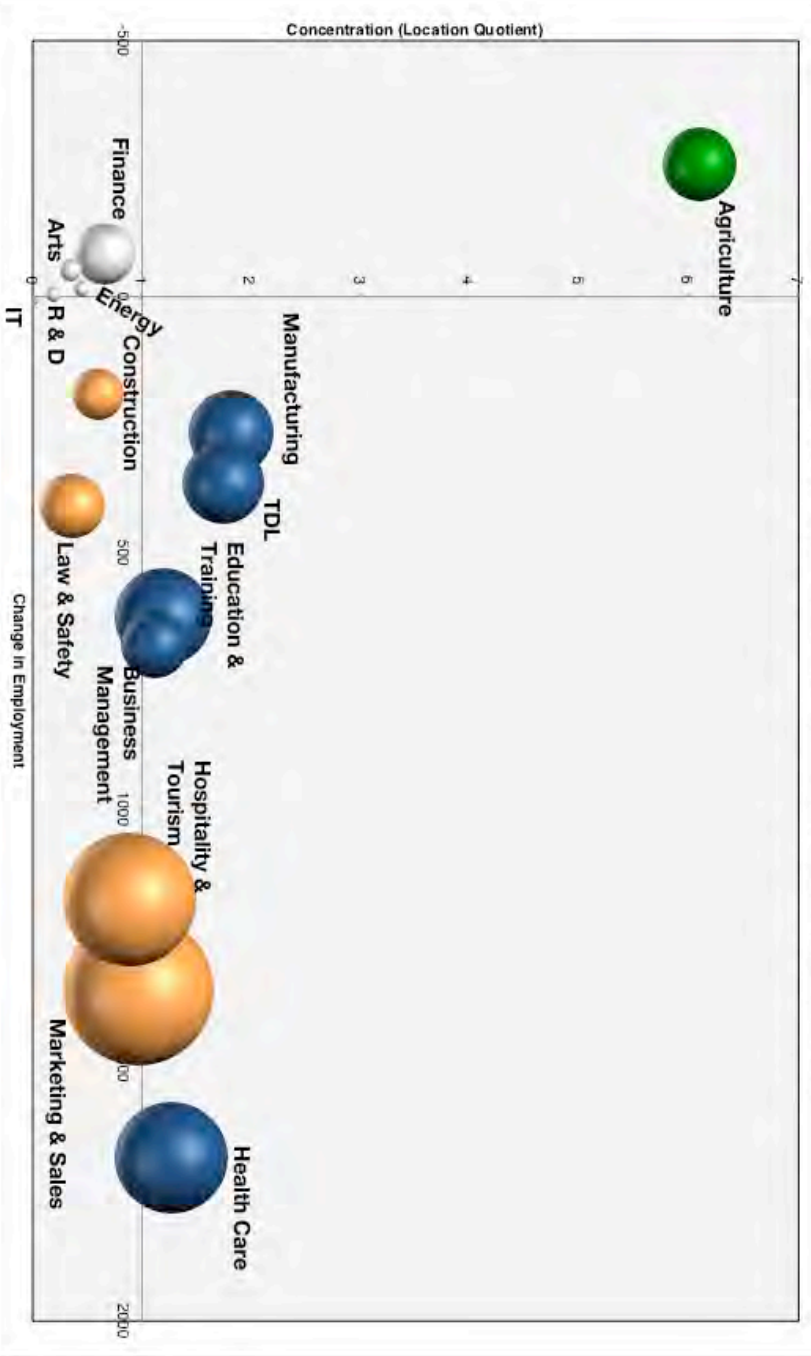


## WEST CENTRAL REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

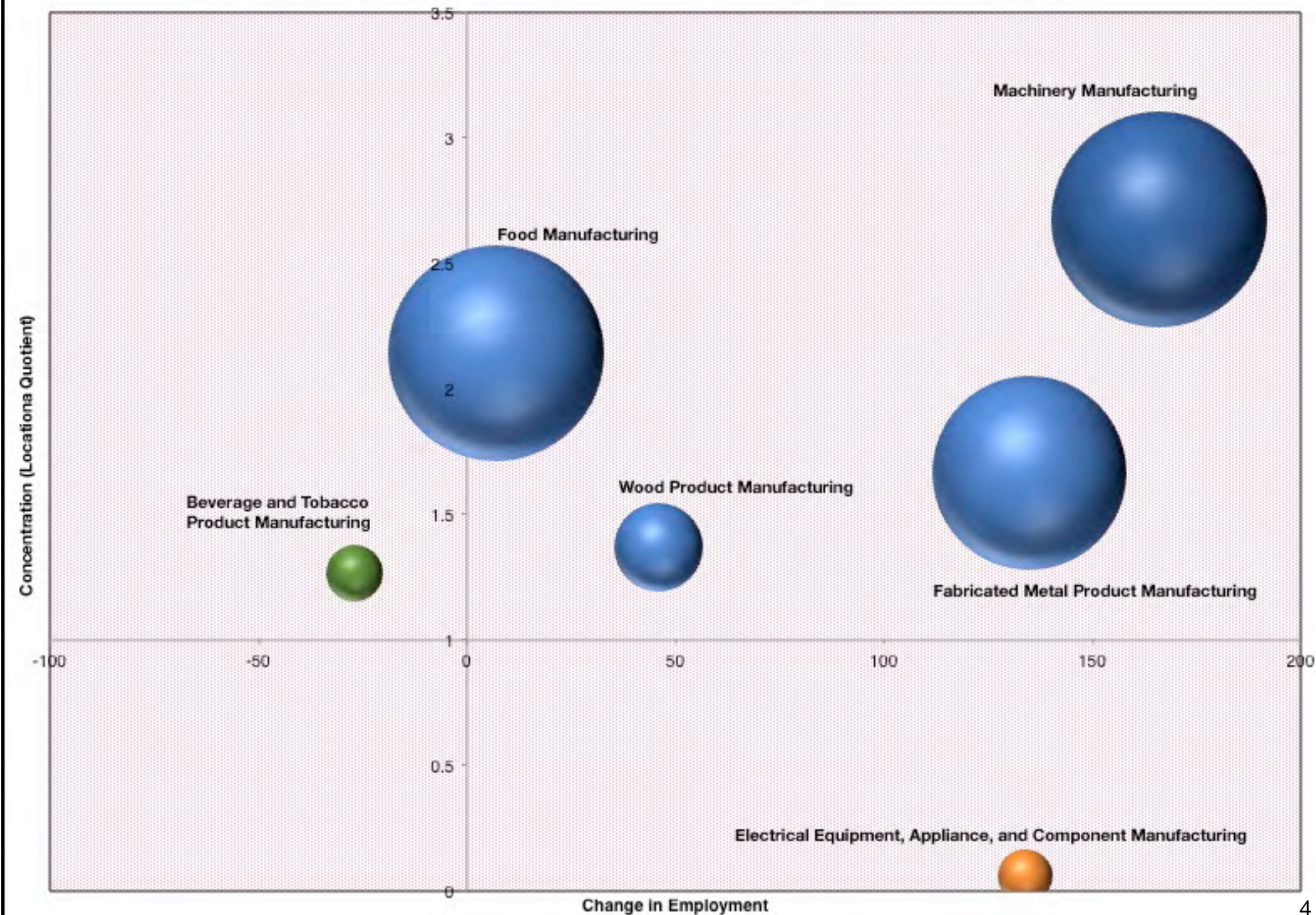
Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	27,969	29,324	1,355	4.8%	0.96
Hospitality & Tourism	21,579	22,755	1,176	5.4%	0.89
Health Care	14,596	16,277	1,681	11.5%	1.27
Education & Training	11,603	12,229	626	5.4%	1.20
Manufacturing	9,089	9,354	265	2.9%	1.81
Transportation, Distribution & Logistics	8,050	8,414	364	4.5%	1.74
Agriculture	7,085	6,826	259	-3.7%	6.09
Business Management	5,033	5,712	679	13.5%	1.12
Law & Public Safety	4,867	5,275	408	8.4%	0.36
Finance	4,913	4,830	83	-1.7%	0.66
Construction	3,062	3,253	191	6.2%	0.60
Arts & Audio Visual	654	603	51	-7.8%	0.34
Research & Development	300	295	5	-1.7%	0.18
Energy	290	274	16	-5.5%	0.45
Information Technology	34	43	9	26.5%	0.03

### MAJOR INDUSTRY CLUSTERS IN THE WEST CENTRAL REGION



<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE WEST CENTRAL REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>2,512</b>	<b>2,519</b>	<b>7</b>	<b>0.3%</b>	<b>2.14</b>	<b>Leading</b>
<b>312</b>	<b>Beverage and Tobacco Product Manufacturing</b>	<b>195</b>	<b>168</b>	<b>(27)</b>	<b>-13.8%</b>	<b>1.27</b>	<b>Maturing</b>
313	Textile Mills	-	-	-	0.0%	-	
314	Textile Product Mills	15	14	(1)	-6.7%	0.16	
315	Apparel Manufacturing	17	17	-	0.0%	0.14	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>374</b>	<b>420</b>	<b>46</b>	<b>12.3%</b>	<b>1.37</b>	<b>Leading</b>
322	Paper Manufacturing	-	-	-	0.0%	-	
323	Printing and Related Support Activities	145	109	(36)	-24.8%	0.39	
325	Chemical Manufacturing	265	257	(8)	-3.0%	0.42	
326	Plastics and Rubber Products Manufacturing	271	248	(23)	-8.5%	0.52	
327	Nonmetallic Mineral Product Manufacturing	174	174	-	0.0%	0.59	
331	Primary Metal Manufacturing	145	138	(7)	-4.8%	0.45	
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>1,885</b>	<b>2,020</b>	<b>135</b>	<b>7.2%</b>	<b>1.67</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>2,359</b>	<b>2,525</b>	<b>166</b>	<b>7.0%</b>	<b>2.68</b>	<b>Leading</b>
334	Computer and Electronic Product Manufacturing	562	446	(116)	-20.6%	0.64	
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	<b>18</b>	<b>152</b>	<b>134</b>	<b>744.4%</b>	<b>0.06</b>	<b>Emerging</b>
336	Transportation Equipment Manufacturing	-	-	-	0.0%	-	
337	Furniture and Related Product Manufacturing	-	-	-	0.0%	-	
339	Miscellaneous Manufacturing	152	147	(5)	-3.3%	0.33	



**MANUFACTURING****LEADING, EMERGING AND MATURING INDUSTRIES IN THE WEST CENTRAL REGION**



# MANUFACTURING

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	31	1	2	2.1
332	Fabricated Metal Product Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	13	1	3.9	1.8
311	Food Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	12	1	9.1	2.4
325	Chemical Manufacturing					1	5.3	2.7
332	Fabricated Metal Product Manufacturing					1	4.5	1.1
333	Machinery Manufacturing					1	5	1.9
311	Food Manufacturing	Production	51-2092	Team Assemblers	27	1	2.5	1.9
321	Wood Product Manufacturing					1	3.3	9.1
326	Plastics and Rubber Products Manufacturing					1	3.6	6.5
332	Fabricated Metal Product Manufacturing					2	7.3	5.3
333	Machinery Manufacturing					3	10	10.7
334	Computer and Electronic Product Manufacturing					1	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.8	12.8
339	Miscellaneous Manufacturing					2	5.6	11.6
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	19	7	35.1	10.2
333	Machinery Manufacturing					3	16.6	7
334	Computer and Electronic Product Manufacturing					1	3	1.4
339	Miscellaneous Manufacturing					1	2.7	2.3
332	Fabricated Metal Product Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	10	2	24.3	6.2
333	Machinery Manufacturing					1	13.2	4.9
311	Food Manufacturing	Production	51-9199	Production Workers, All Other	10	1	10.9	2

**MANUFACTURING**  
**ATTACHMENT M - Regional Data**  
**INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION**

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg.Ex.Tech/Scntific**	31	1	2	2.1	\$52,029	High school diploma or equivalent	None	Moderate-term on-the-job training
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	13	1	3.9	1.8	\$23,106	High school diploma or equivalent	None	Short-term on-the-job training
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	12	1	9.1	2.4	\$48,669	High school diploma or equivalent	None	Long-term on-the-job training
				1	5.3	2.7				
				1	4.5	1.1				
				1	5	1.9				
Production	51-2092	Team Assemblers	27	1	2.5	1.9	\$27,198	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.3	9.1				
				1	3.6	6.5				
				2	7.3	5.3				
				3	10	10.7				
				1	3.6	4.1				
				1	3.8	12.8				
Production	51-4041	Machinists**	19	2	5.6	11.6	\$33,812	High school diploma or equivalent	None	Long-term on-the-job training
				7	35.1	10.2				
				3	16.6	7				
				1	3	1.4				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	10	1	2.7	2.3	\$32,820	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				2	24.3	6.2				
				1	13.2	4.9				
Production	51-9199	Production Workers, All Other	10	1	10.9	2	\$27,800	High school diploma or equivalent	None	Moderate-term on-the-job training

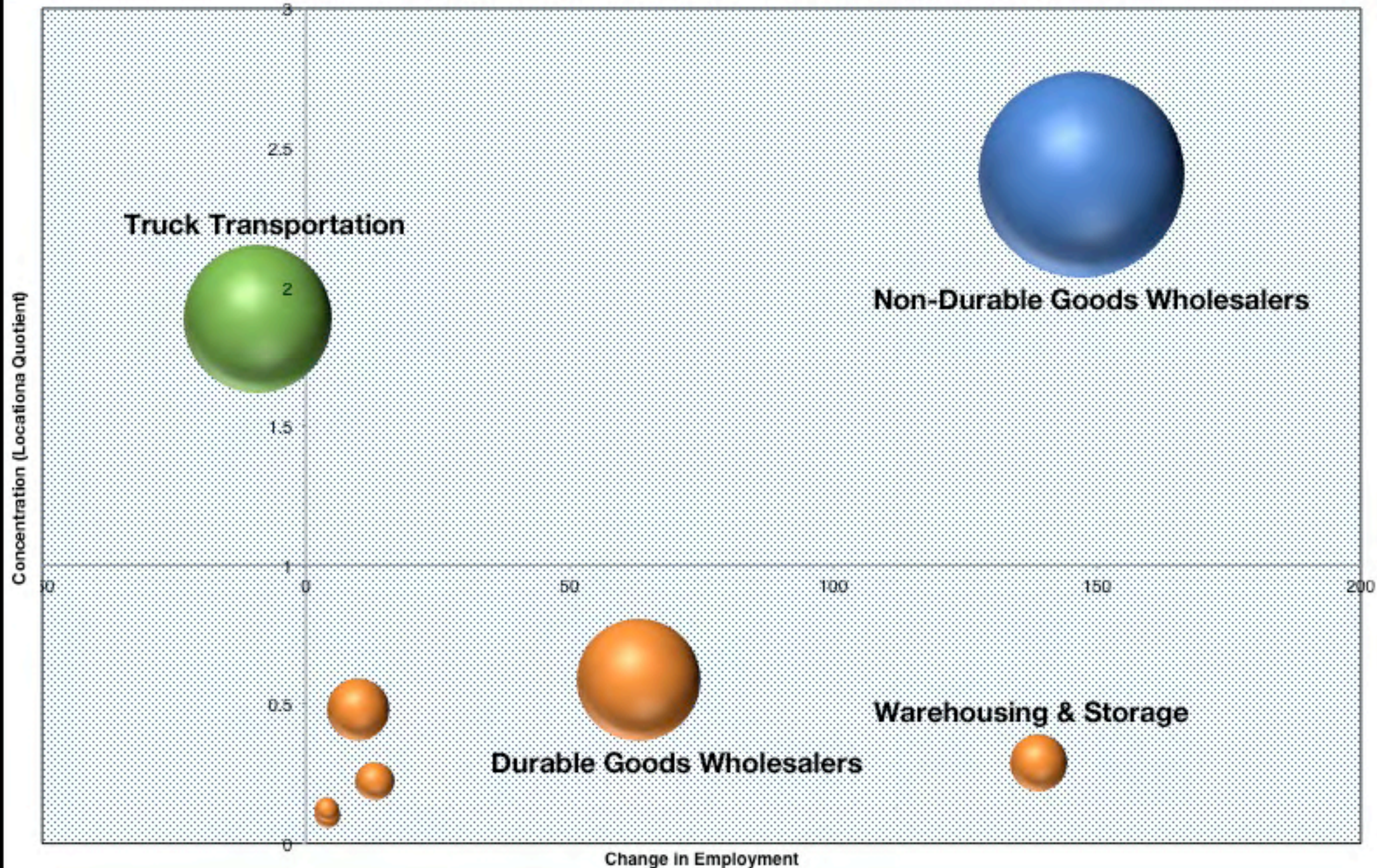


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE WEST CENTRAL REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	1,333	1,396	63	4.7%	0.59	Emerging
424	Merchant Wholesalers, Nondurable Goods	3,782	3,929	147	3.9%	2.41	Leading
425	Wholesale Electronic Markets and Agents and Brokers	337	347	10	3.0%	0.48	Emerging
481	Air Transportation	46	50	4	8.7%	0.12	Emerging
483	Water Transportation	-	-	-	0.0%	-	
484	Truck Transportation	2,033	2,024	(9)	-0.4%	1.89	Maturing
485	Transit and Ground Passenger Transportation	122	135	13	10.7%	0.22	Emerging
488	Support Activities for Transportation	53	57	4	7.5%	0.10	Emerging
492	Couriers and Messengers	184	177	(7)	-3.8%	0.44	
493	Warehousing and Storage	160	299	139	86.9%	0.29	Emerging



## TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE WEST CENTRAL REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	13	2	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					1	7.8	2.7
492	Couriers and Messengers					1	5	7.2
493	Warehousing and Storage					1	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	5	1	10.6	1
484	Truck Transportation					1	18.6	3.5
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	34	1	3.2	2
424	Merchant Wholesalers, Nondurable Goods					3	7.9	7.3
484	Truck Transportation					16	46.3	59.7
488	Support Activities for Transportation					1	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					1	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	14	1	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					1	7.6	3.2
484	Truck Transportation					1	6.1	3.6
492	Couriers and Messengers					2	17.1	30.5

## ATTACHMENT M - Regional Data

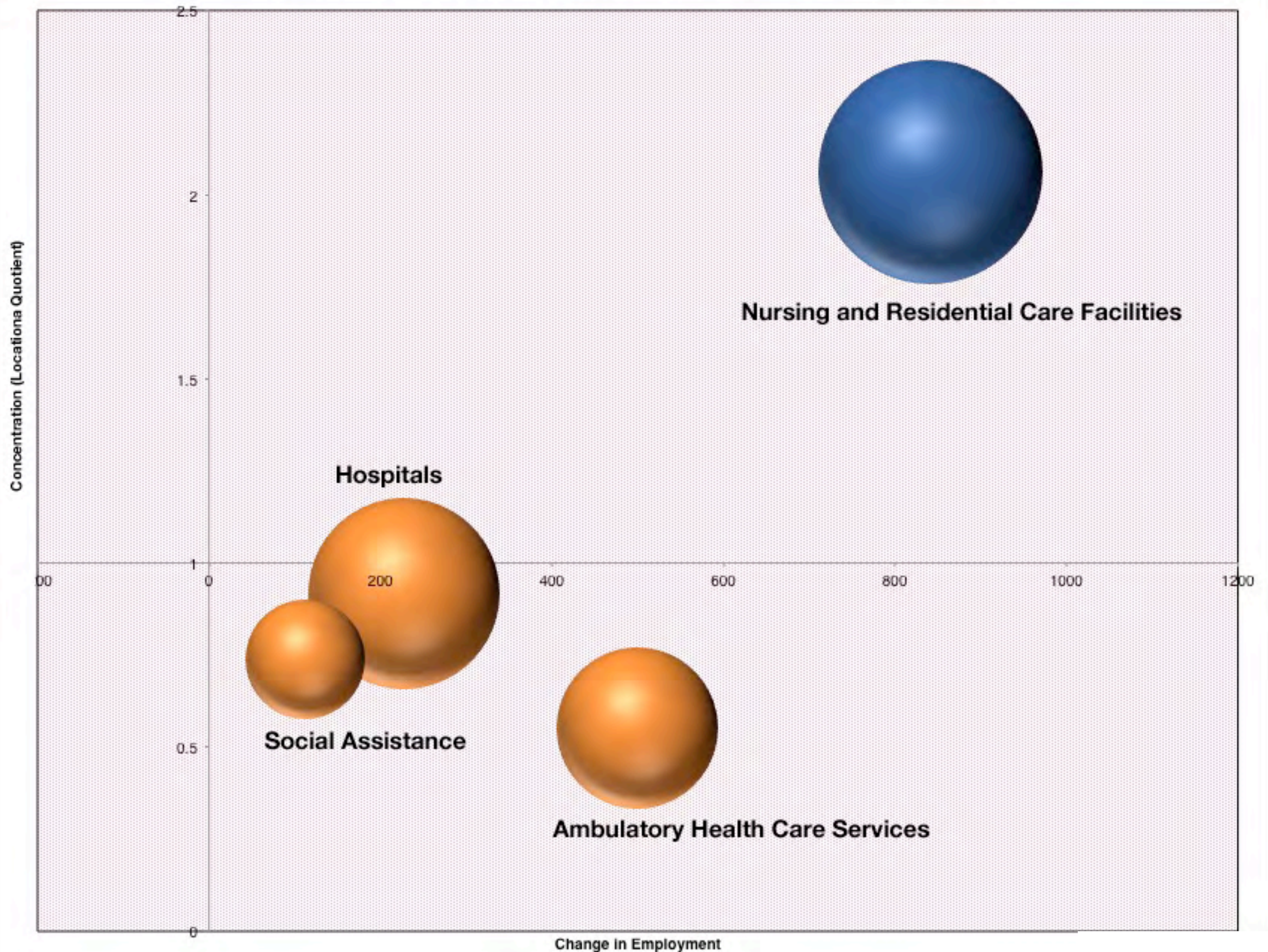
TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	13	2	13.5	3.2	\$23,106	High school diploma or equivalent	None	Short-term on-the-job training
				1	7.8	2.7				
				1	5	7.2				
				1	4.7	4.1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	5	1	10.6	1	\$34,113	High school diploma or equivalent	None	Long-term on-the-job training
				1	18.6	3.5				
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	34	1	3.2	2	\$40,314	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				3	7.9	7.3				
				16	46.3	59.7				
				1	3.1	8.5				
				1	1.5	5.6				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	14	1	2.2	5.3	\$23,832	High school diploma or equivalent	None	Short-term on-the-job training
				1	8.4	2.5				
				1	7.6	3.2				
				1	6.1	3.6				
				2	17.1	30.5				



## HEALTH CARE

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

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	2,842	3,342	500	17.6%	0.55	Emerging
622	Hospitals	4,451	4,679	228	5.1%	0.92	Emerging
623	Nursing and Residential Care Facilities	5,630	6,471	841	14.9%	2.06	Leading
624	Social Assistance	1,673	1,785	112	6.7%	0.74	Emerging

**HEALTH CARE****LEADING, EMERGING AND MATURING INDUSTRIES IN THE WEST CENTRAL REGION**



# HEALTH CARE

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	8	2	30	1.3
622	Hospitals					3	36.4	2.1
623	Nursing and Residential Care Facilities					1	10.8	1.1
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	8	1	8	0.4
623	Nursing and Residential Care Facilities					1	17.1	2
624	Social Assistance					3	40.7	5.1
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	6	2	25.3	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	8	5	56.3	1.8
622	Hospitals					2	25	1
623	Nursing and Residential Care Facilities					1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	61	12	20.1	7.4
622	Hospitals					36	59.2	28.9
623	Nursing and Residential Care Facilities					4	7	5.8
624	Social Assistance					1	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	11	6	55	1.8
622	Hospitals					2	15.2	0.7
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	6	1	16.2	1
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	27	8	28.9	3
622	Hospitals					4	16.3	2.3
623	Nursing and Residential Care Facilities					11	39.1	9.1
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	58	5	9	1.8
622	Hospitals					14	24.4	6.6
623	Nursing and Residential Care Facilities					31	53.9	24.4
624	Social Assistance					1	1.9	1
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	8	6	79.7	6.6
622	Hospitals					1	12.4	1.4
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	6	1	22.5	0.3
622	Hospitals					2	33.9	0.6
623	Nursing and Residential Care Facilities					1	8.5	0.3
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	7	1	11.8	0.6
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	16	6	40.6	5.3
622	Hospitals					1	3.7	0.6

# HEALTH CARE

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Health Informatics	11-9111	Medical & Health Services Managers	8	2	30	1.3	\$82,963	Bachelor's degree	None	None
				3	36.4	2.1				
				1	10.8	1.1				
Support Services	21-1093	Social & Human Services Assistants**	8	1	8	0.4	\$40,555	High school diploma or equivalent	None	Short-term on-the-job training
				1	17.1	2				
				3	40.7	5.1				
Therapeutic Services	29-1051	Pharmacists	6	2	25.3	1.3	\$124,347	Doctoral or professional degree	None	None
Therapeutic Services	29-1123	Physical Therapists	8	5	56.3	1.8	\$71,550	Doctoral or professional degree	None	None
				2	25	1				
				1	6.7	0.5				
Therapeutic Services	29-1141	Registered Nurses	61	12	20.1	7.4	\$49,125	Associate's or Bachelor's degree	None	None
				36	59.2	28.9				
				4	7	5.8				
				1	0.9	0.8				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	11	6	55	1.8	\$31,731	Postsecondary non-degree award	None	None
				2	15.2	0.7				
Therapeutic Services	29-2052	Pharmacy Technicians	6	1	16.2	1	\$26,557	High school diploma or equivalent	None	Moderate-term on-the-job training
Therapeutic Services	29-2061	Licensed Practical Nurses	27	8	28.9	3	\$37,645	Postsecondary non-degree award	None	None
				4	16.3	2.3				
				11	39.1	9.1				
Therapeutic Services	31-1014	Nursing Assistants	58	5	9	1.8	\$23,068	Postsecondary non-degree award	None	None
				14	24.4	6.6				
				31	53.9	24.4				
				1	1.9	1				
Health Informatics	31-9092	Medical Assistants	8	6	79.7	6.6	\$27,391	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	12.4	1.4				
Health Informatics	31-9099	Healthcare Support Workers, All Other	6	1	22.5	0.3	\$32,318	High school diploma or equivalent	None	Short-term on-the-job training
				2	33.9	0.6				
				1	8.5	0.3				
Health Informatics	43-3011	Bill and Account Collectors**	7	1	11.8	0.6	\$33,610	High school diploma or equivalent	None	Moderate-term on-the-job training
Health Informatics	43-4171	Receptionists & Information Clerks **	16	6	40.6	5.3	\$23,921	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.7	0.6				



INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	4	522	Credit intermediation and related activities	0	4.1
			524	Insurance carriers and related activities	0	8.2
			551	Management of companies and enterprises	0	7.3
			611	Educational services; state, local, and private	0	4.5
			5241	Insurance carriers	0	7.4
			5415	Computer systems design and related services	1	28.9
			5416	Management, scientific, and technical consulting services	0	3.9
			9992	State government, excluding education and hospitals	0	3.6
			524	Insurance carriers and related activities	0	3.6
			551	Management of companies and enterprises	0	3.5
15-1131	Computer Programmers	3	5112	Software publishers	0	5.4
			5415	Computer systems design and related services	1	40.6
			5613	Employment services	0	3.9
15-1132	Software Developers, Applications	3	334	Computer and electronic product manufacturing	0	3.5
			524	Insurance carriers and related activities	0	5.2
			551	Management of companies and enterprises	0	4.3
			5112	Software publishers	0	8.0
			5241	Insurance carriers	0	4.4
			5415	Computer systems design and related services	1	38.9
			5416	Management, scientific, and technical consulting services	0	4.1
			423	Merchant wholesalers, durable goods	0	5.2
			551	Management of companies and enterprises	0	4.4
			611	Educational services; state, local, and private	1	12.7
			5112	Software publishers	0	4.3
			5415	Computer systems design and related services	1	24.6
15-1151	Computer User Support Specialists	4	5613	Employment services	0	3.6

## MANUFACTURING

### WEST 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
Machinists**	48.0501	Machine Tool Technology		No Programs in this EDR	
	48.0503	Mach Shop Technology			
	Community Colleges	John Wood CC	3	< 1 Yr Cert	
Team Assemblers	No Related Program of Study for This Occupation				
Food Batchmakers	No Related Program of Study for This Occupation				

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

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
WEST 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
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper	No Programs in this EDR		John Wood CC
Truck Drivers, Light & Delivery Services					Workforce Development Center
School Bus Drivers					

HEALTH CARE					
WEST 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	Carl Sandburg CC	43	Associate	John Wood CC
		John Wood CC	16	Associate	
		Western Illinois Univ	27	Bachelor	
	Other Colleges	Quincy Univ	24	Bachelor	
		Blessing-Rieman Coll of Nursing	55	Bachelor	
			3	Masters	
	51.2601	Health Aide			
	Community Colleges	Carl Sandburg CC	4	< 1 Yr Cert	
Nursing Assistants	51.3902	Nurse Aide			
	Community Colleges	John Wood CC	100	< 1 Yr Cert	Carl Sandburg CC
					John Wood CC
Licensed Practical Nurses	51.3901	Licensed Practical Nurse			
	Community Colleges	Carl Sandburg CC	48	1-2 Yr Cert	Carl Sandburg CC
		John Wood CC	15	1-2 Yr Cert	John Wood CC
Receptionists & Information Clerks **	52.0406	Receptionist		No program in EDR	

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



# ATTACHMENT M - Regional Data

West 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
518	Sandburg	138	152	80	370
539	Wood	99	40	163	302
West Central Total		237	192	243	672
State Total		11,555	6,876	28,142	46,573
% of State Total		2.1%	2.8%	0.9%	1.4%

## 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

West 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
518	Sandburg	59	69	0	0	0	3	36	0	167
539	Wood	80	91	0	0	0	0	0	0	171
West Central Total		139	160	0	0	0	3	36	0	338
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		1.2%	2.3%	0.0%	0.0%	0.0%	2.3%	1.0%	0.0%	1.5%

West 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
518	Sandburg	2,314	0	918	120	88	118	0	95	3,653	2868
539	Wood	2,147	0	719	117	59	10	2	0	3,054	1600
West Central Total		4,461	0	1,637	237	147	128	2	95	6,707	4,468
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
% of State Total		1.6%	0.0%	0.9%	0.9%	1.3%	0.3%	0.1%	0.2%	1.0%	2.3%

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

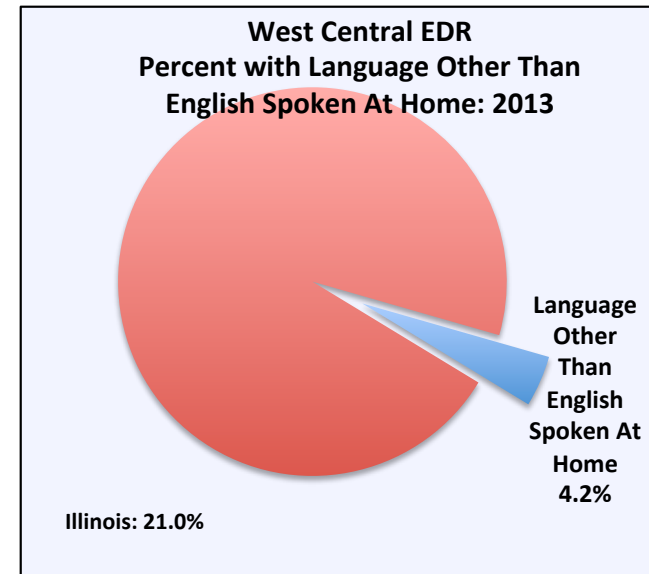
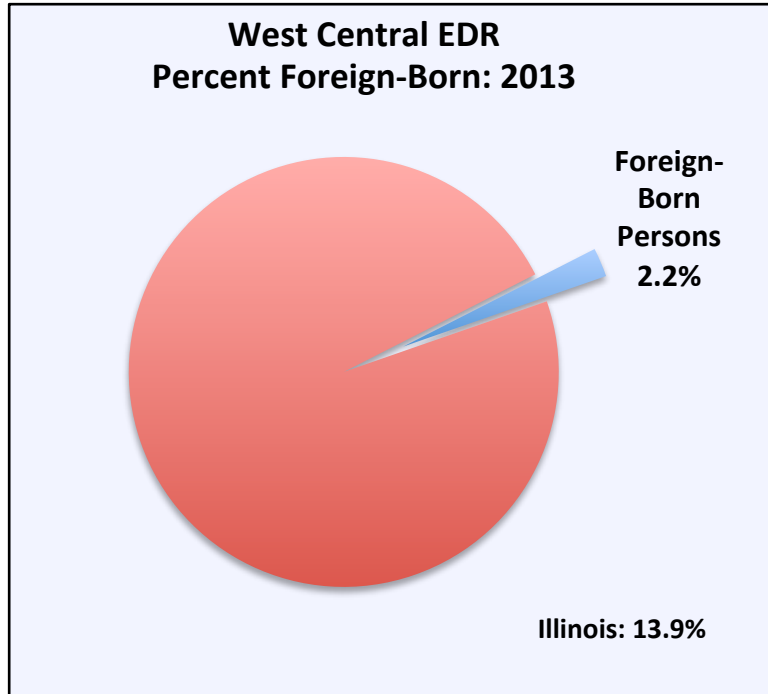
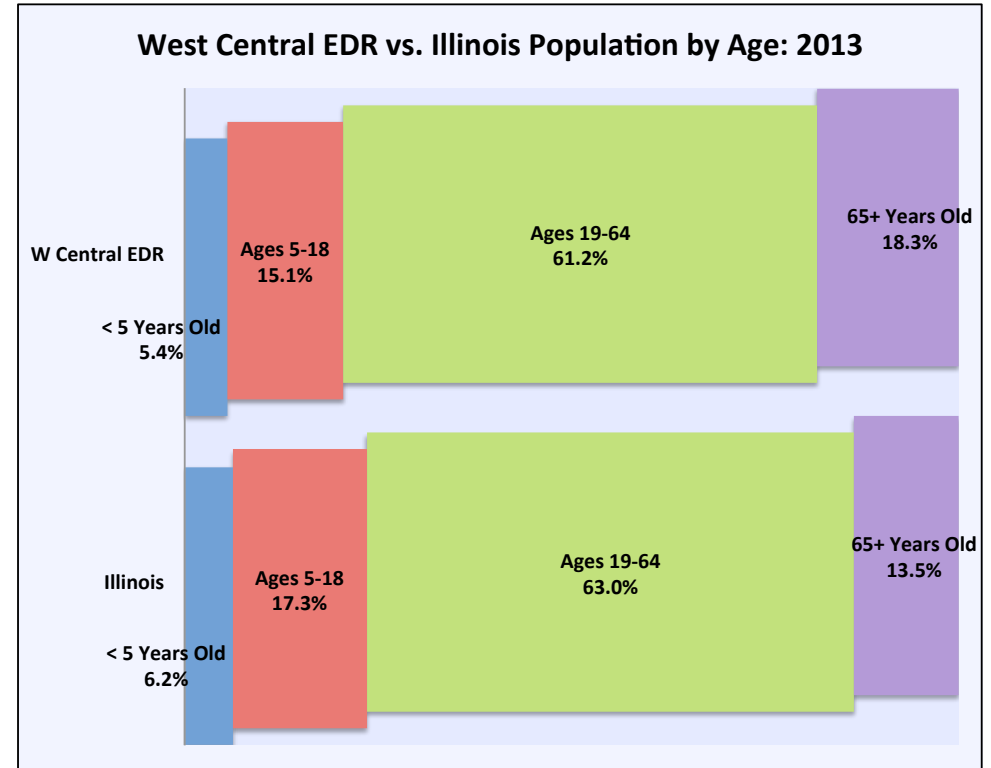
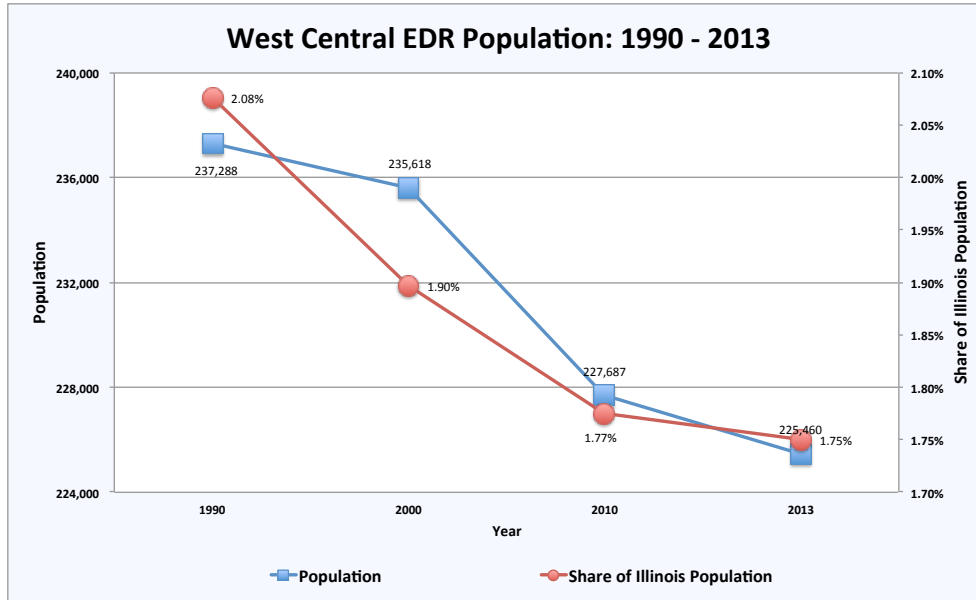
\*\* Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

**ATTACHMENT M - Regional Data**

<b>West Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates by Career Cluster</b>																			
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*
518	Sandburg	0	0	5	23	99	0	0	163	0	39	20	12	66	2	69	27	0	525
539	Wood	18	16	4	27	80	0	0	169	5	5	3	11	43	1	91	0	0	473
West Central Total		18	16	9	50	179	0	0	332	5	44	23	23	109	3	160	27	0	998
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		1.9%	0.6%	1.1%	1.6%	1.1%	0.0%	0.0%	1.8%	0.3%	2.1%	1.0%	0.8%	3.9%	0.9%	2.4%	0.5%	0.0%	1.5%

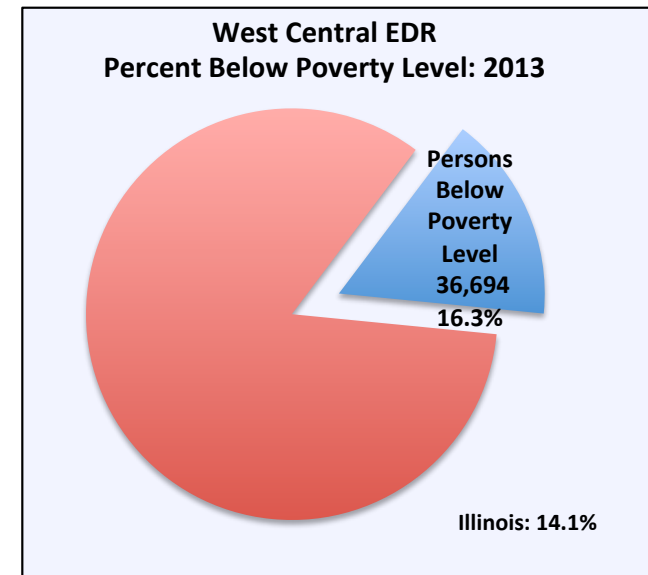
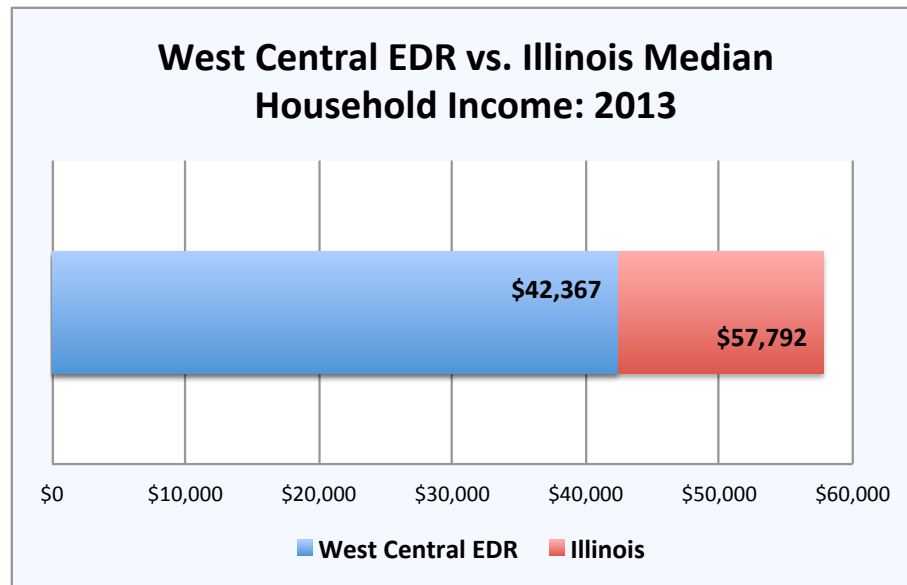
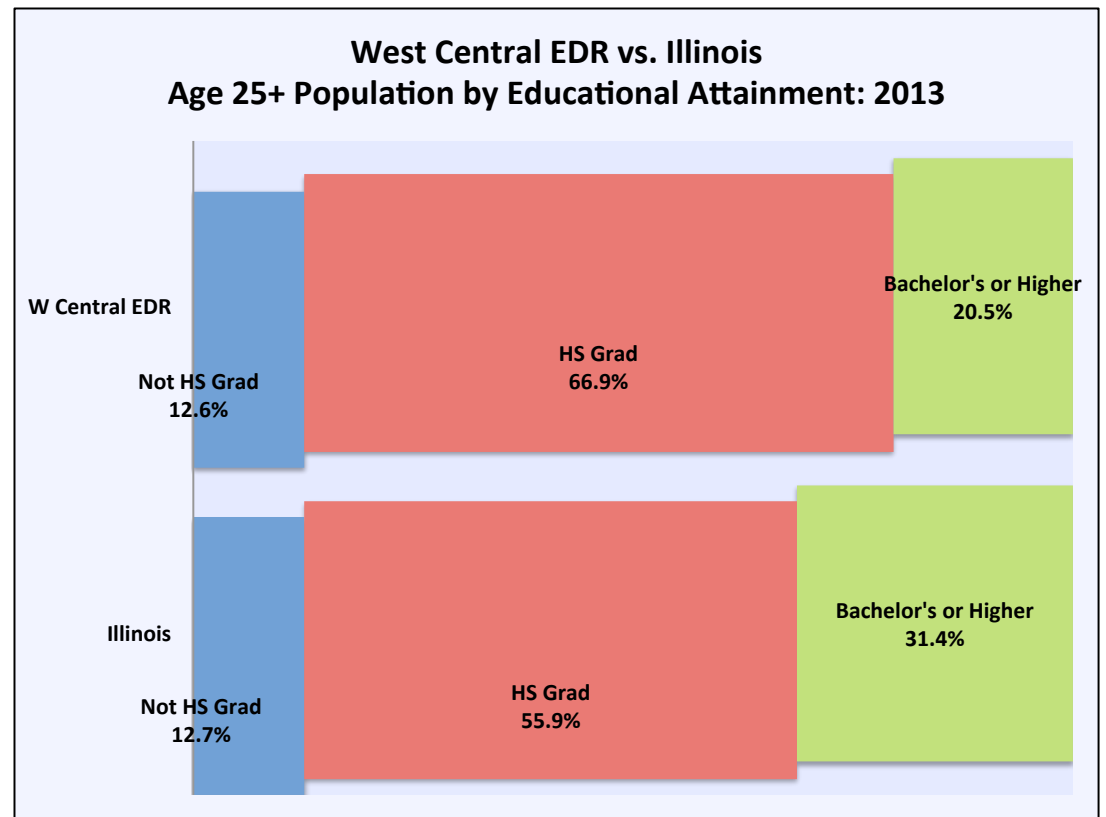
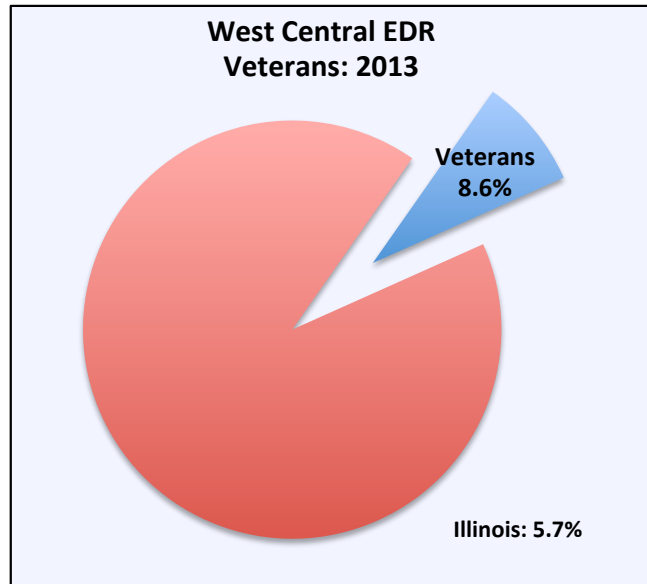
\*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

# ATTACHMENT M - Regional Data



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

# ATTACHMENT M - Regional Data



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

## WEST CENTRAL REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	105,788
	Employed	99,257
	Unemployed	6,531
	Rate	6.2
TANF	Annual 2014	18,338
	Monthly Average	1,528
Corrections		3,960
Persons with Disabilities	Mental Disabilities	30
	Adults with Disabilities	15,697
Public Aid	Public Aid Recipients	46,376
	Adult Public Aid Recipients	25,948



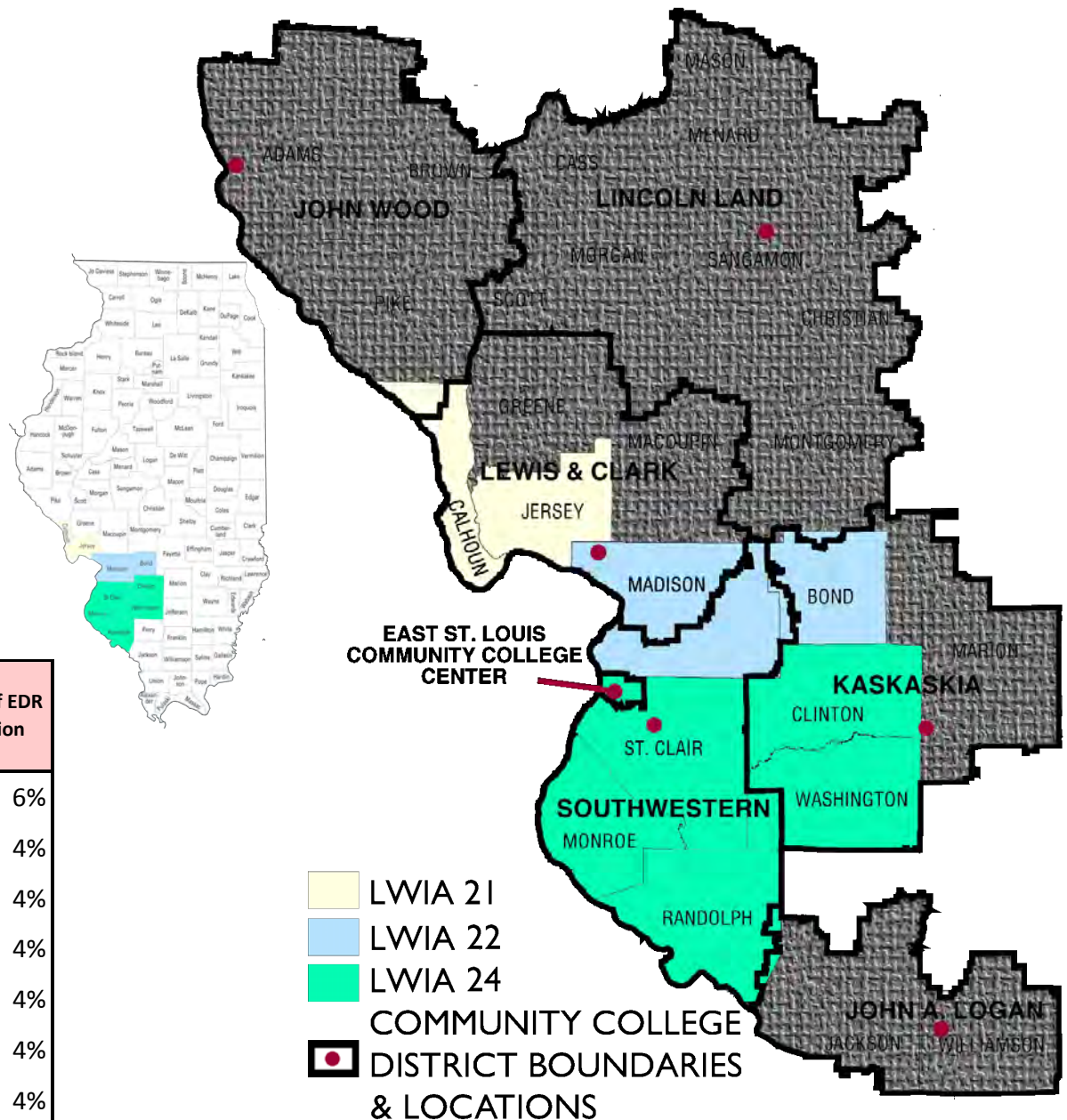
## SOUTHWEST ECONOMIC DEVELOPMENT REGION

Southwest EDR Counties	2013 Population Estimates	Percent of EDR Population
Bond	17,470	3%
Calhoun	5,059	1%
Clinton	37,907	5%
Jersey	22,641	3%
Madison	267,225	38%
Monroe	33,493	5%
Randolph	32,890	5%
St. Clair	266,955	38%
Washington	14,448	2%
<b>Total Population</b>	<b>698,088</b>	

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

Southwest EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Belleville	42,895	6%
Granite City	29,375	4%
O'Fallon	29,143	4%
Alton	27,290	4%
East St. Louis	26,598	4%
Collinsville	25,059	4%
Edwardsville	24,663	4%

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

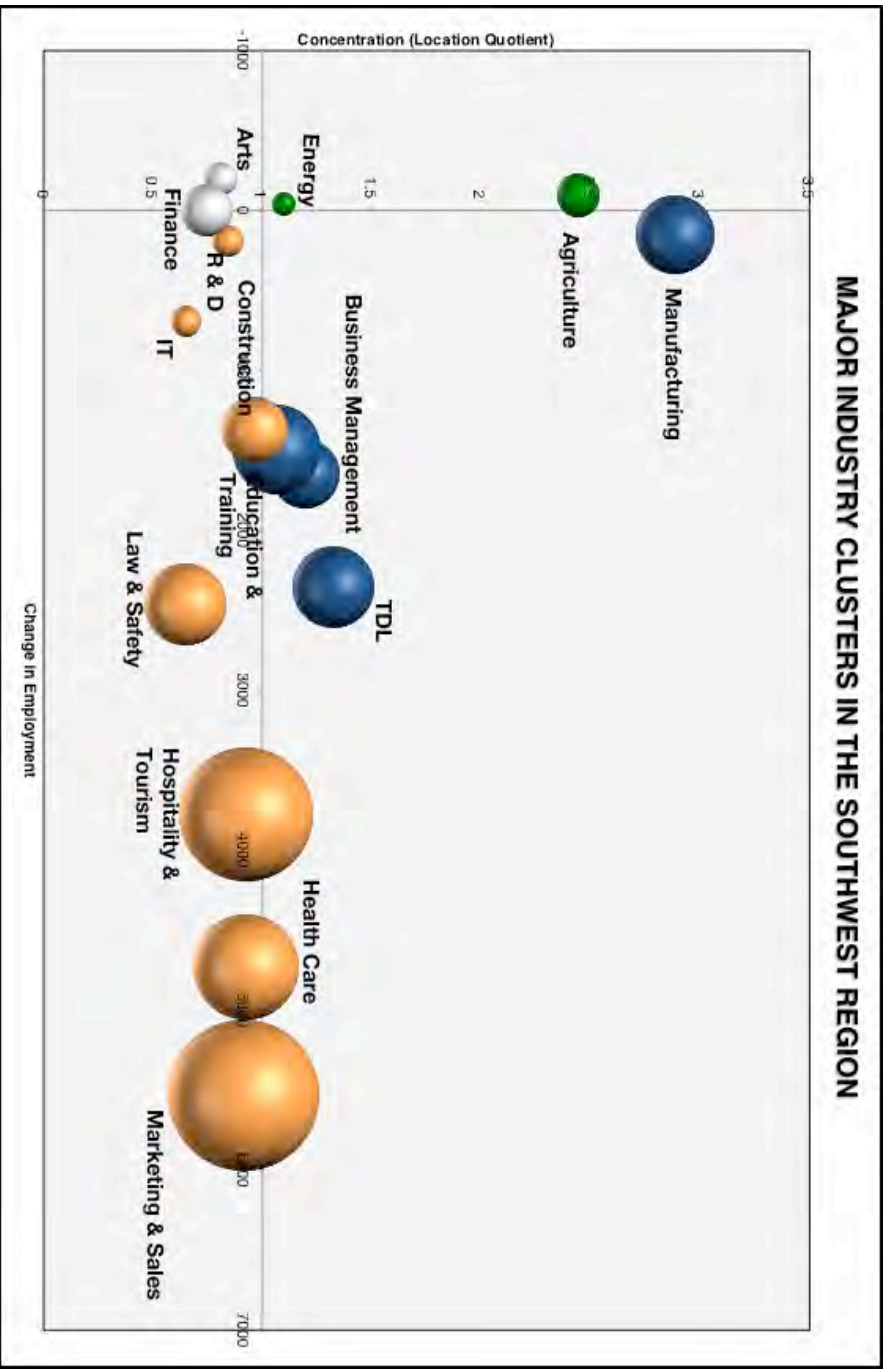


## SOUTHWEST REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

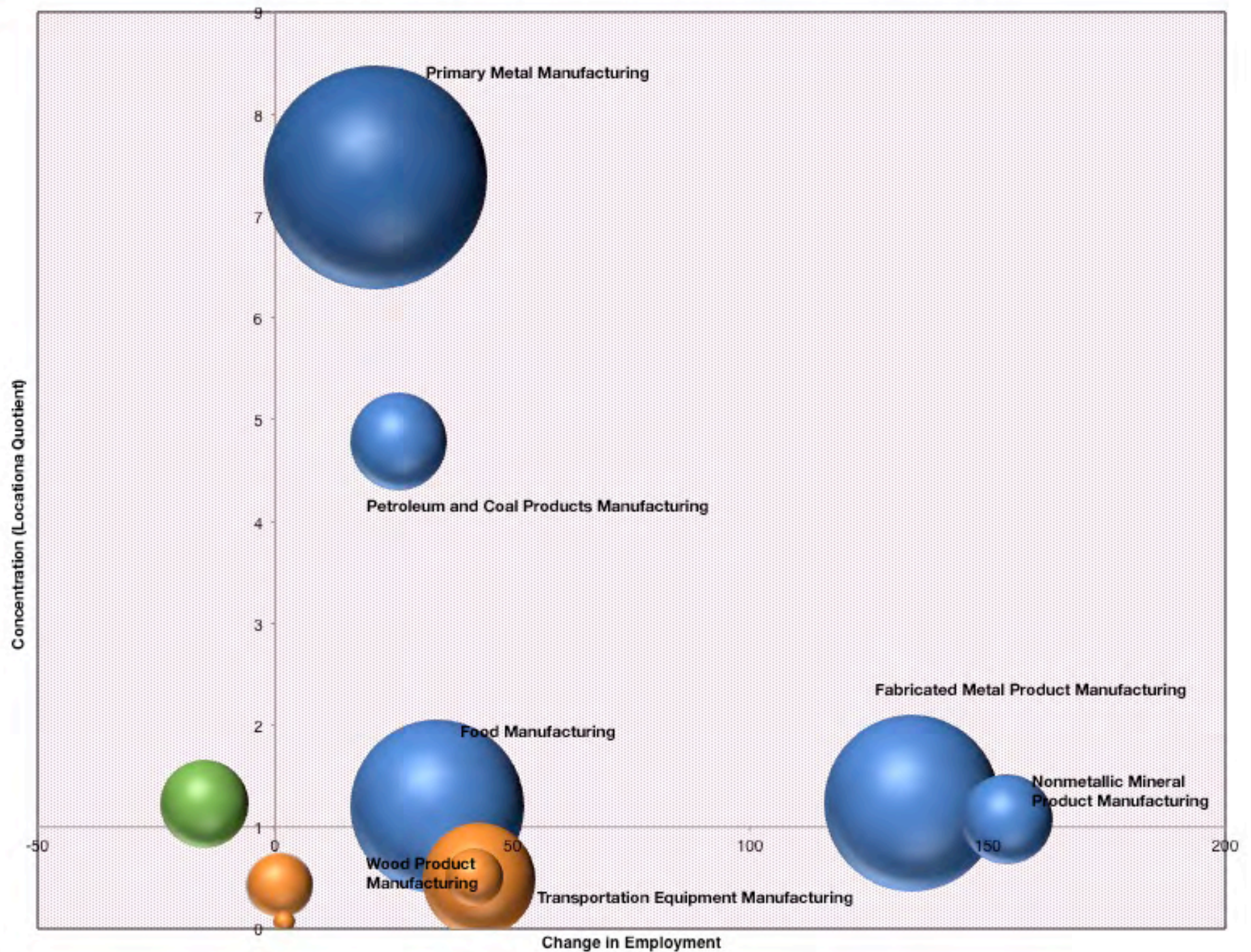
Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	74,032	79,564	5,532	7.5%	0.92
Hospitality & Tourism	58,413	62,192	3,779	6.5%	0.92
Health Care	33,642	38,368	4,726	14.0%	0.93
Education & Training	25,437	26,932	1,495	5.9%	1.06
Law & Public Safety	20,727	23,191	2,464	11.9%	0.65
Transportation, Distribution & Logistics	20,635	22,985	2,350	11.4%	1.32
Manufacturing	21,373	21,525	152	0.7%	2.88
Business Management	14,867	16,510	1,643	11.1%	1.19
Construction	13,534	14,901	1,367	10.1%	0.96
Finance	8,889	8,885	4	0.0%	0.75
Agriculture	6,485	6,392	93	-1.4%	2.44
Arts & Audio Visual	3,806	3,611	195	-5.1%	0.81
Research & Development	2,982	3,175	193	6.5%	0.84
Information Technology	2,294	2,984	690	30.1%	0.65
Energy	1,746	1,703	43	-2.5%	1.10

### MAJOR INDUSTRY CLUSTERS IN THE SOUTHWEST REGION



<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWESTERN REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>3,468</b>	<b>3,502</b>	<b>34</b>	<b>1.0%</b>	<b>1.20</b>	<b>Leading</b>
312	Beverage and Tobacco Product Manufacturing	84	74	(10)	-11.9%	0.22	
313	Textile Mills	-	-	-	0.0%	-	
314	Textile Product Mills	24	24	-	0.0%	0.10	
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>343</b>	<b>385</b>	<b>42</b>	<b>12.2%</b>	<b>0.51</b>	<b>Emerging</b>
322	Paper Manufacturing	475	432	(43)	-9.1%	0.63	
323	Printing and Related Support Activities	604	455	(149)	-24.7%	0.66	
<b>324</b>	<b>Petroleum and Coal Products Manufacturing</b>	<b>1,056</b>	<b>1,082</b>	<b>26</b>	<b>2.5%</b>	<b>4.78</b>	<b>Leading</b>
325	Chemical Manufacturing	966	938	(28)	-2.9%	0.62	
326	Plastics and Rubber Products Manufacturing	156	146	(10)	-6.4%	0.12	
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>782</b>	<b>936</b>	<b>154</b>	<b>19.7%</b>	<b>1.08</b>	<b>Leading</b>
<b>331</b>	<b>Primary Metal Manufacturing</b>	<b>5,847</b>	<b>5,868</b>	<b>21</b>	<b>0.4%</b>	<b>7.38</b>	<b>Leading</b>
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>3,443</b>	<b>3,577</b>	<b>134</b>	<b>3.9%</b>	<b>1.23</b>	<b>Leading</b>
333	Machinery Manufacturing	1,227	1,182	(45)	-3.7%	0.56	
334	Computer and Electronic Product Manufacturing	32	27	(5)	-15.6%	0.01	
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	<b>903</b>	<b>888</b>	<b>(15)</b>	<b>-1.7%</b>	<b>1.22</b>	<b>Maturing</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>1,431</b>	<b>1,474</b>	<b>43</b>	<b>3.0%</b>	<b>0.48</b>	<b>Emerging</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>49</b>	<b>51</b>	<b>2</b>	<b>4.1%</b>	<b>0.07</b>	<b>Emerging</b>
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>483</b>	<b>484</b>	<b>1</b>	<b>0.2%</b>	<b>0.42</b>	<b>Emerging</b>



**MANUFACTURING****LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWESTERN REGION**



MANUFACTURING ATTACHMENT M - Regional Data								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION								
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	24	1	3.5	2.8
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	14	2	10.8	5.6
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	13	1	6.2	1.1
333	Machinery Manufacturing					2	12.3	3.3
334	Computer and Electronic Product Manufacturing					1	6.3	1.8
336	Transportation Equipment Manufacturing					2	11.9	2.2
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Whls/Mfg, Tech/SciProds**	16	1	3.9	1.7
311	Food Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	63	1	1	1.1
323	Printing and Related Support Activities					1	1.2	4.4
332	Fabricated Metal Product Manufacturing					1	2	2.1
333	Machinery Manufacturing					1	1.4	2.3
311	Food Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	33	1	2.6	1.3
325	Chemical Manufacturing					1	1.9	1.8
326	Plastics and Rubber Products Manufacturing					1	1.7	2
332	Fabricated Metal Product Manufacturing					1	3.9	1.8
333	Machinery Manufacturing					1	2.5	1.7
336	Transportation Equipment Manufacturing					1	2.5	1.2
311	Food Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	37	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					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	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	54	1	2.3	2.3
325	Chemical Manufacturing					1	1.2	2.4
331	Primary Metal Manufacturing					1	1.1	4.4
332	Fabricated Metal Product Manufacturing					1	1.4	1.4
336	Transportation Equipment Manufacturing					1	1.2	1.2
311	Food Manufacturing	Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	19	1	7.8	3.2
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
331	Primary Metal Manufacturing					1	2.8	4.5
332	Fabricated Metal Product Manufacturing					2	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					1	7.2	2.9
339	Miscellaneous Manufacturing					1	3.2	3.5

311	Food Manufacturing	Production	51-2092	Team Assemblers	38	1	2.5	1.9
321	Wood Product Manufacturing					1	3.3	9.1
326	Plastics and Rubber Products Manufacturing					1	3.6	6.5
332	Fabricated Metal Product Manufacturing					3	7.3	5.3
333	Machinery Manufacturing					4	10	10.7
334	Computer and Electronic Product Manufacturing					1	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.8	12.8
336	Transportation Equipment Manufacturing					8	20.3	15.1
337	Furniture and Related Product Manufacturing					1	3.3	9.9
339	Miscellaneous Manufacturing					2	5.6	11.6
311	Food Manufacturing	Production	51-3092	Food Batchmakers	10	8	79.3	5.6
326	Plastics and Rubber Products Manufacturing	Production	51-4011	Computer-Controlled Machine Tool Operators**	19	1	4.5	1.2
331	Primary Metal Manufacturing					1	4	1.8
332	Fabricated Metal Product Manufacturing					7	39.3	4.2
333	Machinery Manufacturing					3	18.4	2.9
334	Computer and Electronic Product Manufacturing					1	5	0.9
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.7	1.8
336	Transportation Equipment Manufacturing					3	18.2	2
339	Miscellaneous Manufacturing					1	3.9	1.2
331	Primary Metal Manufacturing	Production	51-4041	Machinists**	29	1	1.9	2.2
332	Fabricated Metal Product Manufacturing					10	35.1	10.2
333	Machinery Manufacturing					5	16.6	7
334	Computer and Electronic Product Manufacturing					1	3	1.4
336	Transportation Equipment Manufacturing					3	12	3.6
339	Miscellaneous Manufacturing					1	2.7	2.3
332	Fabricated Metal Product Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	15	4	24.3	6.2
333	Machinery Manufacturing					2	13.2	4.9
336	Transportation Equipment Manufacturing					2	12.5	3.3
311	Food Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	19	1	6.6	2.2
325	Chemical Manufacturing					1	4.8	3.2
326	Plastics and Rubber Products Manufacturing					1	5.6	4.7
332	Fabricated Metal Product Manufacturing					2	8.9	2.9
333	Machinery Manufacturing					1	4.7	2.3
334	Computer and Electronic Product Manufacturing					1	5.4	2.8
336	Transportation Equipment Manufacturing					2	10	3.4
339	Miscellaneous Manufacturing					1	2.9	2.7
311	Food Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	16	5	30.3	7.8
312	Beverage and Tobacco Product Manufacturing					1	5.2	10.3
325	Chemical Manufacturing					2	11.8	6
326	Plastics and Rubber Products Manufacturing					1	3.6	2.2
311	Food Manufacturing	Production	51-9199	Production Workers, All Other	20	2	10.9	2
325	Chemical Manufacturing					1	3.5	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**  
**ATTACHMENT M - Regional Data**  
**INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION**

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	24	1	3.5	2.8	\$83,095	Bachelor's degree	None	None
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	14	2	10.8	5.6	\$93,438	Bachelor's degree	None	None
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	13	1	6.2	1.1	\$74,902	Bachelor's degree	None	None
				2	12.3	3.3				
				1	6.3	1.8				
				2	11.9	2.2				
Manufacturing Production Process Development	41-4011	Sales Reps, Whls/Mfg, Tech/SciProds**	16	1	3.9	1.7	\$73,452	Bachelor's degree	None	Moderate-term on-the-job training
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	63	1	1	1.1	\$49,896	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1.2	4.4				
				1	2	2.1				
				1	1.4	2.3				
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	33	1	2.6	1.3	\$31,334	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.9	1.8				
				1	1.7	2				
				1	3.9	1.8				
				1	2.5	1.7				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	37	1	2.5	1.2	\$54,703	High school diploma or equivalent	None	Long-term on-the-job training
				3	9.1	2.4				
				1	1.7	3.5				
				1	1.5	1.4				
				1	3.4	3.7				
				2	5.3	2.7				
				1	3.4	2.1				
				1	1.7	1.6				
				1	3.8	4				
				2	4.5	1.1				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	54	2	5	1.9	\$36,496	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.3	2.3				
				1	1.2	2.4				
				1	1.1	4.4				
				1	1.4	1.4				
Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	19	1	1.2	1.2	\$59,466	Postsecondary non-degree award	1 to 5 years	None
				1	7.8	3.2				
				1	2.9	3.9				
				1	4.9	3.9				
				1	4.5	4.4				
				1	2.8	4.5				
				2	11.1	4.3				
				1	5.7	3.3				
				1	3.1	1.9				
				1	7.2	2.9				
Production	51-2092	Team Assemblers	38	1	3.2	3.5	\$26,217	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.5	1.9				
				1	3.3	9.1				
				1	3.6	6.5				
				3	7.3	5.3				
				4	10	10.7				
				1	3.6	4.1				
				1	3.8	12.8				
				8	20.3	15.1				

ATTACHMENT M - Regional Data				1	3.3	9.9				
				2	5.6	11.6				
Production	51-3092	Food Batchmakers	10	8	79.3	5.6	\$41,121	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-4011	Computer-Controlled Machine Tool Operators**	19	1	4.5	1.2	\$38,119	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4	1.8				
				7	39.3	4.2				
				3	18.4	2.9				
				1	5	0.9				
				1	3.7	1.8				
				3	18.2	2				
Production	51-4041	Machinists**	29	1	3.9	1.2	\$41,913	High school diploma or equivalent	None	Long-term on-the-job training
				1	1.9	2.2				
				10	35.1	10.2				
				5	16.6	7				
				1	3	1.4				
				3	12	3.6				
				1	2.7	2.3				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	15	4	24.3	6.2	\$35,894	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				2	13.2	4.9				
				2	12.5	3.3				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	19	1	6.6	2.2	\$31,834	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.8	3.2				
				1	5.6	4.7				
				2	8.9	2.9				
				1	4.7	2.3				
				1	5.4	2.8				
				2	10	3.4				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	16	1	2.9	2.7	\$26,758	High school diploma or equivalent	None	Moderate-term on-the-job training
				5	30.3	7.8				
				1	5.2	10.3				
				2	11.8	6				
Production	51-9199	Production Workers, All Other	20	1	3.6	2.2	\$20,603	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	10.9	2				
				1	3.5	1.2				
				1	3.8	0.7				
				1	2.9	0.7				
				1	4.8	0.9				
				1	2.8	1.4				

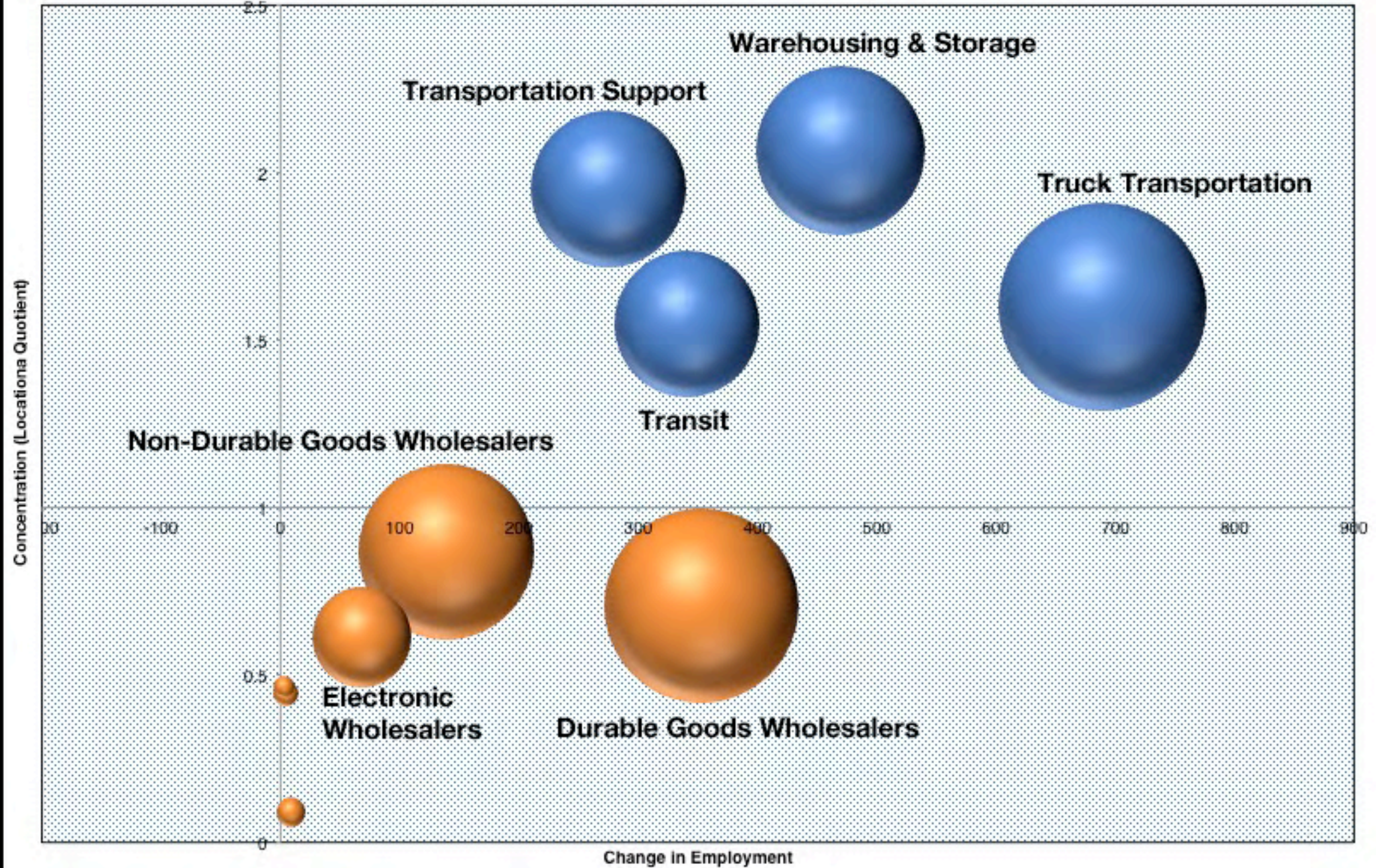


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWEST REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	3,951	4,304	353	8.9%	0.71	Emerging
424	Merchant Wholesalers, Nondurable Goods	3,367	3,506	139	4.1%	0.87	Emerging
425	Wholesale Electronic Markets and Agents and Brokers	1,064	1,132	68	6.4%	0.61	Emerging
481	Air Transportation	82	91	9	11.0%	0.09	Emerging
483	Water Transportation	59	64	5	8.5%	0.45	Emerging
484	Truck Transportation	4,253	4,942	689	16.2%	1.60	Leading
485	Transit and Ground Passenger Transportation	2,086	2,427	341	16.3%	1.55	Leading
486	Pipeline Transportation	41	44	3	7.3%	0.46	Emerging
487	Scenic and Sightseeing Transportation	-	-	-	0.0%	-	
488	Support Activities for Transportation	2,528	2,803	275	10.9%	1.95	Leading
492	Couriers and Messengers	403	402	(1)	-0.2%	0.39	
493	Warehousing and Storage	2,801	3,270	469	16.7%	2.07	Leading



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWEST REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	52	1	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					1	1.6	1.2
488	Support Activities for Transportation					1	1	2.3
481	Air Transportation	Sales and Service	43-5011	Cargo & Freight Agents (Route Planners)	19	2	9.5	2.1
484	Truck Transportation					2	8.3	0.5
488	Support Activities for Transportation					12	63.6	8.4
492	Couriers and Messengers					1	7.6	1.4
423	Merchant Wholesalers, Durable Goods	Transportation Operations	43-5032	Dispatchers**	18	1	2.9	0.2
484	Truck Transportation					3	17.9	2.6
485	Transit and Ground Passenger Transportation					1	7.8	3.2
488	Support Activities for Transportation					1	7.9	2.4
492	Couriers and Messengers					1	3.1	1.3
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	33	4	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					3	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers					2	5	7.2
493	Warehousing and Storage					2	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	59	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	15	2	10.6	1
484	Truck Transportation					3	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	19	1	2.7	0.5
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	12	5	42.3	15.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	48	20	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	121	4	3.2	2
424	Merchant Wholesalers, Nondurable Goods					10	7.9	7.3
425	Wholesale Electronic Markets and Agents and Brokers					1	0.5	0.8
484	Truck Transportation					56	46.3	59.7
488	Support Activities for Transportation					4	3.1	8.5
492	Couriers and Messengers					2	1.5	5.6
493	Warehousing and Storage					3	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	38	3	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					3	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.8	1.4
484	Truck Transportation					2	6.1	3.6
492	Couriers and Messengers					6	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	52	1	2.5	1.3	\$44,175	High school diploma or equivalent	1 to 5 years	None
Sales and Service	43-5011	Cargo & Freight Agents (Route Planners)	19	1	1.6	1.2	\$25,455	High school diploma or equivalent	None	Short-term on-the-job training
				1	1	2.3				
				2	9.5	2.1				
				2	8.3	0.5				
Transportation Operations	43-5032	Dispatchers**	18	12	63.6	8.4	\$34,750	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.6	1.4				
				1	2.9	0.2				
				3	17.9	2.6				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	33	1	7.8	3.2	\$31,334	High school diploma or equivalent	None	Short-term on-the-job training
				1	7.9	2.4				
				1	3.1	1.3				
				4	13.5	3.2				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	59	3	7.8	2.7	\$41,098	High school diploma or equivalent	None	Long-term on-the-job training
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	15	1	2.7	1.7				
				2	10.6	1				
				3	18.6	3.5				
Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	19	1	5	2.6	\$59,466	Postsecondary non-degree award	1 to 5 years	None
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	12	5	42.3	15.1				
Transportation Operations	53-3022	School Bus Drivers	48	20	41.2	41.1				
				4	3.2	2				
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	121	10	7.9	7.3	\$41,055	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				1	0.5	0.8				
				56	46.3	59.7				
				4	3.1	8.5				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	38	2	1.5	5.6	\$30,849	High school diploma or equivalent	None	Short-term on-the-job training
				3	2.2	5.3				
				3	8.4	2.5				
				3	7.6	3.2				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	38	1	1.8	1.4	\$30,849	High school diploma or equivalent	None	Short-term on-the-job training
				2	6.1	3.6				
				6	17.1	30.5				
				1	1.9	2.1				

## HEALTH CARE

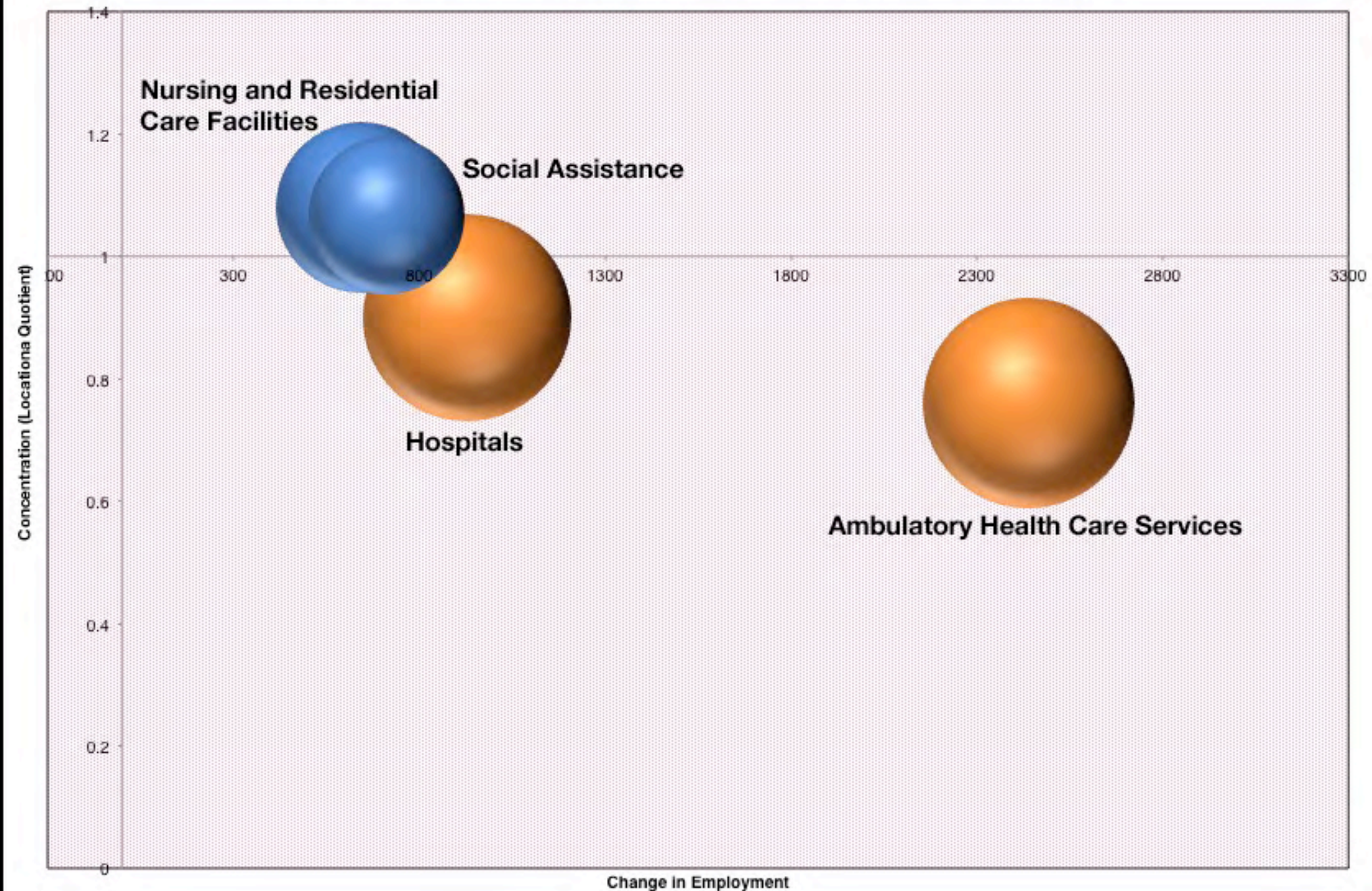
### LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWEST REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	9,670	12,110	2,440	25.2%	0.76	Emerging
622	Hospitals	10,745	11,674	929	8.6%	0.90	Emerging
623	Nursing and Residential Care Facilities	7,275	7,920	645	8.9%	1.08	Leading
624	Social Assistance	5,952	6,664	712	12.0%	1.07	Leading



## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWESTERN REGION



HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual	2022 Percent	2022 Percent
						Occupation in this Industry	of Employment that is in this Industry	of Employment that is in this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	13	1	5.9	0.2
622	Hospitals					1	6	0.3
621	Ambulatory Health Care Services					6	30	1.3
622	Hospitals	Health Informatics	11-9111	Medical & Health Services Managers	19	7	36.4	2.1
623	Nursing and Residential Care Facilities					2	10.8	1.1
621	Ambulatory Health Care Services					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
623	Nursing and Residential Care Facilities	Support Services	21-1015	Rehabilitation Counselors	7	1	13.4	0.5
624	Social Assistance					3	45.7	1.8
621	Ambulatory Health Care Services					2	25.1	0.5
622	Hospitals	Support Services	21-1022	Medical Health Social Workers	7	2	28.4	0.8
623	Nursing and Residential Care Facilities					1	15.1	0.7
624	Social Assistance					1	14.6	0.7
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	19	2	8	0.4
622	Hospitals					1	3.1	0.2
623	Nursing and Residential Care Facilities					3	17.1	2
624	Social Assistance	Health Informatics	21-1099	Community/Social Services Specialists, All Other	7	8	40.7	5.1
624	Social Assistance					2	25.9	0.9
624	Social Assistance					2	25.9	0.9
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	14	1	4.2	0.2
622	Hospitals					4	25.3	1.3
621	Ambulatory Health Care Services					3	39.9	0.7
622	Hospitals	Therapeutic Services	29-1122	Occupational Therapists	7	2	26.2	0.6
623	Nursing and Residential Care Facilities					1	9	0.3
621	Ambulatory Health Care Services					14	56.3	1.8
622	Hospitals	Therapeutic Services	29-1123	Physical Therapists	25	6	25	1
623	Nursing and Residential Care Facilities					2	6.7	0.5
621	Ambulatory Health Care Services					3	28.4	0.5
622	Hospitals	Therapeutic Services	29-1127	Speech-Language Pathologists	12	2	13.6	0.3
623	Nursing and Residential Care Facilities					1	4.9	0.2
621	Ambulatory Health Care Services					1	4.2	0.2
622	Hospitals	Therapeutic Services	29-1141	Registered Nurses	154	31	20.1	7.4
623	Nursing and Residential Care Facilities					91	59.2	28.9
624	Social Assistance					11	7	5.8
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	6	1	0.9	0.8
622	Hospitals					4	62	1
621	Ambulatory Health Care Services					2	25.4	0.6
622	Hospitals	Diagnostic Services	29-2011	Med & Clinical Lab Technologists	6	2	32.3	0.7
621	Ambulatory Health Care Services					3	57	1.6
622	Hospitals					4	44.3	1.1
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	10	4	41.4	1.3
622	Hospitals					4	41.4	1.3
621	Ambulatory Health Care Services					11	97.4	2.8
621	Ambulatory Health Care Services	Diagnostic Services	29-2021	Dental Hygienists	9	3	36.7	1
622	Hospitals					5	56.9	2.1
621	Ambulatory Health Care Services					10	55	1.8
622	Hospitals	Therapeutic Services	29-2034	Radiologic Technologists/Technicians	18	3	15.2	0.7
621	Ambulatory Health Care Services					3	3.5	0.2
622	Hospitals					1	3.5	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	16	3	16.2	1
622	Hospitals					3	3.5	0.2
621	Ambulatory Health Care Services					12	28.9	3
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	41	7	16.3	2.3
621	Ambulatory Health Care Services					16	39.1	9.1
622	Hospitals					1	1.4	0.4
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	12	4	35.4	0.9
622	Hospitals					5	37.6	1.3
621	Ambulatory Health Care Services					1	8.9	0.5
622	Hospitals	Health Informatics	29-2071	Med Records & Health Info Technicians	7	4	53.4	0.5
621	Ambulatory Health Care Services					4	53.4	0.5
622	Hospitals					8	9	1.8
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	84	20	24.4	6.6
622	Hospitals					45	53.9	24.4
621	Ambulatory Health Care Services					2	1.9	1
622	Hospitals	Therapeutic Services	31-1014	Nursing Assistants	8	5	61.2	0.7
621	Ambulatory Health Care Services					2	22.9	0.3
622	Hospitals					1	12.1	0.3
621	Ambulatory Health Care Services	Therapeutic Services	31-2021	Physical Therapist Assistants	8	5	67.9	0.5
622	Hospitals							
621	Ambulatory Health Care Services							

622	Hospitals	Therapeutic Services	31-2022	Physical Therapist Aides	7	1	21	0.2
623	Nursing and Residential Care Facilities					1	7.3	0.1
621	Ambulatory Health Care Services	Health Informatics	31-9011	Massage Therapists	9	2	24.6	0.5
621	Ambulatory Health Care Services					2	24.6	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	12	11	95.4	4.1
622	Ambulatory Health Care Services					26	79.7	6.6
622	Hospitals	Health Informatics	31-9092	Medical Assistants	33	4	12.4	1.4
623	Nursing and Residential Care Facilities					1	2	0.4
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	15	3	22.5	0.3
622	Hospitals					5	33.9	0.6
623	Nursing and Residential Care Facilities	Hospitals				1	8.5	0.3
622	Hospitals					1	1.2	0.2
622	Hospitals	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	58	1	1.2	0.2
623	Nursing and Residential Care Facilities					2	2.7	0.7
623	Nursing and Residential Care Facilities	Health Informatics				2	2.7	0.7
621	Ambulatory Health Care Services					2	11.8	0.6
622	Hospitals	Health Informatics	43-3011	Bill and Account Collectors**	18	2	4.6	0.3
621	Ambulatory Health Care Services					1		
622	Hospitals	Health Informatics	43-4171	Receptionists & Information Clerks **	49	20	40.6	5.3
622	Hospitals					2	3.7	0.6
623	Nursing and Residential Care Facilities	Social Assistance				1	2.9	0.8
624	Social Assistance					1	2	0.6

HEALTH CARE										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION										
Primary	SOC Code	SOC Title	Average Annual Job Openings in this industry	Annual Employment in this industry	2022 Percent of Employment in this industry	Median Annual Wage	Education Entry level	Experience Entry level	Training Entry level	
Health Informatics	11-3011	Administrative Services Managers **	13	1	5.9	0.2				
				1	6	0.3				
				6	30	1.3				
Health Informatics	11-9111	Medical & Health Services Managers	19	7	36.4	2.1	Bachelor's degree	None	None	
				2	10.8	1.1				
				3	30.4	0.6				
Support Services	21-1014	Mental Health Counselors**	10	1	10	0.3	Master's degree	None	Internship/residency	
				2	17.6	0.7				
				2	20.1	0.9				
Support Services	21-1015	Rehabilitation Counselors	7	1	13.4	0.5	Master's degree	None	None	
				3	45.7	1.8				
				2	25.1	0.5				
Support Services	21-1022	Medical Health Social Workers	7	2	28.4	0.8	Master's degree	None	None	
				1	15.1	0.7				
				1	14.6	0.7				
Support Services	21-1099	Social & Human Services Assistants**	19	1	3.1	0.2	High school diploma or equivalent	None	Short-term on-the-job training	
				3	17.1	2				
				8	40.7	5.1				
Health Informatics	21-1099	Community/Social Services Specialists, All Other	7	2	25.9	0.9	Master's degree	None	None	
				2	25.9	0.9				
				1	4.2	0.2				
Therapeutic Services	29-1051	Pharmacists	14	4	25.3	1.3	Doctoral or professional degree	None	None	
				3	39.9	0.7				
				2	26.2	0.6				
Therapeutic Services	29-1122	Occupational Therapists	7	1	9	0.3	Master's degree	None	None	
				14	56.3	1.8				
				6	25	1				
Therapeutic Services	29-1123	Physical Therapists	25	2	6.7	0.5	Doctoral or professional degree	None	None	
				3	28.4	0.5				
				2	13.6	0.3				
Therapeutic Services	29-1127	Speech-Language Pathologists	12	1	4.9	0.2	Master's degree	None	None	
				1	4.2	0.2				
				31	20.1	7.4				
Therapeutic Services	29-1141	Registered Nurses	154	91	59.2	28.9	Associate's or Bachelor's degree	None	None	
				11	7	5.8				
				1	0.9	0.8				
Therapeutic Services	29-1171	Nurse Practitioners	6	4	62	1	Master's degree	None	None	
				2	25.4	0.6				
				2	32.3	0.7				
Diagnostic Services	29-2011	Med & Clinical Lab Technologists	6	3	57	1.6	Bachelor's degree	None	None	
				4	44.3	1.1				
				4	41.4	1.3				
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	10	4	41.4	1.3	Associate's degree	None	None	
				11	97.4	2.8	Associate's degree	None	None	
				3	36.7	1				
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	9	5	56.9	2.1	Associate's degree	None	None	
				10	55	1.8				
				3	15.2	0.7				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	1	3.5	0.2	Postsecondary non-degree award	None	None	
				12	28.9	3				
				7	16.3	2.3				
Therapeutic Services	29-2052	Pharmacy Technicians	16	3	16.2	1	High school diploma or equivalent	None	Moderate term on-the-job training	
				16	39.1	9.1				
				4	53.4	0.5				
Therapeutic Services	29-2061	Licensed Practical Nurses	41	1	1.4	0.4	Postsecondary non-degree award	None	None	
				4	35.4	0.9				
				5	37.6	1.3				
Health Informatics	29-2071	Med Records & Health Info Technicians	12	1	8.9	0.5	Postsecondary non-degree award	None	None	
				4	53.4	0.5				
				4	53.4	0.5				
Health Informatics	29-2081	Opticians, Dispensing	7	8	9	1.8	High school diploma or equivalent	None	Long term on-the-job training	
				20	24.4	6.6				
				45	53.9	24.4				
Therapeutic Services	31-1014	Nursing Assistants	84	2	1.9	1	Postsecondary non-degree award	None	None	
				5	61.2	0.7				
				1	12.1	0.3				
Therapeutic Services	31-2021	Physical Therapist Assistants	8	2	22.9	0.3	Associate's degree	None	None	
				5	67.9	0.5				
				1	21	0.2				
Therapeutic Services	31-2022	Physical Therapist Aides	7	1	7.3	0.1	High school diploma or equivalent	None	Moderate term on-the-job training	
				2	24.6	0.5				
				2	24.6	0.5				
Health Informatics	31-9011	Massage Therapists	9	11	95.4	4.1	Postsecondary non-degree award	None	None	
				26	79.7	6.6				
				4	12.4	1.4				
Therapeutic Services	31-9091	Dental Assistants	12	1	2.5	0.3	Postsecondary non-degree award	None	Moderate term on-the-job training	
				3	22.5	0.3				
				5	33.9	0.6				
Health Informatics	31-9099	Healthcare Support Workers, All Other	15	1	1.2	0.2	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 Sys/Mgrs, Food Prep/Serv **	58	2	2.7	0.7	High school diploma or equivalent	1 to 5 years	None	
				2	2.7	0.7				
				2	11.8	0.6				
Health Informatics	43-3011	Bill and Account Collectors**	18	1	4.6	0.3	High school diploma or equivalent	None	Moderate term on-the-job training	
				20	40.6	5.3				
				2	3.7	0.6				
Health Informatics	43-4171	Receptionists & Information Clerks **	49	1	2.9	0.8	High school diploma or equivalent	None	Short term on-the-job training	
				1	2	0.6				

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	21	522	Credit intermediation and related activities	1	4.1
			524	Insurance carriers and related activities	2	8.2
			551	Management of companies and enterprises	2	7.3
			611	Educational services; state, local, and private	1	4.5
			5241	Insurance carriers	2	7.4
			5415	Computer systems design and related services	6	28.9
			5416	Management, scientific, and technical consulting services	1	3.9
			9992	State government, excluding education and hospitals	1	3.6
			524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
15-1131	Computer Programmers	23	5112	Software publishers	1	5.4
			5415	Computer systems design and related services	9	40.6
			5613	Employment services	1	3.9
15-1132	Software Developers, Applications	24	334	Computer and electronic product manufacturing	1	3.5
			524	Insurance carriers and related activities	1	5.2
			551	Management of companies and enterprises	1	4.3
			5112	Software publishers	2	8.0
			5241	Insurance carriers	1	4.4
			5415	Computer systems design and related services	9	38.9
			5416	Management, scientific, and technical consulting services	1	4.1
15-1133	Software Developers, Systems Software	14	334	Computer and electronic product manufacturing	2	10.8
			423	Merchant wholesalers, durable goods	1	3.7
			5112	Software publishers	1	6.9
			5413	Architectural, engineering, and related services	1	4.5
			5415	Computer systems design and related services	5	37.8
			5416	Management, scientific, and technical consulting services	1	4.9
			5417	Scientific research and development services	0	3.5
15-1142	Network & Computer Sys. Administrators	9	517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
			551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	2	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
			423	Merchant wholesalers, durable goods	1	5.2
15-1151	Computer User Support Specialists	17	551	Management of companies and enterprises	1	4.4
			611	Educational services; state, local, and private	2	12.7
			5112	Software publishers	1	4.3
			5415	Computer systems design and related services	4	24.6
			5613	Employment services	1	3.6
15-1152	Computer Network Support Specialists	4	423	Merchant wholesalers, durable goods	0	4.3
			517	Telecommunications	0	7.3
			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	1	25.2



TRANSPORTATION, DISTRIBUTION & LOGISTICS					
SOUTHERN 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
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
School Bus Drivers					Lewis & Clark CC
Bus Drivers, Transit & Intercity	Community Colleges	Kaskaskia College	23	< 1 Yr Cert	Premier CDL Training Services
Truck Drivers, Light & Delivery Services					Rock Gate Capital
Cargo & Freight Agents (Route Planners)	52.0408	General Office Occupations			
	Community Colleges	Kaskaskia College	23	1-2 Yr Cert	
		Lewis & Clark CC	3	1-2 Yr Cert	
Shipping, Receiving, & Traffic Clerks**	52.0410	Traffic, Customs, Transp Clerk		No Programs in this EDR	
	No Related Program of Study for This Occupation				

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

MANUFACTURING					
SOUTHWEST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Completions	Degree Type	WIOA Eligible Training Providers
Machinists**	48.0503	Mach Shop Technology		No programs in this EDR	
Food Batchmakers	No Related Program of Study for This Occupation				
Team Assemblers	No Related Program of Study for This Occupation				
Computer-Controlled Machine Tool Operators**	48.0503	Mach Shop Technology		No programs in this EDR	
	48.051	CNC Machinist Technology		No programs in this EDR	
Chemical Equipment Operators/Tenders	41.0301	Chemical Technology		No programs in this EDR	

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

# HEALTH CARE

## SOUTHWEST 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	Lewis & Clark CC	107	Associate	Lewis & Clark CC
		Southwestern CC	67	Associate	Southwestern CC
	Other Colleges	McKendree University	108	Associate	Southern IL Univ - Edwardsville
			27	Masters	
	Related Programs	Southern IL Univ - Edwardsville			
	51.3802	Nursing Administration.	0	Masters	
	51.3804	Nurse Anesthetist.	24	Masters	
	51.3805	Family Practice Nurse/Nursing.	21	Masters	
	51.3810	Psychiatric/Mental Health Nurse/Nursing.	0	Masters	
51.3811	Public Health/Community Nurse/Nursing.	0	Masters		
	51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.	0	Masters	
	51.3817	Nursing Education	14	Masters	
	51.3902	Nurse Aide			
Nursing Assistants	Community Colleges	Lewis & Clark CC	172	< 1 Yr Cert	Southwestern CC
		kaskaskia CC	326	< 1 Yr Cert	
		Southwestern CC	317	< 1 Yr Cert	
	51.0710	Med Office Asst/Specialist	No Programs in this EDR		
	51.0712	Medical Reception/Receptionist.	No Programs in this EDR		
Medical Assistants	51.0713	Medical Insurance Coding Specialist/Coder			
	Community Colleges	Southwestern IL College	1	1-2 Yr Cert	
	51.0716	Med Admin/Exec Assistant & Med Secretary.			
	Community Colleges	Kaskaskia CC	4	1-2 Yr Cert	
	51.0801	Med/Clinical Assistant			
	Community Colleges	Southwestern IL College	40	1-2 Yr Cert	CALC, Inst of Technology
			15	Associate	
	51.0809	Anesthesiologist Asst	No Programs in this EDR		
	51.0813	Chiropractic Asst/Technician	No Programs in this EDR		
	Licensed Practical Nurses	51.3901	Licensed Practical Nurse		
Community Colleges		Kaskaskia CC	55	1-2 Yr Cert	Career Ctr of So. IL

Notes: SIU-E has a Bach. of Sc. w/a Major in Nursing for Registered Nurses and a

Post-BA Accelerated BS Degree in Nursing (ABS) Option

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

**ATTACHMENT M - Regional Data**

<b>Southwestern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
501	Kaskaskia	284	295	682	1,261
536	Lewis & Clark	320	153	514	987
522	Southwestern	614	180	1,317	2,111
Southwestern Total		1,218	628	2,513	4,359
<b>State Total</b>		<b>11,555</b>	<b>6,876</b>	<b>28,142</b>	<b>46,573</b>
% of State Total		10.5%	9.1%	8.9%	9.4%

**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

<b>Southwestern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
501	Kaskaskia	216	31	0	0	5	0	71	0	323
536	Lewis & Clark	81	300	0	0	7	11	12	0	411
522	Southwestern	434	282	0	0	5	15	4	0	740
Southwestern Total		731	613	0	0	17	26	87	0	1,474
<b>State Total</b>		<b>11,569</b>	<b>6,952</b>	<b>642</b>	<b>13</b>	<b>217</b>	<b>131</b>	<b>3,706</b>	<b>9</b>	<b>23,239</b>
% of State Total		6.3%	8.8%	0.0%	0.0%	7.8%	19.8%	2.3%	0.0%	6.3%

<b>Southwestern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	ABE	ASE	ESL	General Studies	General Associates	Total	Noncredit Total
501	Kaskaskia	5,097	847	2,780	292	0	0	1	1,198	10,215	2,128
536	Lewis & Clark	3,266	292	6,158	238	188	35	5	1,143	11,325	3,272
522	Southwestern	10,039	1	8,537	1,279	571	261	44	2	20,734	4,580
Southwestern Total		18,402	1,140	17,475	1,809	759	296	50	2,343	42,274	9,980
<b>State Total</b>		<b>287,076</b>	<b>70,776</b>	<b>172,630</b>	<b>27,441</b>	<b>11,382</b>	<b>36,994</b>	<b>2,789</b>	<b>50,624</b>	<b>659,712</b>	<b>193,812</b>
% of State Total		6.4%	1.6%	10.1%	6.6%	6.7%	0.8%	1.8%	4.6%	6.4%	5.1%

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

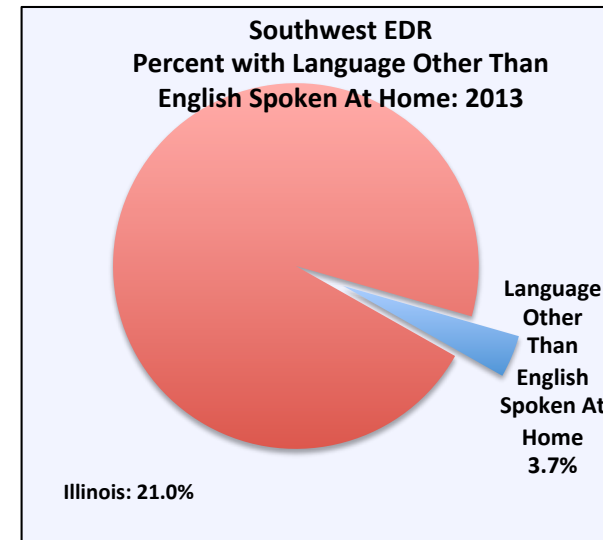
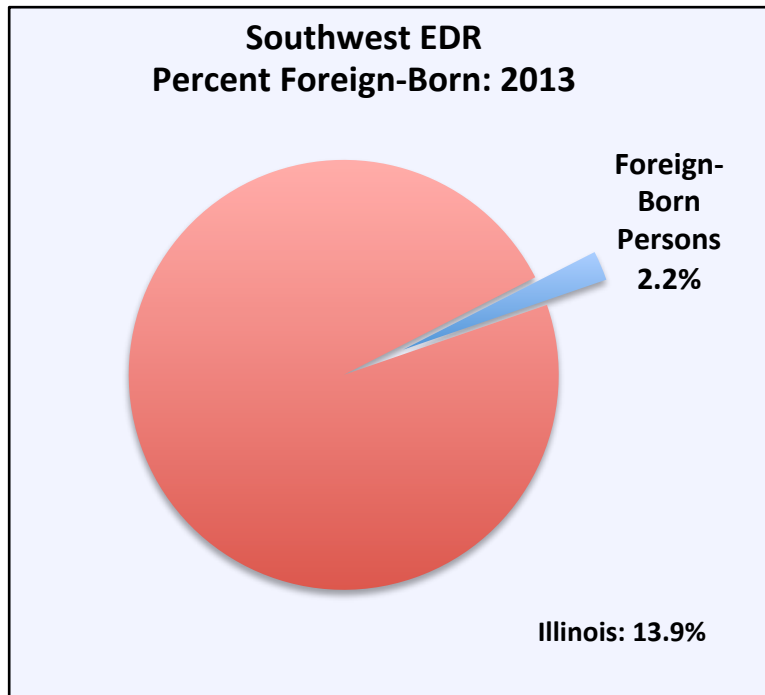
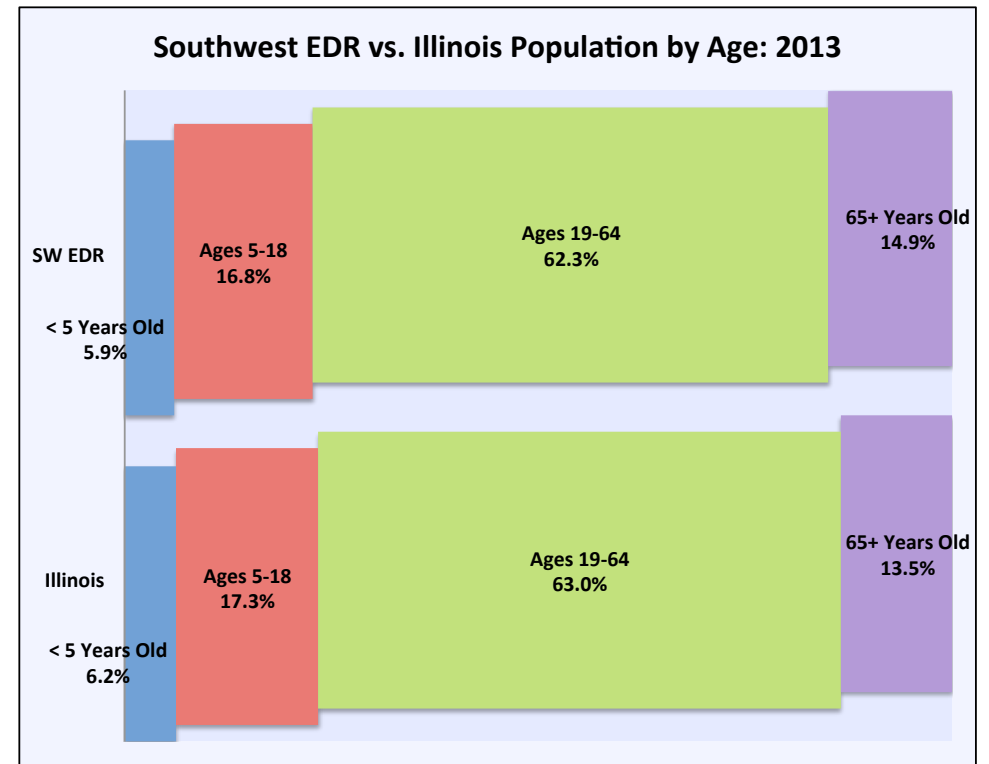
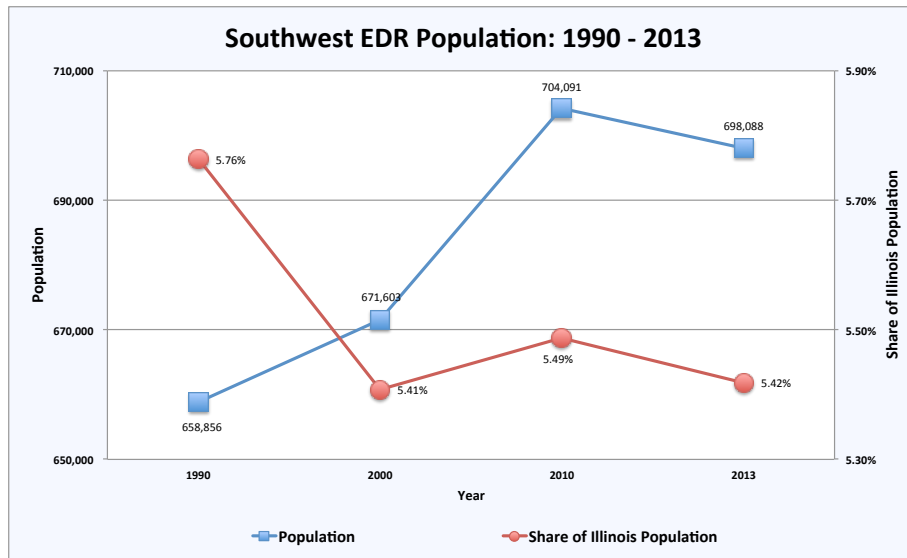
\*\* Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

**ATTACHMENT M - Regional Data**
**Southwestern** 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*
501	Kaskaskia	38	113	0	36	312	0	0	611	73	43	22	67	75	2	34	81	0	1,507
536	Lewis & Clark	32	38	56	77	100	14	0	435	0	6	83	132	76	3	308	38	0	1,398
522	Southwestern	16	83	39	89	480	0	0	703	44	55	184	364	403	3	287	92	2	2,844
Southwestern Total		86	234	95	202	892	14	0	1,749	117	104	289	563	554	8	629	211	2	5,749
<b>State Total</b>		<b>935</b>	<b>2,893</b>	<b>815</b>	<b>3,098</b>	<b>16,744</b>	<b>27</b>	<b>0</b>	<b>18,294</b>	<b>1,729</b>	<b>2,109</b>	<b>2,396</b>	<b>2,918</b>	<b>2,799</b>	<b>331</b>	<b>6,691</b>	<b>5,964</b>	<b>18</b>	<b>67,761</b>
% of State Total		9.2%	8.1%	11.7%	6.5%	5.3%	51.9%	0.0%	9.6%	6.8%	4.9%	12.1%	19.3%	19.8%	2.4%	9.4%	3.5%	11.1%	8.5%

\*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.

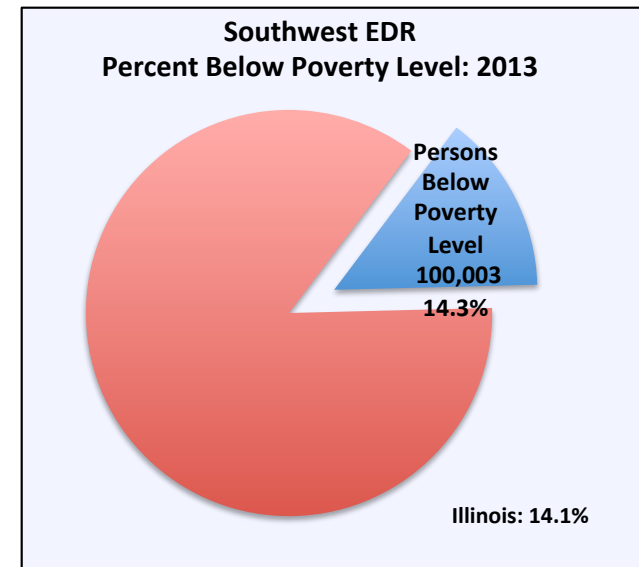
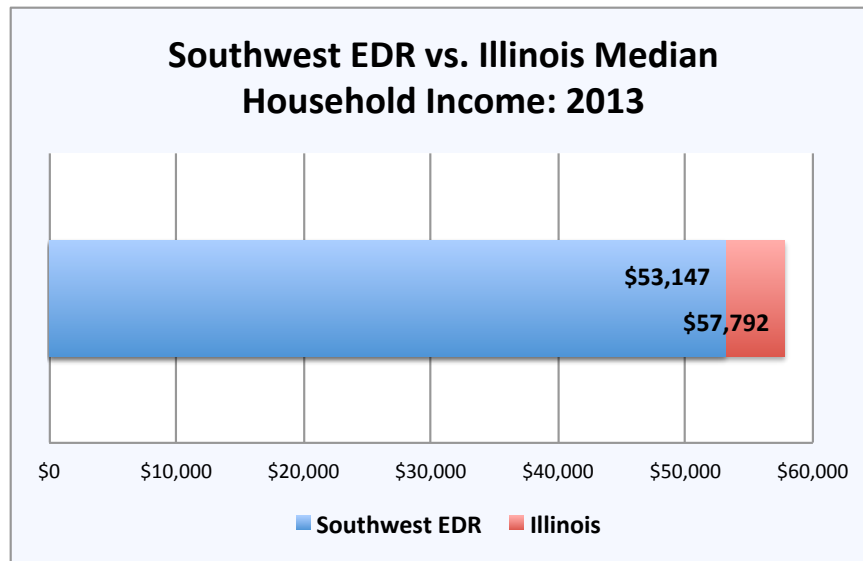
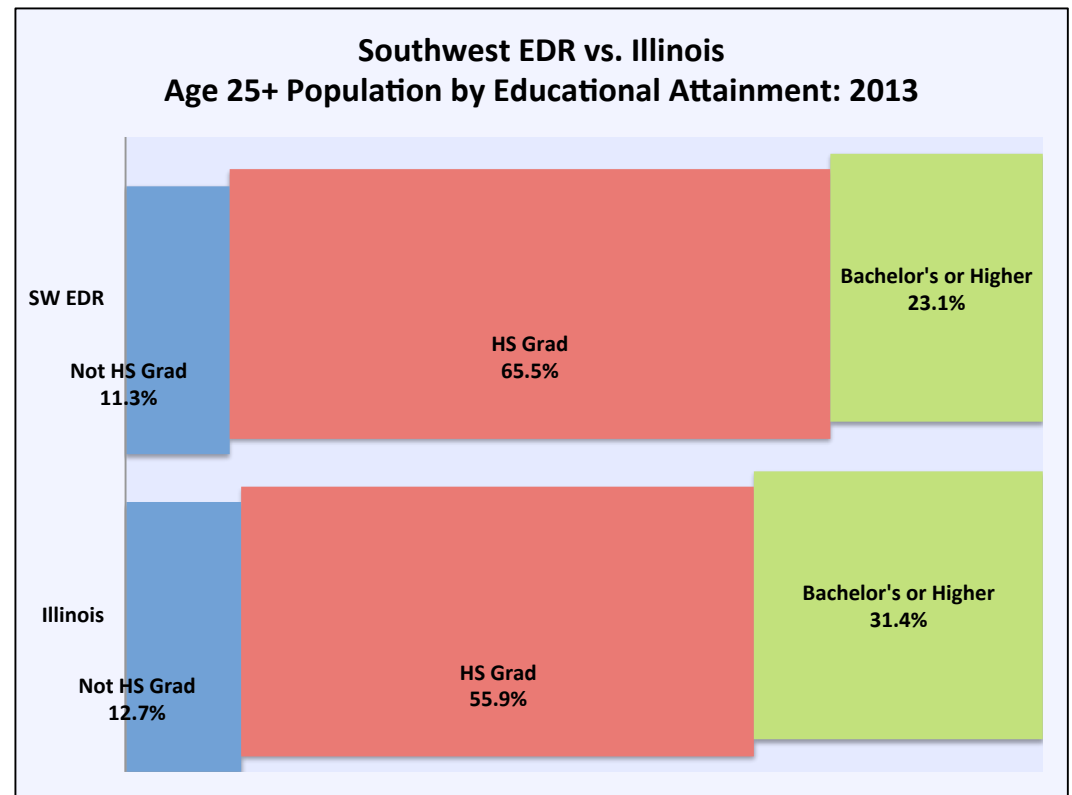
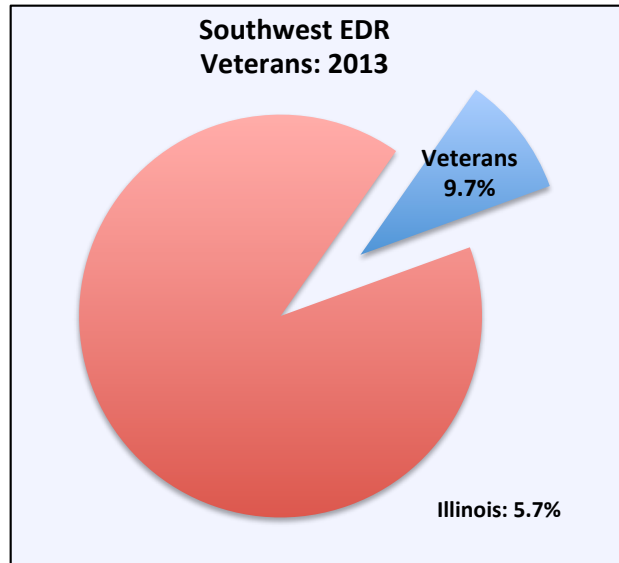
## ATTACHMENT M - Regional Data



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



## ATTACHMENT M - Regional Data



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

## SOUTHWEST REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	341,485
	Employed	317,128
	Unemployed	24,357
	Rate	7.1
TANF	Annual 2014	97,568
	Monthly Average	8,131
Corrections		7,674
Persons with Disabilities	Mental Disabilities	155
	Adults with Disabilities	69,007
Public Aid	Public Aid Recipients	183,347
	Adult Public Aid Recipients	103,331

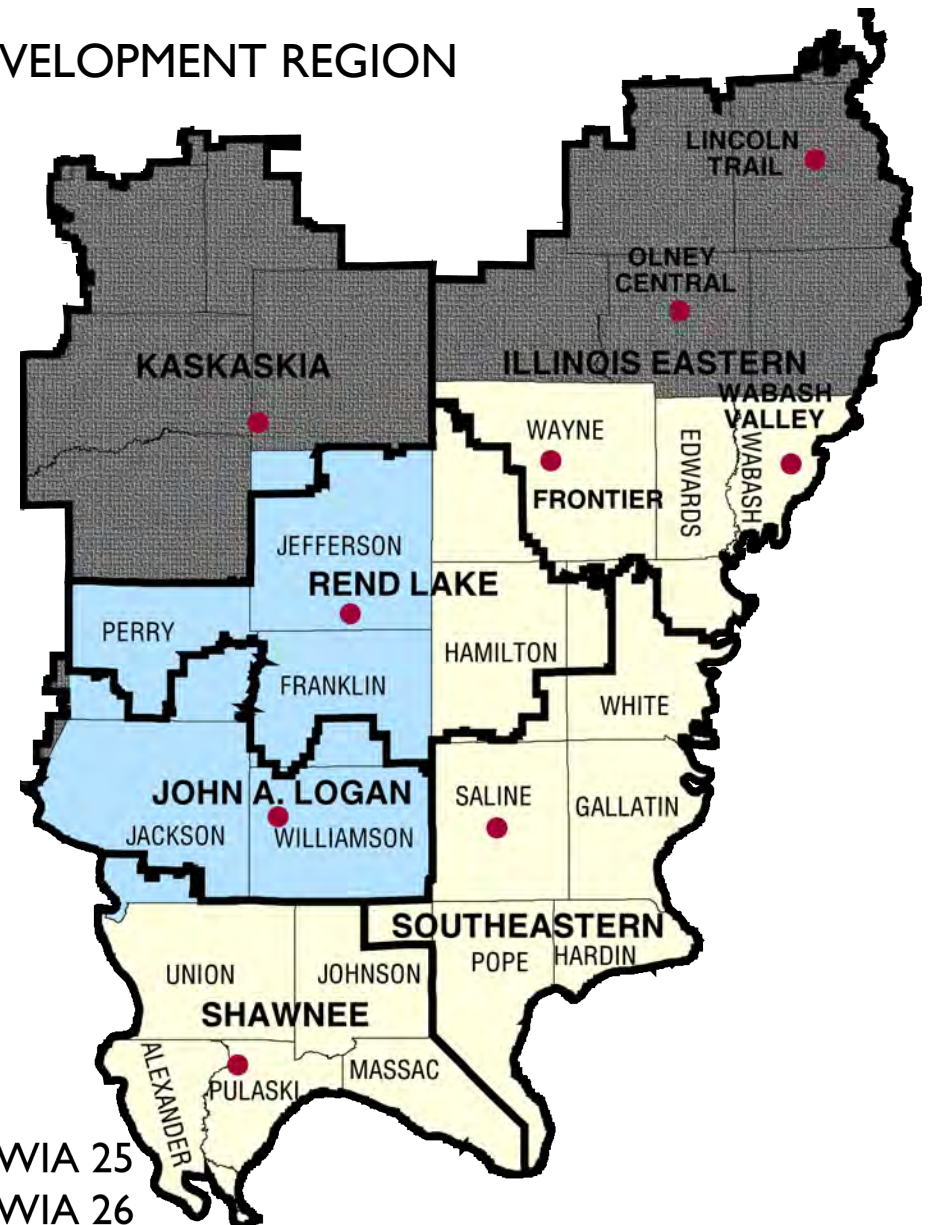
## SOUTHERN ECONOMIC DEVELOPMENT REGION




Southern EDR Counties	2013 Population Estimates	Percent of EDR Population
Alexander	7,629	2%
Edwards	6,672	2%
Franklin	39,202	10%
Gallatin	5,415	1%
Hamilton	8,368	2%
Hardin	4,181	1%
Jackson	59,814	16%
Jefferson	38,644	10%
Johnson	12,677	3%
Massac	15,073	4%
Perry	21,887	6%
Pope	4,312	1%
Pulaski	5,908	2%
Saline	24,939	7%
Union	17,583	5%
Wabash	11,665	3%
Wayne	16,612	4%
White	14,549	4%
Williamson	66,924	18%
<b>Total Population</b>	<b>382,054</b>	

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

Southern EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Carbondale	26,363	7%
Marion	17,413	5%
Mount Vernon	15,239	4%
Harrisburg	9,031	2%
West Frankfort	8,110	2%

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



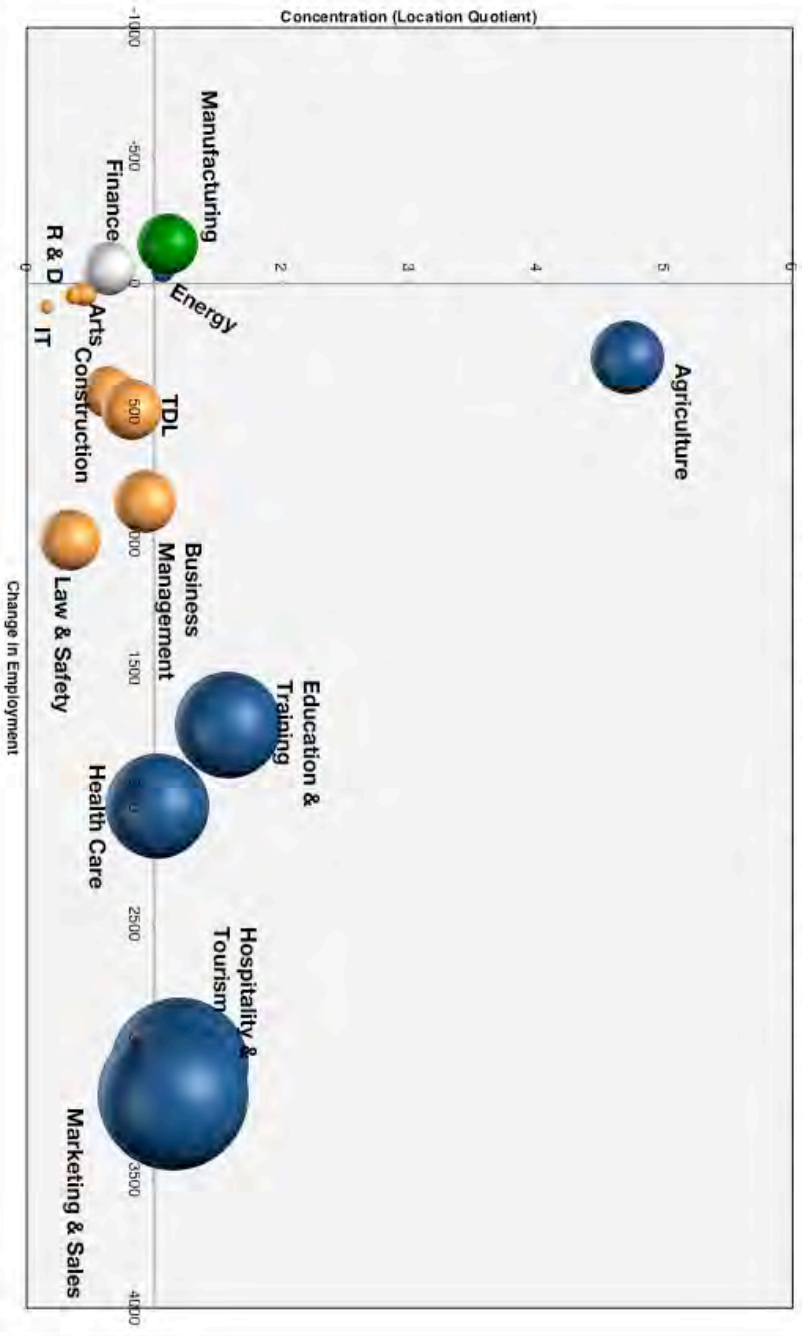
 LWIA 25  
 LWIA 26  
 COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

## SOUTHERN REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	45,112	48,282	3,170	7.0%	1.15
Hospitality & Tourism	37,182	40,237	3,055	8.2%	1.20
Education & Training	22,211	23,933	1,722	7.8%	1.58
Health Care	21,018	23,059	2,041	9.7%	1.02
Agriculture	10,920	11,206	286	2.6%	4.71
Business Management	7,101	7,951	850	12.0%	0.93
Manufacturing	7,874	7,722	152	-1.9%	1.11
Law & Public Safety	6,687	7,687	1,000	15.0%	0.34
Transportation, Distribution & Logistics	7,165	7,656	491	6.9%	0.82
Finance	5,854	5,793	61	-1.0%	0.64
Construction	5,096	5,517	421	8.3%	0.64
Arts & Audio Visual	1,236	1,274	38	3.1%	0.45
Energy	1,000	951	49	-4.9%	1.07
Research & Development	600	644	44	7.3%	0.37
Information Technology	292	384	92	31.5%	0.15

### MAJOR INDUSTRY CLUSTERS IN THE SOUTHERN REGION

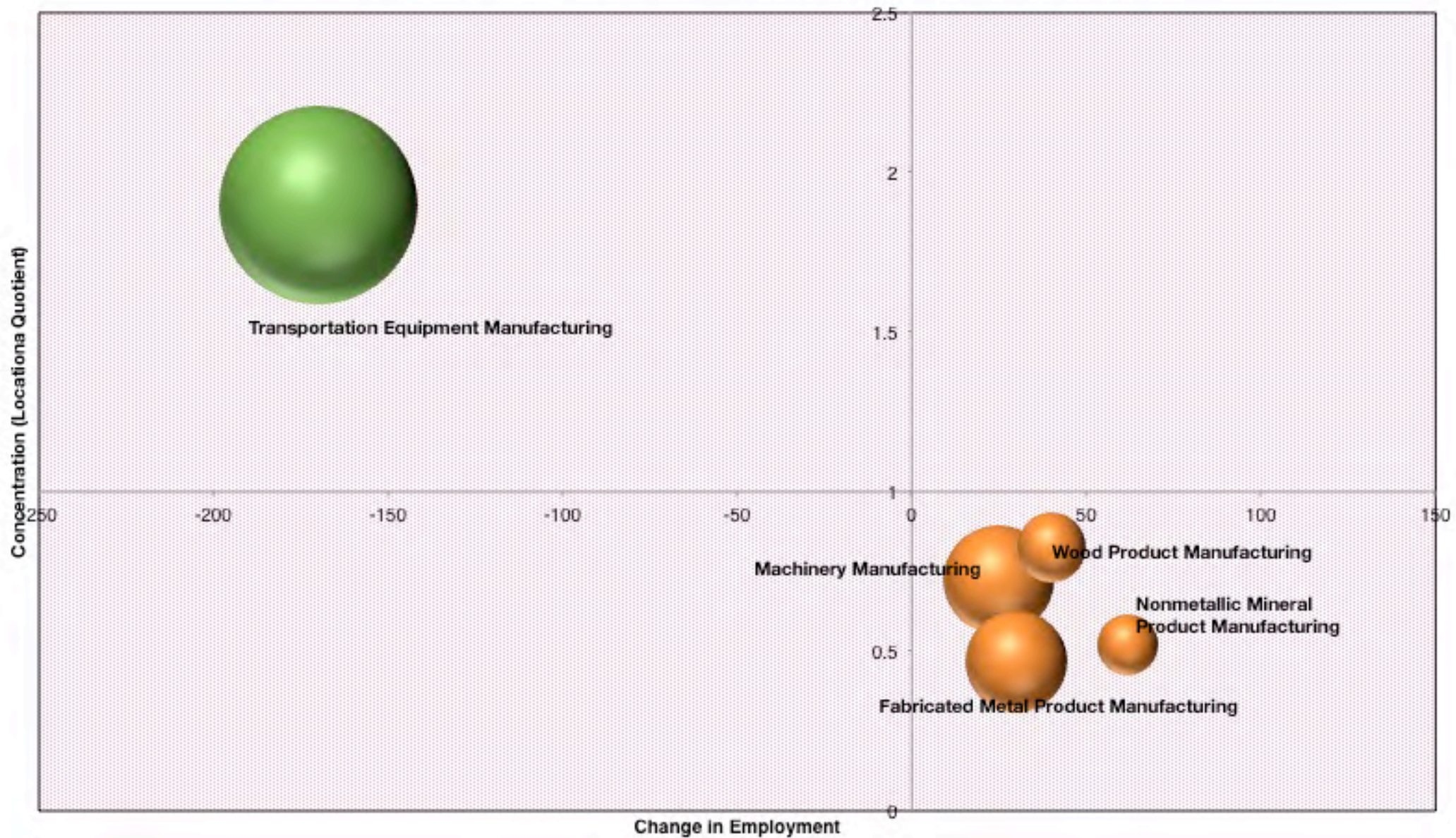


MANUFACTURING							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	% Change 2012-22	2014 LQ	Class
311	Food Manufacturing	188	186	(2)	-1.1%	0.11	
312	Beverage and Tobacco Product Manufacturing	84	71	(13)	-15.5%	0.38	
313	Textile Mills	-	-	-	0.0%	-	
314	Textile Product Mills	6	6	-	0.0%	0.04	
315	Apparel Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>326</b>	<b>366</b>	<b>40</b>	<b>12.3%</b>	<b>0.82</b>	<b>Emerging</b>
322	Paper Manufacturing	107	97	(10)	-9.3%	0.24	
323	Printing and Related Support Activities	96	73	(23)	-24.0%	0.18	
324	Petroleum and Coal Products Manufacturing	-	-	-	0.0%	-	
325	Chemical Manufacturing	394	382	(12)	-3.0%	0.43	
326	Plastics and Rubber Products Manufacturing	183	165	(18)	-9.8%	0.24	
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>221</b>	<b>283</b>	<b>62</b>	<b>28.1%</b>	<b>0.52</b>	<b>Emerging</b>
331	Primary Metal Manufacturing	446	440	(6)	-1.3%	0.96	
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>766</b>	<b>796</b>	<b>30</b>	<b>3.9%</b>	<b>0.47</b>	<b>Emerging</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>923</b>	<b>948</b>	<b>25</b>	<b>2.7%</b>	<b>0.72</b>	<b>Emerging</b>
334	Computer and Electronic Product Manufacturing	251	205	(46)	-18.3%	0.20	
335	Electrical Equipment, Appliance, and Component Manufacturing	274	267	(7)	-2.6%	0.63	
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>3,306</b>	<b>3,136</b>	<b>(170)</b>	<b>-5.1%</b>	<b>1.90</b>	<b>Maturing</b>
337	Furniture and Related Product Manufacturing	73	71	(2)	-2.7%	0.18	
339	Miscellaneous Manufacturing	230	230	-	0.0%	0.34	



## MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION



# MANUFACTURING

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	27	1	2	2.1
332	Fabricated Metal Product Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	15	1	3.9	1.8
311	Food Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	22	2	9.1	2.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					1	5.3	2.7
326	Plastics and Rubber Products Manufacturing					1	3.4	2.1
331	Primary Metal Manufacturing					1	3.8	4
332	Fabricated Metal Product Manufacturing					1	4.5	1.1
333	Machinery Manufacturing					1	5	1.9
336	Transportation Equipment Manufacturing					1	4.9	1.3
311	Food Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	32	1	2.3	2.3
311	Food Manufacturing	Production	51-2092	Team Assemblers	36	1	2.5	1.9
321	Wood Product Manufacturing					1	3.3	9.1
326	Plastics and Rubber Products Manufacturing					1	3.6	6.5
332	Fabricated Metal Product Manufacturing					3	7.3	5.3
333	Machinery Manufacturing					4	10	10.7
334	Computer and Electronic Product Manufacturing					1	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.8	12.8
336	Transportation Equipment Manufacturing					7	20.3	15.1
337	Furniture and Related Product Manufacturing					1	3.3	9.9
339	Miscellaneous Manufacturing					2	5.6	11.6
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	14	5	35.1	10.2
333	Machinery Manufacturing					2	16.6	7
336	Transportation Equipment Manufacturing					2	12	3.6
311	Food Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	14	1	6.6	2.2
325	Chemical Manufacturing					1	4.8	3.2
326	Plastics and Rubber Products Manufacturing					1	5.6	4.7
332	Fabricated Metal Product Manufacturing					1	8.9	2.9
333	Machinery Manufacturing					1	4.7	2.3
334	Computer and Electronic Product Manufacturing					1	5.4	2.8
336	Transportation Equipment Manufacturing					1	10	3.4
311	Food Manufacturing	Production	51-9199	Production Workers, All Other	10	1	10.9	2

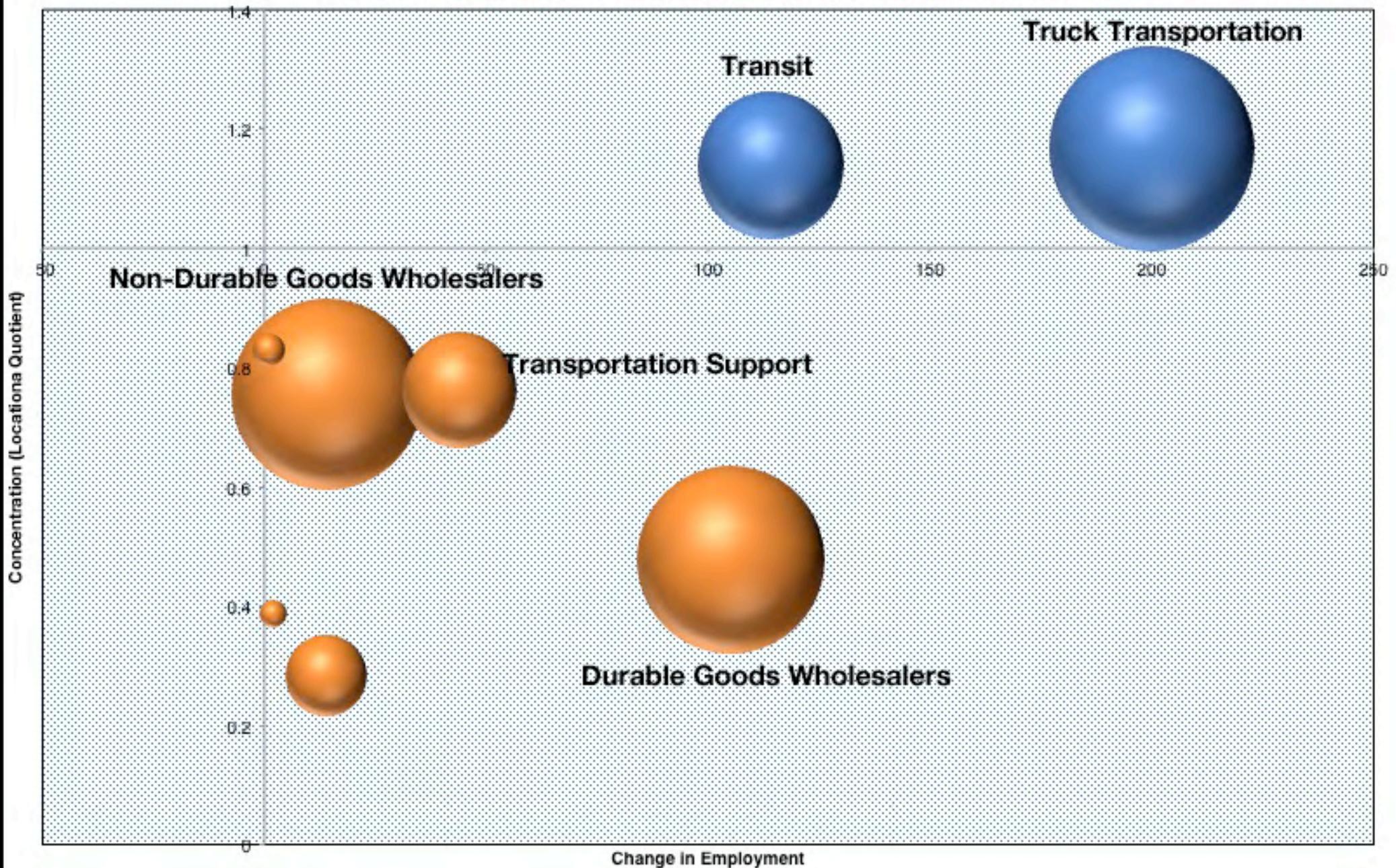
MANUFACTURING INDUSTRIES FOR FUTURE OCCUPATIONS IN THE SOUTHERN REGION										
Pathway	SOC Code	SOC Title	Average Annual Job	Number of Occupations	Number of Occupations	Number of Occupations	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	27	1	2	2.1	\$46,670	High school diploma or equivalent	None	Moderate-term on-the-job training
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	15	1	3.9	1.8	\$25,657	High school diploma or equivalent	None	Short-term on-the-job training
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	22	2	9.1	2.4	\$47,008	High school diploma or equivalent	None	Long-term on-the-job training
				1	3.4	3.7				
				1	5.3	2.7				
				1	3.4	2.1				
				1	3.8	4				
				1	4.5	1.1				
				1	5	1.9				
				1	4.9	1.3				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	32	1	2.3	2.3	\$40,312	High school diploma or equivalent	None	Moderate-term on-the-job training
Production	51-2092	Team Assemblers	36	1	2.5	1.9	\$32,459	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.3	9.1				
				1	3.6	6.5				
				3	7.3	5.3				
				4	10	10.7				
				1	3.6	4.1				
				1	3.8	12.8				
				7	20.3	15.1				
Production	51-4041	Machinists**	14	1	3.3	9.9	\$32,452	High school diploma or equivalent	None	Long-term on-the-job training
				2	5.6	11.6				
				2	12	3.6				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	14	1	6.6	2.2	\$35,491	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.8	3.2				
				1	5.6	4.7				
				1	8.9	2.9				
				1	4.7	2.3				
				1	5.4	2.8				
				1	10	3.4				
Production	51-9199	Production Workers, All Other	10	1	10.9	2	\$33,364	High school diploma or equivalent	None	Moderate-term on-the-job training

TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	1,566	1,671	105	6.7%	0.48	Emerging
424	Merchant Wholesalers, Nondurable Goods	1,721	1,735	14	0.8%	0.76	Emerging
425	Wholesale Electronic Markets and Agents and Brokers	289	303	14	4.8%	0.28	Emerging
483	Water Transportation	30	32	2	6.7%	0.39	Emerging
484	Truck Transportation	1,822	2,022	200	11.0%	1.17	Leading
485	Transit and Ground Passenger Transportation	902	1,016	114	12.6%	1.14	Leading
486	Pipeline Transportation	43	44	1	2.3%	0.83	Emerging
487	Scenic and Sightseeing Transportation	-	-	-	0.0%	-	
488	Support Activities for Transportation	580	624	44	7.6%	0.76	Emerging
492	Couriers and Messengers	212	209	(3)	-1.4%	0.35	
493	Warehousing and Storage	-	-	-	0.0%	-	



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	27	1	2.5	1.3
488	Support Activities for Transportation	Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	5	3	63.6	8.4
488	Support Activities for Transportation					3	63.6	8.4
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	6	1	17.9	2.6
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	15	2	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					1	7.8	2.7
492	Couriers and Messengers					1	5	7.2
493	Warehousing and Storage					1	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	6	1	10.6	1
484	Truck Transportation					1	18.6	3.5
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	7	1	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					1	9.9	0.9
492	Couriers and Messengers					1	9.6	3.6
493	Warehousing and Storage					1	13.7	3.2
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	7	3	42.3	15.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	20	8	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	51	2	3.2	2
424	Merchant Wholesalers, Nondurable Goods					4	7.9	7.3
484	Truck Transportation					24	46.3	59.7
488	Support Activities for Transportation					2	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					1	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	19	2	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					1	7.6	3.2
484	Truck Transportation					1	6.1	3.6
492	Couriers and Messengers					3	17.1	30.5

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	27	1	2.5	1.3	\$35,602	High school diploma or equivalent	1 to 5 years	None
Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	5	3	63.6	8.4		High school diploma or equivalent	None	Short-term on-the-job training
Transportation Operations	43-5032	Dispatchers**	6	1	17.9	2.6	\$31,234	High school diploma or equivalent	None	Moderate-term on-the-job training
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	15	2	13.5	3.2	\$25,657	High school diploma or equivalent	None	Short-term on-the-job training
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	6	1	10.6	1	\$42,903	High school diploma or equivalent	None	Long-term on-the-job training
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	7	1	8.6	0.5	\$43,771	High school diploma or equivalent	1 to 5 years	None
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	7	3	42.3	15.1		High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3022	School Bus Drivers	20	8	41.2	41.1	\$20,142	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	51	2	3.2	2	\$40,177	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	19	4	7.9	7.3		High school diploma or equivalent	None	Short-term on-the-job training
				24	46.3	59.7				
				2	3.1	8.5				
				1	1.5	5.6				
				1	2.2	5.3				
				2	8.4	2.5				
				1	7.6	3.2	\$25,238	High school diploma or equivalent	None	Short-term on-the-job training
				1	6.1	3.6				
				3	17.1	30.5				

## HEALTH CARE

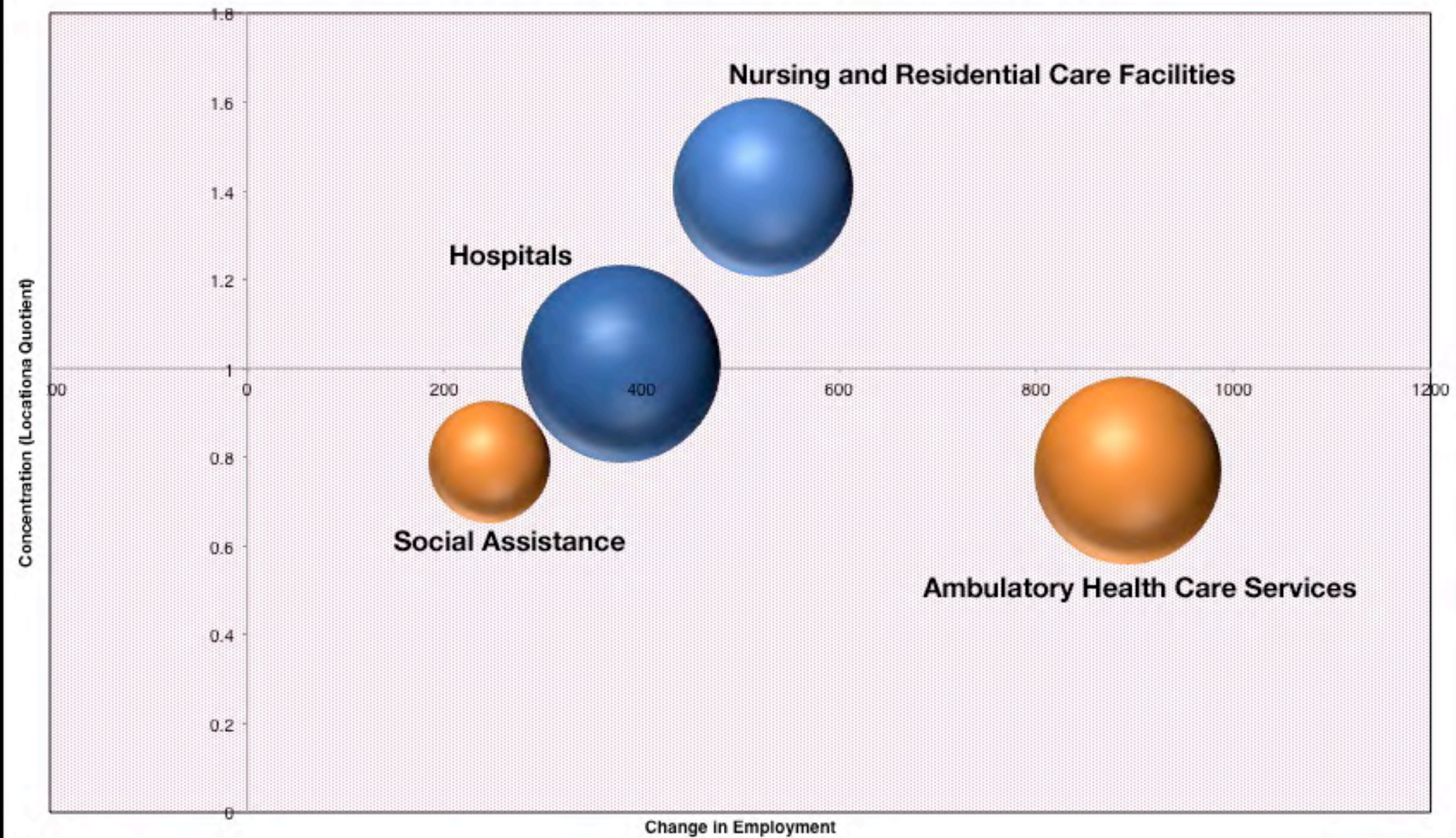
### LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	5,757	6,650	893	15.5%	0.77	Emerging
622	Hospitals	7,096	7,475	379	5.3%	1.01	Leading
623	Nursing and Residential Care Facilities	5,574	6,097	523	9.4%	1.41	Leading
624	Social Assistance	2,591	2,837	246	9.5%	0.79	Emerging



## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHERN REGION



**HEALTH CARE**  
**INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION**

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Employment that is in this Industry	2022 Percent of Employment that is in this Occupation	
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	9	1	5.9	0.2	
622	Hospitals					1	6	0.3	
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	11	4	30	1.3	
622	Hospitals					3	36.4	2.1	
623	Nursing and Residential Care Facilities					1	10.8	1.1	
621	Ambulatory Health Care Services					2	30.4	0.6	
622	Hospitals	Support Services	21-1014	Mental Health Counselors**	6	1	10	0.3	
623	Nursing and Residential Care Facilities					1	17.6	0.7	
624	Social Assistance					1	20.1	0.9	
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	11	1	8	0.4	
623	Nursing and Residential Care Facilities					2	17.1	2	
624	Social Assistance	Therapeutic Services	29-1051	Pharmacists	7	4	40.7	5.1	
622	Hospitals					2	25.3	1.3	
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	13	7	56.3	1.8	
622	Hospitals					3	25	1	
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1127	Speech-Language Pathologists	7	1	6.7	0.5	
621	Ambulatory Health Care Services					2	28.4	0.5	
622	Hospitals					1	13.6	0.3	
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	88	18	20.1	7.4	
622	Hospitals					52	59.2	28.9	
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	6	6	7	5.8	
624	Social Assistance	Diagnostic Services	29-2041	Emergency Medical Techs & Paramedics	18	1	0.9	0.8	
621	Ambulatory Health Care Services					3	44.3	1.1	
622	Hospitals					2	41.4	1.3	
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	7	10	55	1.8	
622	Hospitals	Therapeutic Services				3	15.2	0.7	
621	Ambulatory Health Care Services					1	16.2	1	
622	Hospitals	Therapeutic Services	29-2061	Licensed Practical Nurses	27	8	28.9	3	
623	Nursing and Residential Care Facilities					4	16.3	2.3	
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	9	11	39.1	9.1	
622	Hospitals					3	35.4	0.9	
623	Nursing and Residential Care Facilities					3	37.6	1.3	
621	Ambulatory Health Care Services					1	8.9	0.5	
622	Hospitals	Therapeutic Services	31-1014	Nursing Assistants	55	5	9	1.8	
623	Nursing and Residential Care Facilities					13	24.4	6.6	
624	Social Assistance					30	53.9	24.4	
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	16	1	1.9	1	
622	Hospitals					13	79.7	6.6	
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	9	2	12.4	1.4	
622	Hospitals					2	22.5	0.3	
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	30	3	33.9	0.6	
623	Nursing and Residential Care Facilities	Health Informatics	43-3011	Bill and Account Collectors**	8	1	8.5	0.3	
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	24	1	2.7	0.7	
622	Hospitals					1	2.7	0.7	
621	Ambulatory Health Care Services					1	11.8	0.6	
622	Hospitals	Health Informatics				10	40.6	5.3	
623	Nursing and Residential Care Facilities					1	3.7	0.6	
						1	2.9	0.8	

## HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in this Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Health Informatics	11-3011	Administrative Services Managers **	9	1	5.9	0.2	\$25,328	High school diploma or equivalent	1 to 5 years	None
				1	6	0.3				
				3	30	1.3				
Health Informatics	11-9111	Medical & Health Services Managers	11	4	36.4	2.1	\$68,448	Bachelor's degree	None	None
				1	10.8	1.1				
				2	30.4	0.6				
Support Services	21-1014	Mental Health Counselors**	6	1	10	0.3	\$34,506	Master's degree	None	Internship/residency
				1	17.6	0.7				
				1	20.1	0.9				
Support Services	21-1093	Social & Human Services Assistants**	11	1	8	0.4	\$24,871	High school diploma or equivalent	None	Short-term on-the-job training
				2	17.1	2				
Therapeutic Services	29-1051	Pharmacists	7	2	40.7	5.1	\$123,425	Doctoral or professional degree	None	None
				2	25.3	1.3				
Therapeutic Services	29-1123	Physical Therapists	13	7	56.3	1.8	\$74,345	Doctoral or professional degree	None	None
				3	25	1				
				1	6.7	0.5				
Therapeutic Services	29-1127	Speech-Language Pathologists	7	2	28.4	0.5	\$64,194	Master's degree	None	None
				1	13.6	0.3				
				18	20.1	7.4				
Therapeutic Services	29-1141	Registered Nurses	88	52	59.2	28.9	\$54,311	Associate's or Bachelor's degree	None	None
				6	7	5.8				
				1	0.9	0.8				
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	6	3	44.3	1.1	\$35,520	Associate's degree	None	None
				2	41.4	1.3				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	10	55	1.8	\$26,283	Postsecondary non-degree award	None	None
				3	15.2	0.7				
Therapeutic Services	29-2052	Pharmacy Technicians	7	1	16.2	1	\$27,517	High school diploma or equivalent	None	Moderate-term on-the-job training
				8	28.9	3				
Therapeutic Services	29-2061	Licensed Practical Nurses	27	4	16.3	2.3	\$34,793	Postsecondary non-degree award	None	None
				11	39.1	9.1				
Health Informatics	29-2071	Med Records & Health Info Technicians	9	3	35.4	0.9	\$33,504	Postsecondary non-degree award	None	None
				3	37.6	1.3				
				1	8.9	0.5				
				5	9	1.8				
Therapeutic Services	31-1014	Nursing Assistants	55	13	24.4	6.6	\$22,078	Postsecondary non-degree award	None	None
				30	53.9	24.4				
				1	1.9	1				
Health Informatics	31-9092	Medical Assistants	16	13	79.7	6.6	\$26,231	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	12.4	1.4				
Health Informatics	31-9099	Healthcare Support Workers, All Other	9	2	22.5	0.3	\$39,008	High school diploma or equivalent	None	Short-term on-the-job training
				3	33.9	0.6				
				1	8.5	0.3				
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv**	30	1	2.7	0.7	\$23,864	High school diploma or equivalent	1 to 5 years	None
				1	2.7	0.7				
Health Informatics	43-3011	Bill and Account Collectors**	8	1	11.8	0.6	\$29,529	High school diploma or equivalent	None	Moderate-term on-the-job training
				10	40.6	5.3				
Health Informatics	43-4171	Receptionists & Information Clerks **	24	1	3.7	0.6	\$23,615	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.9	0.8				

## ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	8	522	Credit intermediation and related activities	0	4.1
			524	Insurance carriers and related activities	1	8.2
			551	Management of companies and enterprises	1	7.3
			611	Educational services; state, local, and private	0	4.5
			5241	Insurance carriers	1	7.4
			5415	Computer systems design and related services	2	28.9
			5416	Management, scientific, and technical consulting services	0	3.9
			9992	State government, excluding education and hospitals	0	3.6
			524	Insurance carriers and related activities	0	3.6
			551	Management of companies and enterprises	0	3.5
15-1131	Computer Programmers	5	5112	Software publishers	0	5.4
			5415	Computer systems design and related services	2	40.6
			5613	Employment services	0	3.9
			334	Computer and electronic product manufacturing	0	3.5
15-1132	Software Developers, Applications	5	524	Insurance carriers and related activities	0	5.2
			551	Management of companies and enterprises	0	4.3
			5112	Software publishers	0	8.0
			5241	Insurance carriers	0	4.4
			5415	Computer systems design and related services	2	38.9
			5416	Management, scientific, and technical consulting services	0	4.1
			517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
			551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
15-1142	Network & Computer Sys. Administrators	5	5415	Computer systems design and related services	1	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
			423	Merchant wholesalers, durable goods	0	5.2
			551	Management of companies and enterprises	0	4.4
			611	Educational services; state, local, and private	1	12.7
15-1151	Computer User Support Specialists	6	5112	Software publishers	0	4.3
			5415	Computer systems design and related services	1	24.6
			5613	Employment services	0	3.6



MANUFACTURING					
SOUTHERN REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Completions	Degree Type	WIDA Eligible Training Providers
Team Assemblers	No Related Program of Study for This Occupation				
Machinists**	48.0503	Mach Shop Technology		No programs in this EDR	
Computer-Controlled Machine Tool Operators**	48.0503	Mach Shop Technology		No programs in this EDR	
	48.051	CNC Machinist Technology		No programs in the EDR	

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



TRANSPORTATION, DISTRIBUTION & LOGISTICS					
SOUTHERN REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Completions	Degree Type	WIOA Eligible Training Providers
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
			9	< 1 Yr Cert	IL Eastern CC-Wabash Valley
			13	< 1 Yr Cert	Rend Lake College
			17	< 1 Yr Cert	Shawnee CC
Bus Drivers, Transit & Intercity	Community Colleges				
School Bus Drivers					Southeastern IL College

# HEALTH CARE

## SOUTHERN 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				
		IL Eastern CC - Olney Central	96	Associate	IL Eastern CC - Frontier	
		IL Eastern CC - Wabash Valley	2	Associate	IL Eastern CC - Wabash Valley	
		IL Eastern CC - Frontier	6	Associate	John A. Logan College	
	Community Colleges	John A. Logan College	42	Associate	Rend Lake CC	
		Rend Lake CC	64	Associate	Shawnee CC	
		Shawnee CC	29	Associate	Southeastern IL College	
		Southeastern IL College	5	Associate		
			108	Associate		
	Other Colleges	McKendree University	27	Masters		
	Nursing Assistants	51.3902	Nurse Aide			
		IL Eastern CC - Lincoln Trail	34	< 1 Yr Cert	IL Eastern CC - Wabash Valley	
		IL Eastern CC - Olney Central	69	< 1 Yr Cert	Rend Lake CC	
		IL Eastern CC - Wabash Valley	34	< 1 Yr Cert	Shawnee CC	
Community Colleges		John A. Logan College	147	< 1 Yr Cert	Southeastern IL College	
		Rend Lake CC	260	< 1 Yr Cert		
		Shawnee CC	72	< 1 Yr Cert		
Licensed Practical Nurses		51.3901	Licensed Practical Nursing			
			IL Eastern CC - Frontier	6	1-2 Yr Cert	John A. Logan College
			IL Eastern CC - Olney Central	80	1-2 Yr Cert	Shawnee CC
		John A. Logan College	103	1-2 Yr Cert	Southeastern IL College	
	Community Colleges	Rend Lake CC	53	1-2 Yr Cert		
		Shawnee CC	31	1-2 Yr Cert		
		Southeastern IL College	30	1-2 Yr Cert		
Receptionists & Information Clerks **	52.0406	Receptionist		No Programs in this EDR		
	51.0904	EMT Tech/EMT Paramedic				
Emergency Medical Techs & Paramedics		John A. Logan College	1	Associate		
			6	1-2 Yr Cert		
	Community Colleges	Rend Lake CC	1	Associate		

Notes: IL Eastern Community Colleges overlap with the Southeastern EDR  
McKendree University is physically located in the Southwestern EDR

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

### ATTACHMENT M - Regional Data

<b>Southern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
529	Illinois Eastern	(274)	(230)	(338)	(842)
529	Frontier	17	47	124	188
529	Lincoln Trail	43	35	59	137
529	Olney Central	131	125	103	359
529	Wabash Valley	83	23	52	158
530	Logan	211	213	245	669
521	Rend Lake	204	125	569	898
531	Shawnee	55	69	148	272
533	Southeastern	65	116	59	240
Southern Total		809	753	1,359	2,921
<b>State Total</b>		<b>11,555</b>	<b>6,876</b>	<b>28,142</b>	<b>46,573</b>
% of State Total		7.0%	11.0%	4.8%	6.3%

### 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

<b>Southern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
529	Illinois Eastern	(0)	(53)	(342)	(0)	(0)	(0)	(121)	(0)	(516)
529	Frontier	0	2	62	0	0	0	23	0	87
529	Lincoln Trail	0	9	69	0	0	0	35	0	113
529	Olney Central	0	6	154	0	0	0	42	0	202
529	Wabash Valley	0	36	57	0	0	0	21	0	114
530	Logan	148	66	0	0	0	8	179	0	401
521	Rend Lake	203	142	0	3	1	5	0	0	354
531	Shawnee	172	58	0	0	0	0	18	0	248
533	Southeastern	74	67	0	0	8	0	0	0	149
Southern Total		597	386	342	3	9	13	318	0	1,668
<b>State Total</b>		<b>11,569</b>	<b>6,952</b>	<b>642</b>	<b>13</b>	<b>217</b>	<b>131</b>	<b>3,706</b>	<b>9</b>	<b>23,239</b>
% of State Total		5.2%	5.6%	53.3%	23.1%	4.1%	9.9%	8.6%	0.0%	7.2%

**ATTACHMENT M - Regional Data**

<b>Southern Economic Development Region - Illinois Community College System</b> <b>Fiscal Year 2014 Summary of Unduplicated Headcount <u>Enrollment</u> by Program Classification</b>											
<b>Dist. No.</b>	<b>College</b>	<b>Bacc / Transfer</b>	<b>Vocational</b>	<b>Career and Technical Ed.</b>	<b>ABE</b>	<b>ASE</b>	<b>ESL</b>	<b>General Studies</b>	<b>General Associates</b>	<b>Total</b>	<b>Noncredit Total</b>
529	Illinois Eastern	(4,828)	(6,516)	(18,158)	(184)	(160)	(14)	(1)	(716)	(30,577)	(852)
529	Frontier	1,470	5,877	220	80	61	0	0	152	7,860	163
529	Lincoln Trail	1,104	4	435	25	8	2	0	142	1,720	329
529	Olney Central	1,047	103	729	55	80	3	0	241	2,258	322
529	Wabash Valley	1,207	532	16,774	24	11	9	1	181	18,739	38
530	Logan	5,660	8,206	2,166	494	1	0	4	532	17,063	5663
521	Rend Lake	3,694	9,412	1,431	93	56	0	0	0	14,686	1828
531	Shawnee	1,577	3,295	770	114	157	0	17	283	6,213	509
533	Southeastern	1,841	2,053	1,512	65	46	2	30	92	5,641	483
Southern Total		17,600	29,482	24,037	950	420	16	52	1,623	74,180	9,335
<b>State Total</b>		<b>287,076</b>	<b>70,776</b>	<b>172,630</b>	<b>27,441</b>	<b>11,382</b>	<b>36,994</b>	<b>2,789</b>	<b>50,624</b>	<b>659,712</b>	<b>193,812</b>
% of State Total		6.1%	41.7%	13.9%	3.5%	3.7%	0.0%	1.9%	3.2%	11.2%	4.8%

\*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.

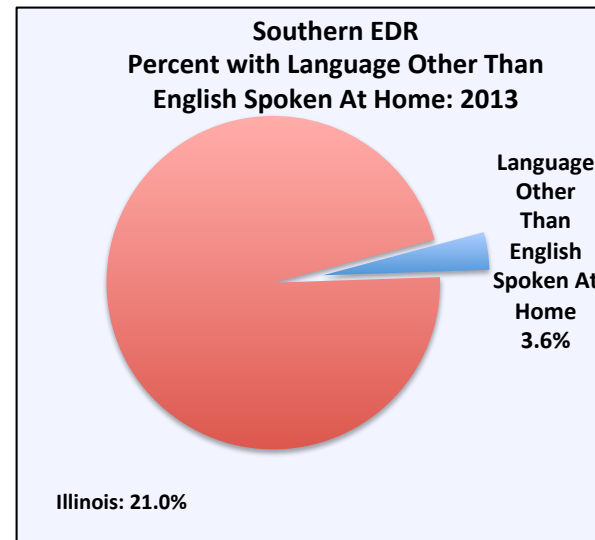
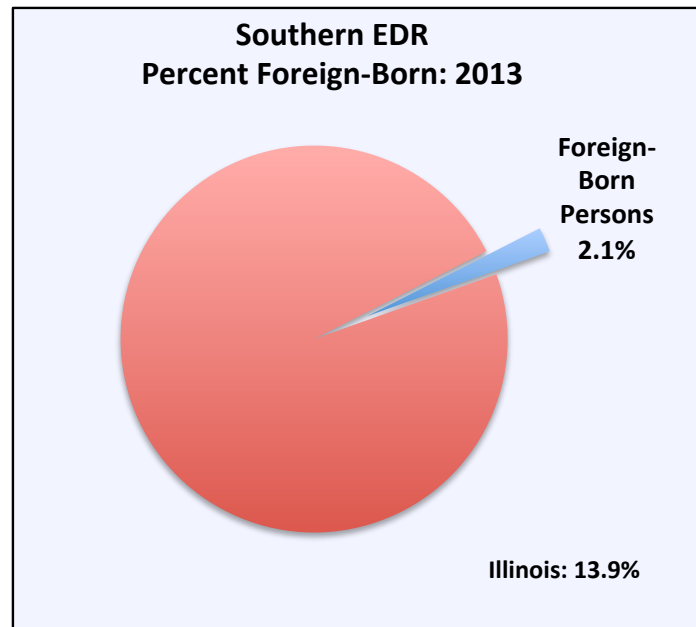
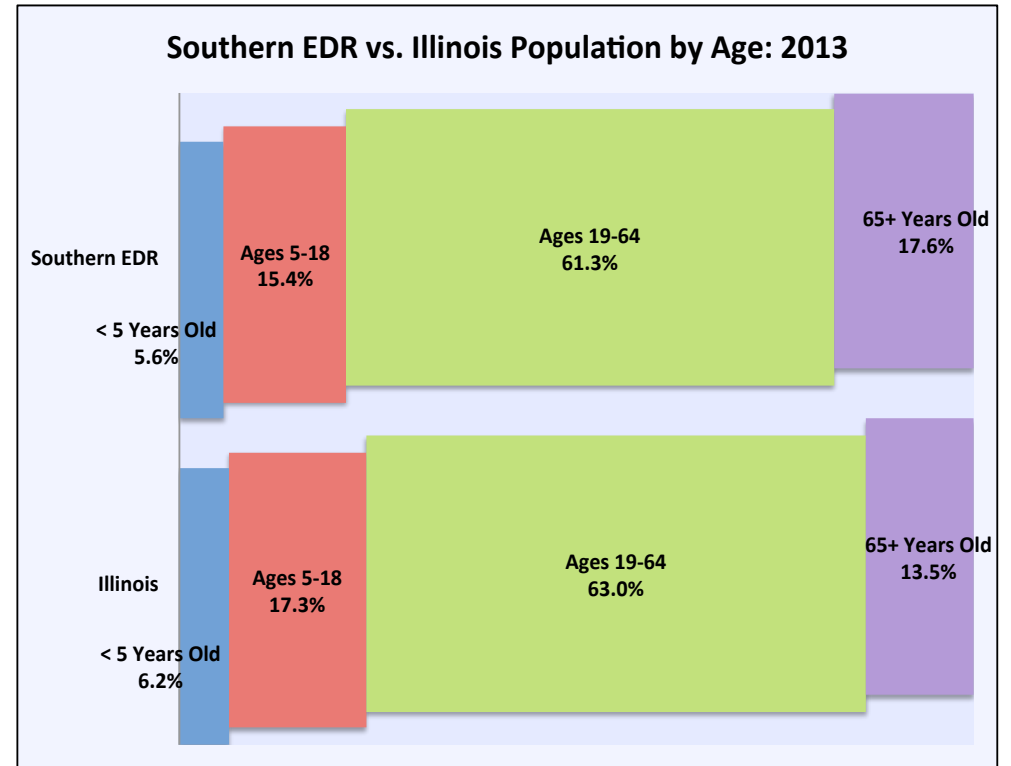
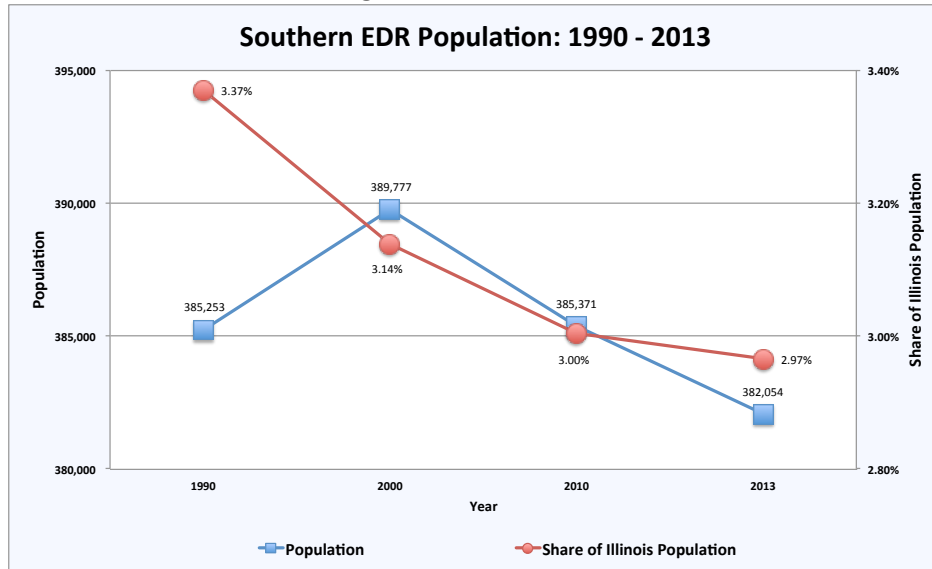
**ATTACHMENT M - Regional Data**

Southern 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*
529	Illinois Eastern	(38)	(20)	(1)	(15)	(468)	(0)	(0)	(508)	(0)	(19)	(23)	(16)	(113)	(18)	(53)	(34)	(0)	(1,326)
529	Frontier	0	18	0	1	86	0	0	118	0	0	13	0	2	0	2	9	0	249
529	Lincoln Trail	0	0	0	0	107	0	0	62	0	0	10	0	57	0	9	0	0	245
529	Olney Central	0	0	0	14	196	0	0	292	0	12	0	11	24	0	6	5	0	560
529	Wabash Valley	38	2	1	0	79	0	0	36	0	7	0	5	30	18	36	20	0	272
530	Logan	0	51	3	25	331	0	0	395	0	49	4	32	56	2	65	24	0	1,037
521	Rend Lake	72	14	15	10	205	0	0	446	30	43	11	9	104	0	141	81	0	1,181
531	Shawnee	1	1	1	3	190	0	0	199	0	13	5	7	24	0	58	18	0	520
533	Southeastern	12	12	1	10	75	0	0	68	0	55	8	12	20	0	75	15	0	363
Southern Total		123	98	21	63	1,269	0	0	1,616	30	179	51	76	317	20	392	172	0	4,427
<b>State Total</b>		<b>935</b>	<b>2,893</b>	<b>815</b>	<b>3,098</b>	<b>16,744</b>	<b>27</b>	<b>0</b>	<b>18,294</b>	<b>1,729</b>	<b>2,109</b>	<b>2,396</b>	<b>2,918</b>	<b>2,799</b>	<b>331</b>	<b>6,691</b>	<b>5,964</b>	<b>18</b>	<b>67,761</b>
% of State Total		13.2%	3.4%	2.6%	2.0%	7.6%	0.0%	0.0%	8.8%	1.7%	8.5%	2.1%	2.6%	11.3%	6.0%	5.9%	2.9%	0.0%	6.5%

\*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.

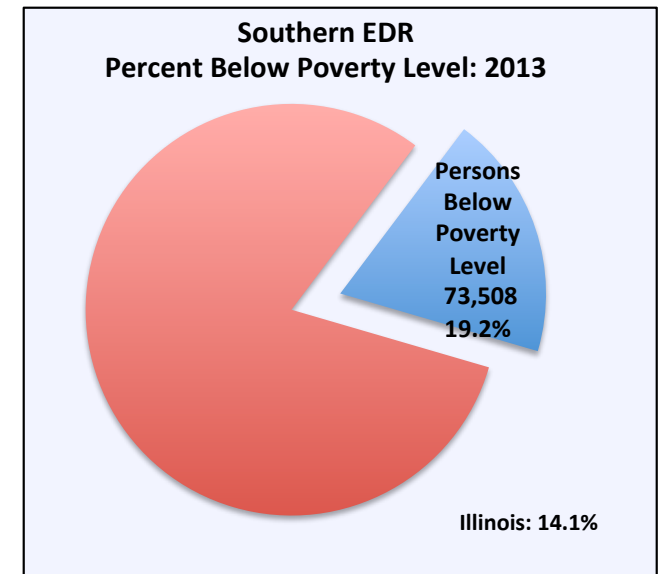
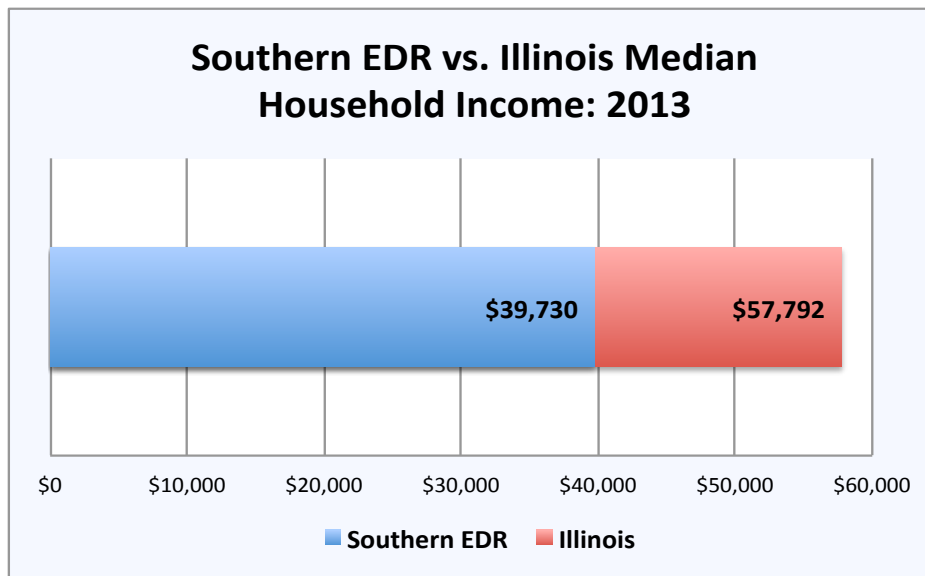
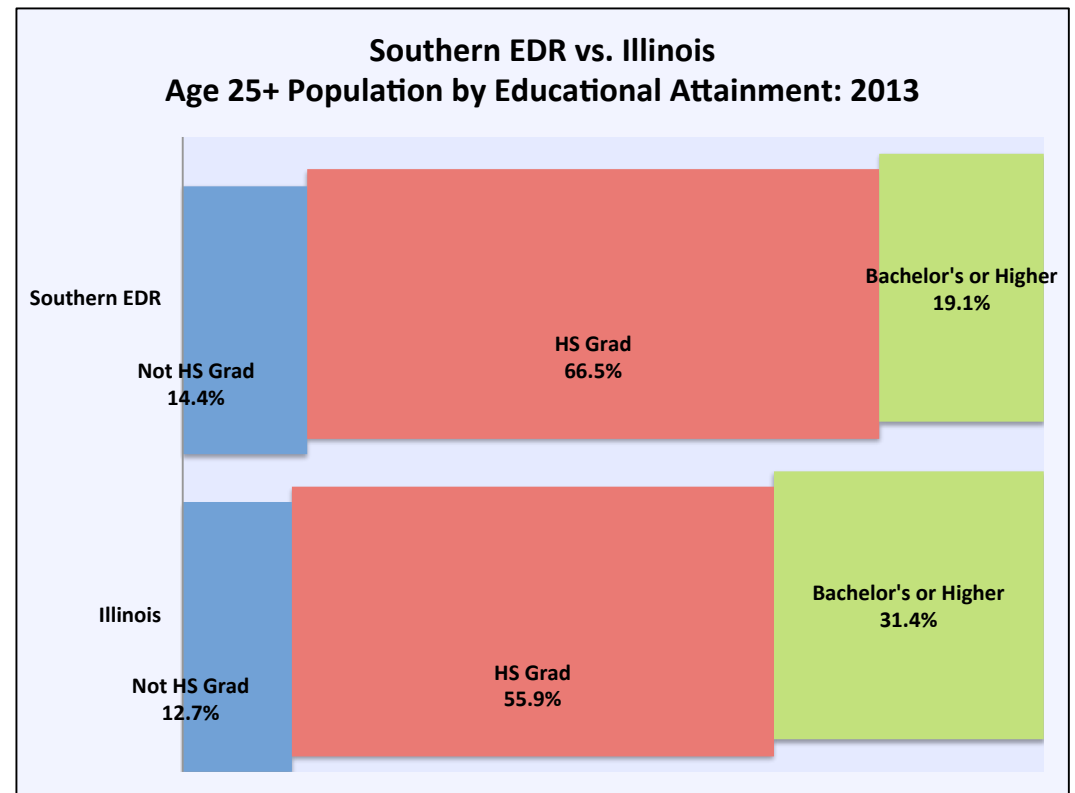
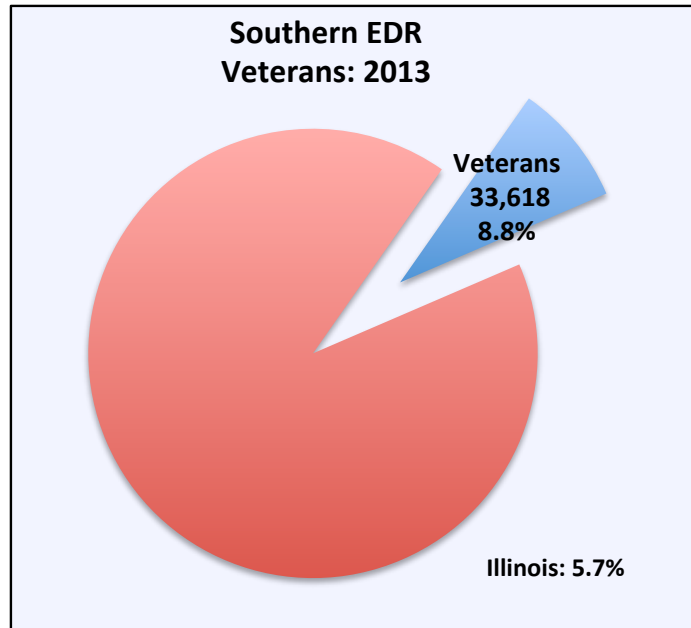


## ATTACHMENT M - Regional Data



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

# ATTACHMENT M - Regional Data



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

## SOUTHERN REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	168,025
	Employed	155,180
	Unemployed	12,845
	Rate	7.6
TANF	Annual 2014	38,462
	Monthly Average	3,205
Corrections		12,015
Persons with Disabilities	Mental Disabilities	168
	Adults with Disabilities	46,913
Public Aid	Public Aid Recipients	126,081
	Adult Public Aid Recipients	72,414

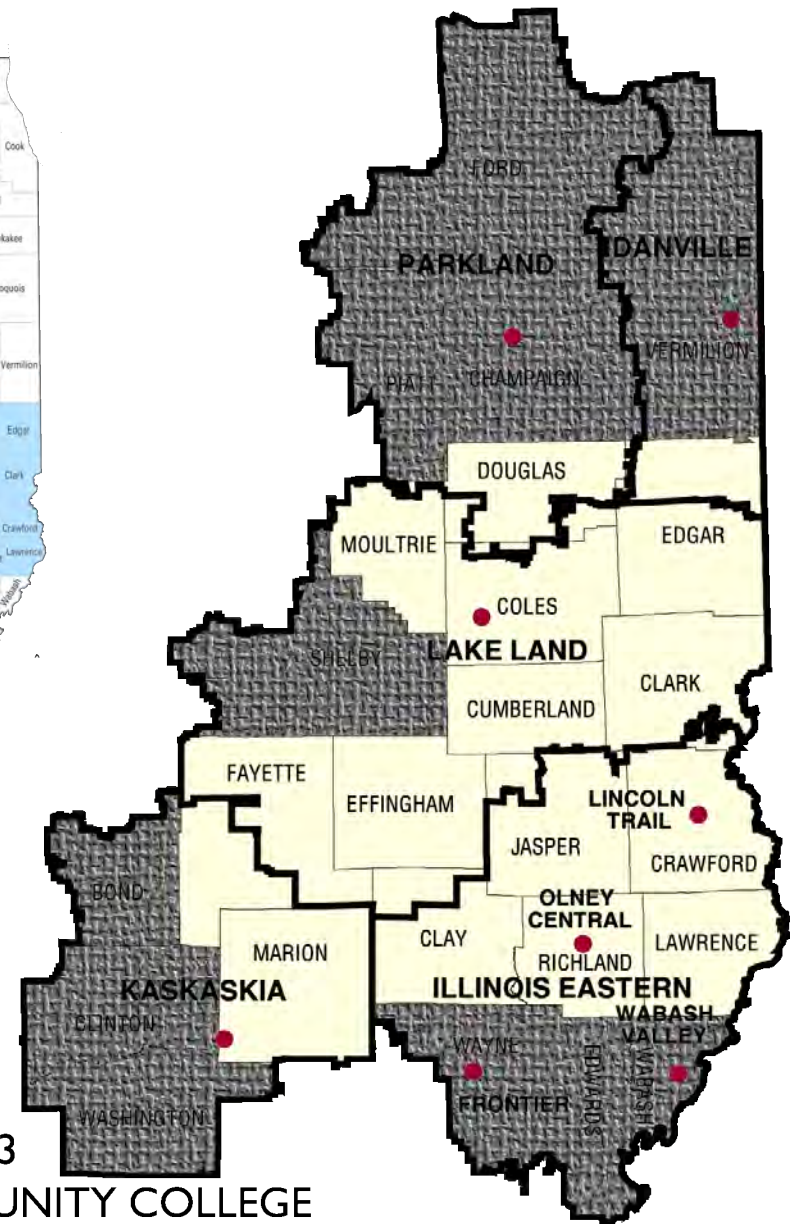
## SOUTHEAST ECONOMIC DEVELOPMENT REGION



Southeast EDR Counties	2013 Population Estimates	Percent of EDR Population
Clark	16,182	5%
Clay	13,566	4%
Coles	53,697	18%
Crawford	19,505	6%
Cumberland	10,939	4%
Douglas	19,887	7%
Edgar	17,960	6%
Effingham	34,307	11%
Fayette	22,060	7%
Jasper	9,592	3%
Lawrence	16,558	5%
Marion	38,622	13%
Moultrie	14,876	5%
Richland	16,182	5%
Total Population	303,933	

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

Southeast EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Charleston	21,961	7%
Mattoon	18,368	3%
Centralia	12,787	2%
Effingham	12,558	2%
Olney	9,108	1%
Paris	8,561	1%
Robinson	7,665	1%

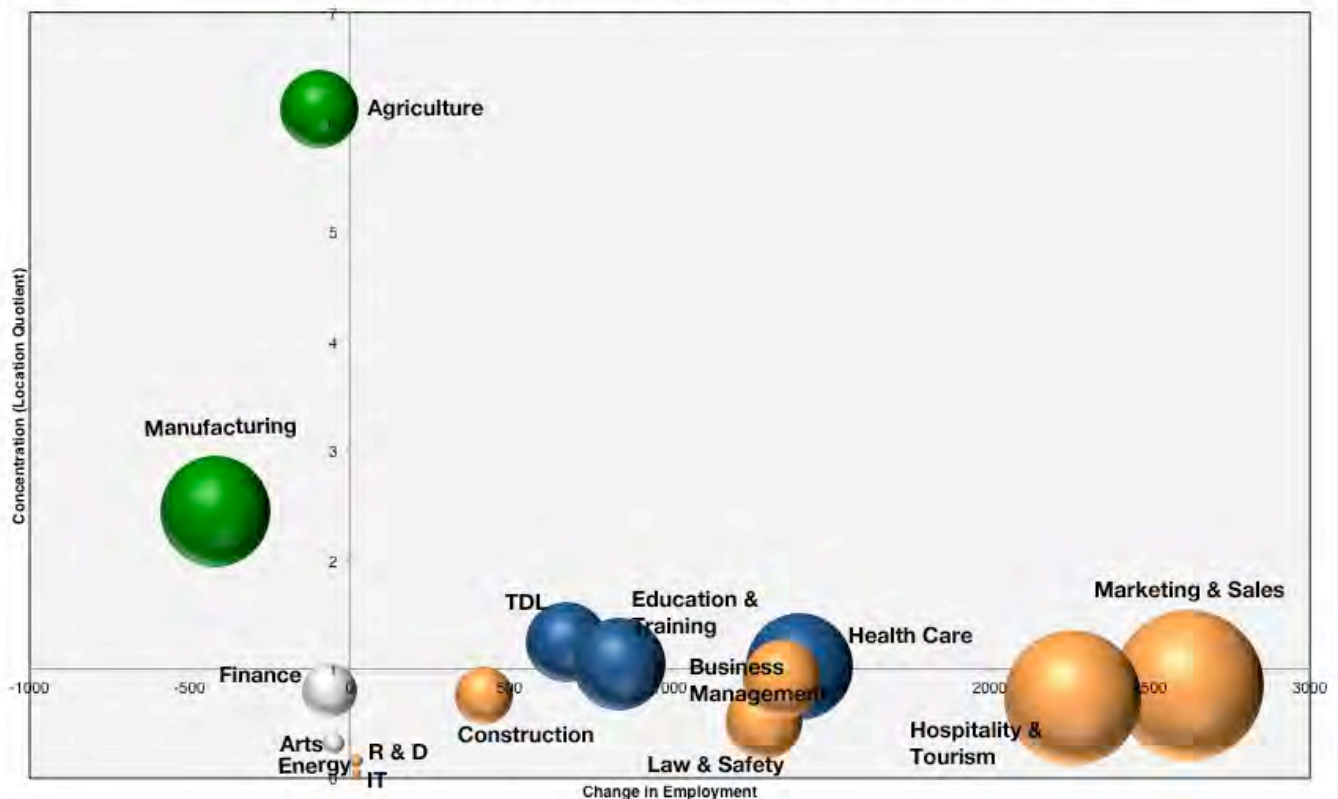
Source: US Census Bureau Annual County Resident Population Estimates for 2013



 LWIA 23  
 COMMUNITY COLLEGE  
 DISTRICT BOUNDARIES  
 & LOCATIONS

**SOUTHEAST REGION****EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER**

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	33,914	36,532	2,618	7.7%	0.84
Hospitality & Tourism	27,436	29,696	2,260	8.2%	0.73
Manufacturing	20,137	19,717	- 420	-2.1%	2.44
Health Care	16,976	18,381	1,405	8.3%	1.02
Education & Training	12,903	13,745	842	6.5%	1.04
Transportation, Distribution & Logistics	9,564	10,241	677	7.1%	1.25
Agriculture	9,804	9,709	- 95	-1.0%	6.11
Business Management	8,229	9,579	1,350	16.4%	0.91
Law & Public Safety	7,982	9,275	1,293	16.2%	0.53
Construction	4,818	5,237	419	8.7%	0.76
Finance	4,661	4,597	- 64	-1.4%	0.80
Arts & Audio Visual	753	704	- 49	-6.5%	0.31
Energy	693	669	- 24	-3.5%	0.84
Research & Development	225	244	19	8.4%	0.16
Information Technology	94	118	24	25.5%	0.05

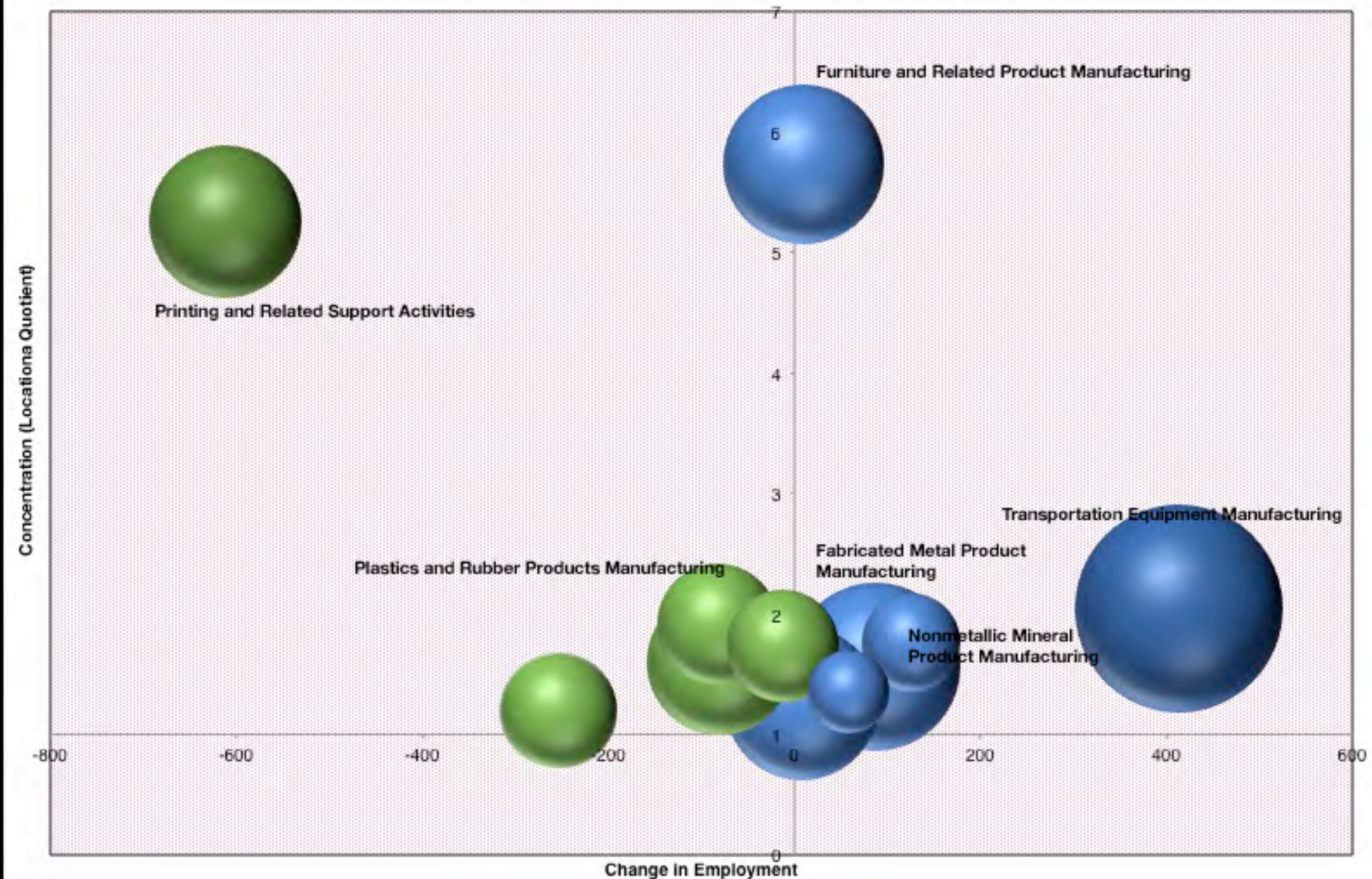
**MAJOR INDUSTRY CLUSTERS IN THE SOUTHEAST REGION**



<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEASTERN REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>1,880</b>	<b>1,888</b>	<b>8</b>	<b>0.4%</b>	<b>1.26</b>	<b>Leading</b>
312	Beverage and Tobacco Product Manufacturing	104	91	(13)	-12.5%	0.53	
313	Textile Mills	-	-	-	0.0%	-	
314	Textile Product Mills	49	48	(1)	-2.0%	0.42	
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>470</b>	<b>528</b>	<b>58</b>	<b>12.3%</b>	<b>1.35</b>	<b>Leading</b>
322	Paper Manufacturing	334	304	(30)	-9.0%	0.86	
<b>323</b>	<b>Printing and Related Support Activities</b>	<b>2,487</b>	<b>1,876</b>	<b>(611)</b>	<b>-24.6%</b>	<b>5.26</b>	<b>Maturing</b>
324	Petroleum and Coal Products Manufacturing	-	-	-	0.0%	-	
325	Chemical Manufacturing	568	552	(16)	-2.8%	0.71	
<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>	<b>1,259</b>	<b>1,177</b>	<b>(82)</b>	<b>-6.5%</b>	<b>1.91</b>	<b>Maturing</b>
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>659</b>	<b>785</b>	<b>126</b>	<b>19.1%</b>	<b>1.76</b>	<b>Leading</b>
331	Primary Metal Manufacturing	396	386	(10)	-2.5%	0.97	
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>2,251</b>	<b>2,339</b>	<b>88</b>	<b>3.9%</b>	<b>1.56</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>1,792</b>	<b>1,711</b>	<b>(81)</b>	<b>-4.5%</b>	<b>1.60</b>	<b>Maturing</b>
<b>334</b>	<b>Computer and Electronic Product Manufacturing</b>	<b>1,331</b>	<b>1,077</b>	<b>(254)</b>	<b>-19.1%</b>	<b>1.19</b>	<b>Maturing</b>
335	Electrical Equipment, Appliance, and Component Manufacturing	344	332	(12)	-3.5%	0.90	
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>3,132</b>	<b>3,545</b>	<b>413</b>	<b>13.2%</b>	<b>2.04</b>	<b>Leading</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>2,058</b>	<b>2,068</b>	<b>10</b>	<b>0.5%</b>	<b>5.74</b>	<b>Leading</b>
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>1,023</b>	<b>1,010</b>	<b>(13)</b>	<b>-1.3%</b>	<b>1.73</b>	<b>Maturing</b>

# MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEASTERN REGION





MANUFACTURING ATTACHMENT M – Regional Data								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION								
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg.Ex.Tech/Scientific**	33	1	2	2.1
311	Food Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	20	1	2.6	1.3
332	Fabricated Metal Product Manufacturing					1	3.9	1.8
333	Machinery Manufacturing					1	2.5	1.7
336	Transportation Equipment Manufacturing					1	2.5	1.2
311	Food Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	23	2	9.1	2.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					1	5.3	2.7
326	Plastics and Rubber Products Manufacturing					1	3.4	2.1
331	Primary Metal Manufacturing					1	3.8	4
332	Fabricated Metal Product Manufacturing					1	4.5	1.1
333	Machinery Manufacturing					1	5	1.9
336	Transportation Equipment Manufacturing					1	4.9	1.3
311	Food Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	25	1	2.3	2.3
311	Food Manufacturing	Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	12	1	7.8	3.2
325	Chemical Manufacturing					1	4.9	3.9
326	Plastics and Rubber Products Manufacturing					1	4.5	4.4
332	Fabricated Metal Product Manufacturing					1	11.1	4.3
333	Machinery Manufacturing					1	5.7	3.3
336	Transportation Equipment Manufacturing	Production	51-2092	Team Assemblers	64	1	7.2	2.9
311	Food Manufacturing					2	2.5	1.9
321	Wood Product Manufacturing					2	3.3	9.1
325	Chemical Manufacturing					1	1.2	1.8
326	Plastics and Rubber Products Manufacturing					2	3.6	6.5
327	Nonmetallic Mineral Product Manufacturing					1	1.2	3.2
332	Fabricated Metal Product Manufacturing					5	7.3	5.3
333	Machinery Manufacturing					6	10	10.7
334	Computer and Electronic Product Manufacturing					2	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	3.8	12.8
336	Transportation Equipment Manufacturing					13	20.3	15.1
337	Furniture and Related Product Manufacturing					2	3.3	9.9
339	Miscellaneous Manufacturing					4	5.6	11.6
332	Fabricated Metal Product Manufacturing	Production	51-4011	Computer-Controlled Machine Tool Operators**	11	4	39.3	4.2
333	Machinery Manufacturing					2	18.4	2.9
334	Computer and Electronic Product Manufacturing					1	5	0.9
336	Transportation Equipment Manufacturing					2	18.2	2
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	23	8	35.1	10.2
333	Machinery Manufacturing					4	16.6	7
334	Computer and Electronic Product Manufacturing					1	3	1.4
336	Transportation Equipment Manufacturing					3	12	3.6
339	Miscellaneous Manufacturing					1	2.7	2.3
332	Fabricated Metal Product Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	13	3	24.3	6.2
333	Machinery Manufacturing					2	13.2	4.9
336	Transportation Equipment Manufacturing					2	12.5	3.3
322	Paper Manufacturing	Production	51-5112	Printing Press Operators & Job Printers**	11	1	8.5	4.2
323	Printing and Related Support Activities					6	55.5	21.9
311	Food Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	16	1	6.6	2.2
325	Chemical Manufacturing					1	4.8	3.2
326	Plastics and Rubber Products Manufacturing					1	5.6	4.7
332	Fabricated Metal Product Manufacturing					1	8.9	2.9
333	Machinery Manufacturing					1	4.7	2.3
334	Computer and Electronic Product Manufacturing					1	5.4	2.8
336	Transportation Equipment Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	12	2	10	3.4
311	Food Manufacturing					4	30.3	7.8
312	Beverage and Tobacco Product Manufacturing					1	5.2	10.3
325	Chemical Manufacturing					1	11.8	6
311	Food Manufacturing					2	10.9	2
325	Chemical Manufacturing					1	3.5	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 SCOUTSUS REGION

### ATTACHMENT M - Regional Data

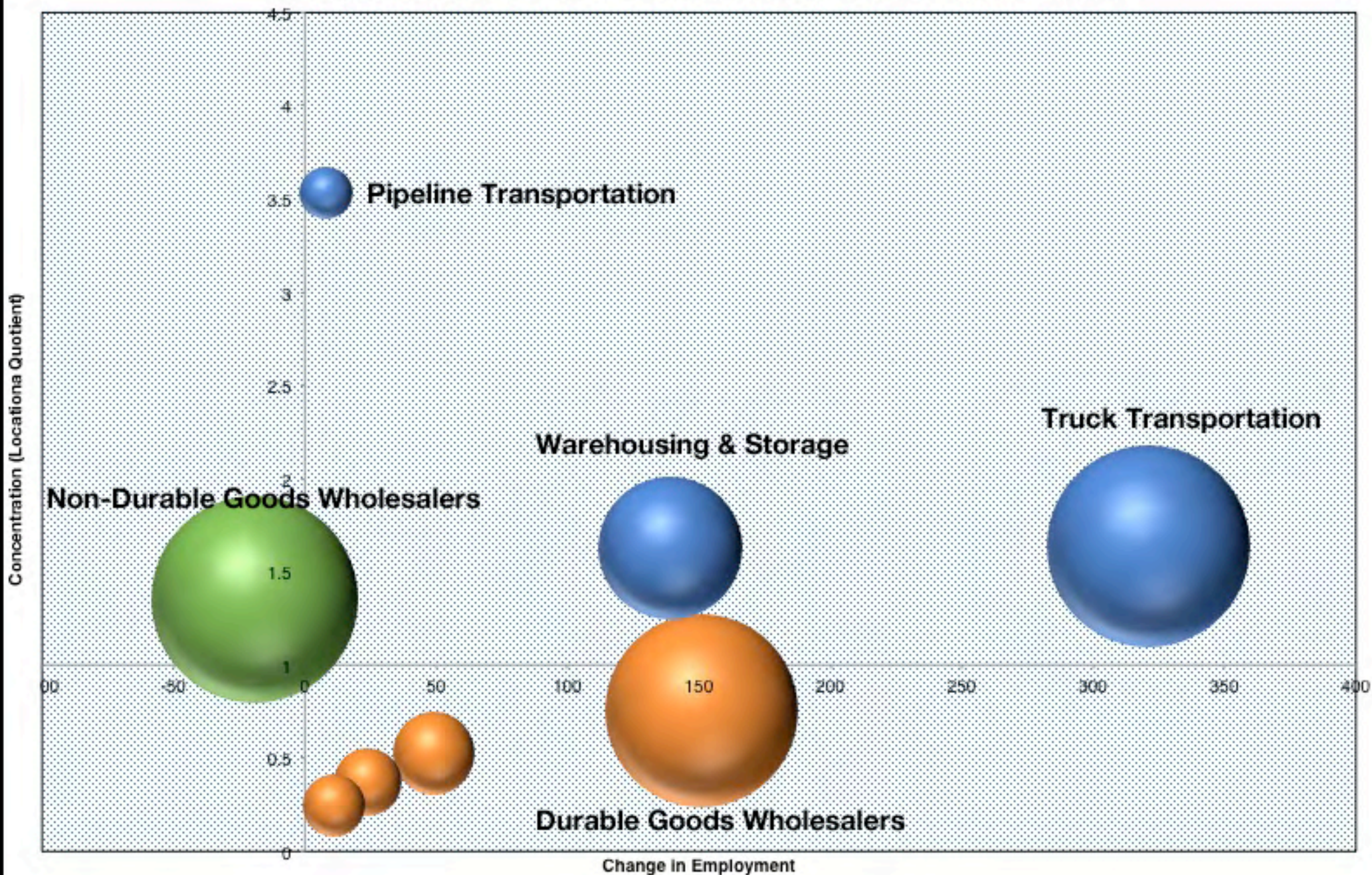
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg.Ex.Tech/Scntific**	33	1	2	2.1	\$49,346	High school diploma or equivalent	None	Moderate-term on-the-job training
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	20	1	2.6	1.3	\$28,449	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.9	1.8				
				1	2.5	1.7				
				1	2.5	1.2				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	23	2	9.1	2.4	\$44,634	High school diploma or equivalent	None	Long-term on-the-job training
				1	3.4	3.7				
				1	5.3	2.7				
				1	3.4	2.1				
				1	3.8	4				
				1	4.5	1.1				
				1	5	1.9				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	25	1	4.9	1.3	\$35,744	High school diploma or equivalent	None	Moderate-term on-the-job training
Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	12	1	7.8	3.2	\$50,449	Postsecondary non-degree award	1 to 5 years	None
				1	4.9	3.9				
				1	4.5	4.4				
				1	11.1	4.3				
				1	5.7	3.3				
Production	51-2092	Team Assemblers	64	1	7.2	2.9	\$27,060	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	2.5	1.9				
				2	3.3	9.1				
				1	1.2	1.8				
				2	3.6	6.5				
				1	1.2	3.2				
				5	7.3	5.3				
				6	10	10.7				
				2	3.6	4.1				
				2	3.8	12.8				
				13	20.3	15.1				
				2	3.3	9.9				
Production	51-4011	Computer-Controlled Machine Tool Operators**	11	4	5.6	11.6	\$36,502	High school diploma or equivalent	None	Moderate-term on-the-job training
				4	39.3	4.2				
				2	18.4	2.9				
				1	5	0.9				
Production	51-4041	Machinists**	23	2	18.2	2	\$34,552	High school diploma or equivalent	None	Long-term on-the-job training
				8	35.1	10.2				
				4	16.6	7				
				1	3	1.4				
				3	12	3.6				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	13	1	2.7	2.3	\$32,044	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				3	24.3	6.2				
				2	13.2	4.9				
Production	51-5112	Printing Press Operators & Job Printers**	11	2	12.5	3.3	\$32,483	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	8.5	4.2				
				6	55.5	21.9				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	16	1	6.6	2.2	\$32,226	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.8	3.2				
				1	5.6	4.7				
				1	8.9	2.9				
				1	4.7	2.3				
				1	5.4	2.8				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	12	2	10	3.4	\$28,837	High school diploma or equivalent	None	Moderate-term on-the-job training
				4	30.3	7.8				
				1	5.2	10.3				
Production	51-9199	Production Workers, All Other	18	1	11.8	6	\$23,871	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	10.9	2				
				1	3.5	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 SOUTHEASTERN REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	2,173	2,324	151	6.9%	0.75	Emerging
424	Merchant Wholesalers, Nondurable Goods	2,709	2,690	(19)	-0.7%	1.35	Maturing
425	Wholesale Electronic Markets and Agents and Brokers	220	231	11	5.0%	0.25	Emerging
484	Truck Transportation	2,247	2,568	321	14.3%	1.64	Leading
485	Transit and Ground Passenger Transportation	365	414	49	13.4%	0.52	Emerging
486	Pipeline Transportation	161	169	8	5.0%	3.53	Leading
488	Support Activities for Transportation	251	275	24	9.6%	0.38	Emerging
492	Couriers and Messengers	301	294	(7)	-2.3%	0.56	
493	Warehousing and Storage	1,137	1,276	139	12.2%	1.63	Emerging



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEASTERN REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	22	1	2.5	1.3
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	7	1	17.9	2.6
485	Transit and Ground Passenger Transportation					1	7.8	3.2
488	Support Activities for Transportation					1	7.9	2.4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	20	3	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					2	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
492	Couriers and Messengers					1	5	7.2
493	Warehousing and Storage					1	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	30	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	7	1	10.6	1
484	Truck Transportation					1	18.6	3.5
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	7	1	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					1	9.9	0.9
492	Couriers and Messengers					1	9.6	3.6
493	Warehousing and Storage					1	13.7	3.2
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	10	4	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	64	2	3.2	2
424	Merchant Wholesalers, Nondurable Goods					5	7.9	7.3
484	Truck Transportation					30	46.3	59.7
488	Support Activities for Transportation					2	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					1	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	20	2	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					2	7.6	3.2
484	Truck Transportation					1	6.1	3.6
492	Couriers and Messengers					3	17.1	30.5

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	22	1	2.5	1.3	\$37,115	High school diploma or equivalent	1 to 5 years	None
Transportation Operations	43-5032	Dispatchers**	7	1	17.9	2.6	\$26,271	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.8	3.2				
				1	7.9	2.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	20	3	13.5	3.2	\$28,449	High school diploma or equivalent	None	Short-term on-the-job training
				2	7.8	2.7				
				1	2.7	1.7				
				1	5	7.2				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	30	1	1.7	0.4	\$39,786	High school diploma or equivalent	None	Long-term on-the-job training
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	7	1	10.6	1	\$35,838	High school diploma or equivalent	None	Long-term on-the-job training
				1	18.6	3.5				
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	7	1	8.6	0.5	\$50,397	High school diploma or equivalent	1 to 5 years	None
				1	9.9	0.9				
				1	9.6	3.6				
Transportation Operations	53-3022	School Bus Drivers	10	4	41.2	41.1	\$24,568	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	64	2	3.2	2	\$34,666	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				5	7.9	7.3				
				30	46.3	59.7				
				2	3.1	8.5				
				1	1.5	5.6				
				1	2.2	5.3				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	20	2	8.4	2.5	\$25,033	High school diploma or equivalent	None	Short-term on-the-job training
				2	7.6	3.2				
				1	6.1	3.6				
				3	17.1	30.5				

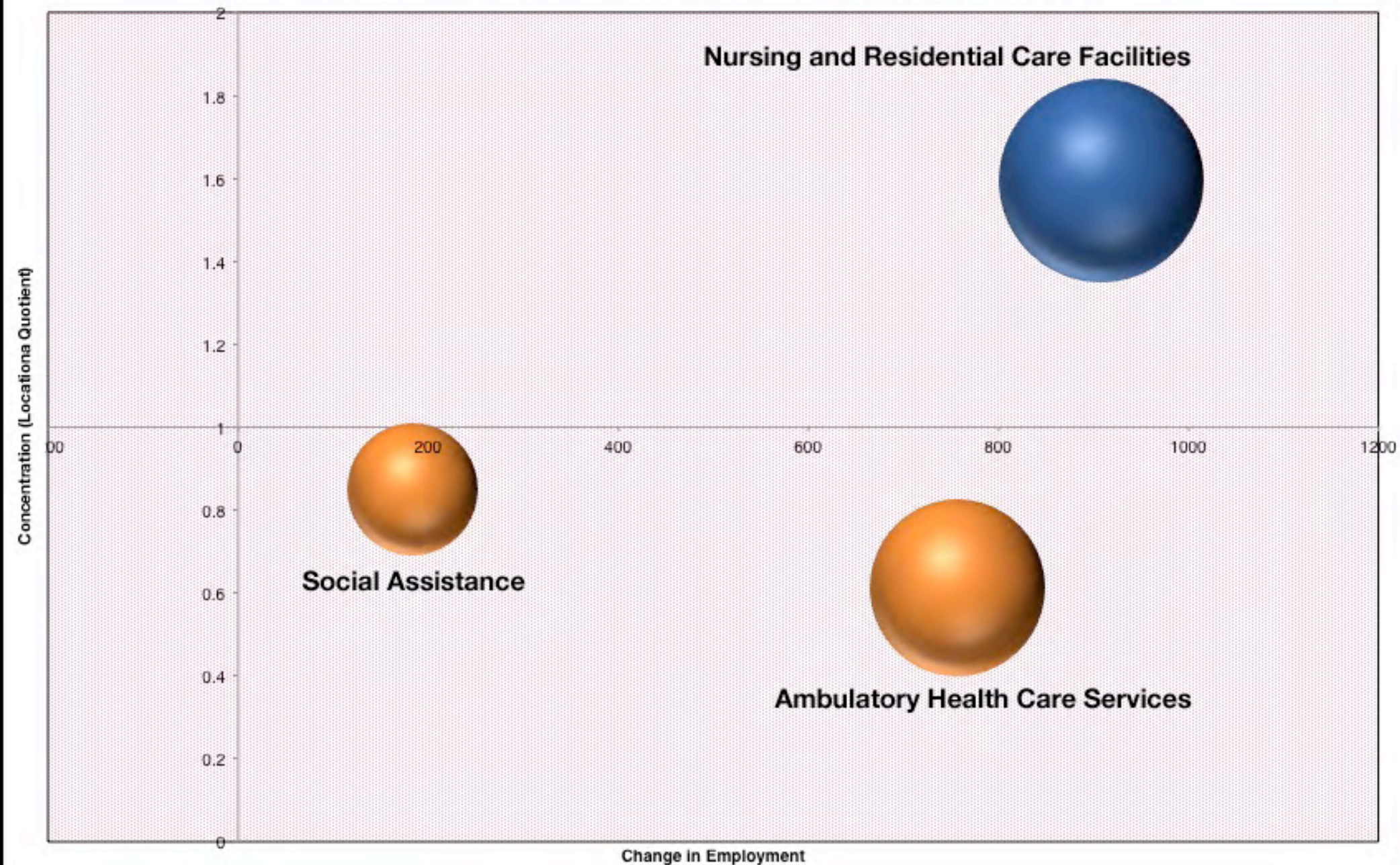
## HEALTH CARE

### LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEAST REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	4,018	4,775	757	18.8%	0.61	Emerging
622	Hospitals	4,967	4,522	(445)	-9.0%	0.81	
623	Nursing and Residential Care Facilities	5,542	6,451	909	16.4%	1.59	Leading
624	Social Assistance	2,449	2,633	184	7.5%	0.85	Emerging

## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEASTERN REGION





# HEALTH CARE

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	8	2	30	1.3
622	Hospitals					3	36.4	2.1
623	Nursing and Residential Care Facilities					1	10.8	1.1
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	9	1	8	0.4
623	Nursing and Residential Care Facilities					2	17.1	2
624	Social Assistance					4	40.7	5.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	8	5	56.3	1.8
622	Hospitals					2	25	1
623	Nursing and Residential Care Facilities					1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	51	10	20.1	7.4
622	Hospitals					30	59.2	28.9
623	Nursing and Residential Care Facilities					4	7	5.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	8	8	97.4	2.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	12	7	55	1.8
622	Hospitals					2	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	29	8	28.9	3
622	Hospitals					5	16.3	2.3
623	Nursing and Residential Care Facilities					11	39.1	9.1
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	57	5	9	1.8
622	Hospitals					14	24.4	6.6
623	Nursing and Residential Care Facilities					31	53.9	24.4
624	Social Assistance					1	1.9	1
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	9	9	95.4	4.1
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	12	10	79.7	6.6
622	Hospitals					1	12.4	1.4
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svrs/Mgrs, Food Prep/Serv **	23	1	2.7	0.7
623	Nursing and Residential Care Facilities					1	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	8	1	11.8	0.6
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	21	9	40.6	5.3
622	Hospitals					1	3.7	0.6
623	Nursing and Residential Care Facilities					1	2.9	0.8

# HEALTH CARE

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Health Informatics	11-9111	Medical & Health Services Managers	8	2	30	1.3	\$82,476	Bachelor's degree	None	None
				3	36.4	2.1				
				1	10.8	1.1				
Support Services	21-1093	Social & Human Services Assistants**	9	1	8	0.4	\$22,597	High school diploma or equivalent	None	Short-term on-the-job training
				2	17.1	2				
				4	40.7	5.1				
Therapeutic Services	29-1123	Physical Therapists	8	5	56.3	1.8	\$74,758	Doctoral or professional degree	None	None
				2	25	1				
				1	6.7	0.5				
Therapeutic Services	29-1141	Registered Nurses	51	10	20.1	7.4	\$48,475	Associate's or Bachelor's degree	None	None
				30	59.2	28.9				
				4	7	5.8				
Therapeutic Services	29-2021	Dental Hygienists	8	8	97.4	2.8	\$65,081	Associate's degree	None	None
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	12	7	55	1.8	\$27,363	Postsecondary non-degree award	None	None
				2	15.2	0.7				
Therapeutic Services	29-2061	Licensed Practical Nurses	29	8	28.9	3	\$35,568	Postsecondary non-degree award	None	None
				5	16.3	2.3				
				11	39.1	9.1				
Therapeutic Services	31-1014	Nursing Assistants	57	5	9	1.8	\$21,563	Postsecondary non-degree award	None	None
				14	24.4	6.6				
				31	53.9	24.4				
				1	1.9	1				
Therapeutic Services	31-9091	Dental Assistants	9	9	95.4	4.1	\$32,200	Postsecondary non-degree award	None	None
Health Informatics	31-9092	Medical Assistants	12	10	79.7	6.6	\$26,119	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	12.4	1.4				
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	23	1	2.7	0.7	\$24,854	High school diploma or equivalent	1 to 5 years	None
				1	2.7	0.7				
Health Informatics	43-3011	Bill and Account Collectors**	8	1	11.8	0.6	\$28,735	High school diploma or equivalent	None	Moderate-term on-the-job training
Health Informatics	43-4171	Receptionists & Information Clerks **	21	9	40.6	5.3	\$23,659	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.7	0.6				
				1	2.9	0.8				

# ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHEAST REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	7	522	Credit intermediation and related activities	0	4.1
			524	Insurance carriers and related activities	1	8.2
			551	Management of companies and enterprises	1	7.3
			611	Educational services; state, local, and private	0	4.5
			5241	Insurance carriers	1	7.4
			5415	Computer systems design and related services	2	28.9
			5416	Management, scientific, and technical consulting services	0	3.9
			9992	State government, excluding education and hospitals	0	3.6
15-1131	Computer Programmers	4	524	Insurance carriers and related activities	0	3.6
			551	Management of companies and enterprises	0	3.5
			5112	Software publishers	0	5.4
			5415	Computer systems design and related services	2	40.6
			5613	Employment services	0	3.9
15-1142	Network & Computer Sys. Administrators	4	517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
			551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	0	10.4
			5415	Computer systems design and related services	1	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
15-1151	Computer User Support Specialists	5	423	Merchant wholesalers, durable goods	0	5.2
			551	Management of companies and enterprises	0	4.4
			611	Educational services; state, local, and private	1	12.7
			5112	Software publishers	0	4.3
			5415	Computer systems design and related services	1	24.6
			5613	Employment services	0	3.6

# ATTACHMENT M - Regional Data

MANUFACTURING					
SOUTHEAST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Complete rs	Degree Type	WIOA Eligible Training Providers
Machinists**	48.0503	Mach Shop Technology	No programs in this EDR		
Team Assemblers	No Related Program of Study for This Occupation				
Printing Press Operators & Job Printers**	10.0302	Printing Management	No program in the EDR		
	10.0305	Graphic and Printing Equip Oper			
	Community Colleges	Lakeland CC	26	< 1 Yr Cert	
	10.0307	Printing Press Oper	No program in the EDR		
	10.0399	Graphic Communications, Other	No program in the EDR		

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

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
SOUTHEAST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Complete rs	Degree Type	WIOA Eligible Training Providers
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
	School Bus Drivers	IL Eastern CC-Wabash Valley	9	< 1 Yr Cert	Kaskaskia College
Truck Drivers, Light & Delivery Services					Lake Land College
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				
Cargo & Freight Agents (Route Planners)	52.0408	General Office Occupations			
	Community Colleges	Kaskaskia College	1	1-2 Yr Cert	
	52.0410	Traffic, Customs, Transp Clerk	No Programs in this EDR		

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



# ATTACHMENT M - Regional Data

HEALTH CARE					
SOUTHEAST 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
Nursing Assistants	51.3902	Nurse Aide			
	Community Colleges	IL Eastern CC - Lincoln Trail	34	< 1 Yr Cert	IL Eastern CC - Wabash Valley
		IL Eastern CC - Olney Central	69	< 1 Yr Cert	Kaskaskia CC
		IL Eastern CC - Wabash Valley	34	< 1 Yr Cert	Lakeland CC
		Kaskaskia CC	326	< 1 Yr Cert	
		Lakeland CC	113	< 1 Yr Cert	
Registered Nurses	51.3801	Registered Nursing			
	Community Colleges	IL Eastern CC - Olney Central	96	Associate	IL Eastern CC - Frontier
		IL Eastern CC - Wabash Valley	2	Associate	IL Eastern CC - Wabash Valley
		IL Eastern CC - Frontier	6	Associate	Kaskaskia CC
		Kaskaskia CC	86	Associate	Lakeland CC
		Lakeland CC	49	Associate	
Licensed Practical Nurses	51.3901	Licensed Practical Nurse			
	Community Colleges	IL Eastern CC - Frontier	6	1-2 Yr Cert	
		IL Eastern CC - Olney Central	80	1-2 Yr Cert	
		Kaskaskia CC	55	1-2 Yr Cert	
		Lakeland CC	44	1-2 Yr Cert	
Receptionists & Information Clerks **	52.0406	Receptionist	No Programs in this EDR		
Medical Assistants	51.0710	Med Office Asst/Specialist	No Programs in this EDR		
	51.0712	Medical Reception/Receptionist.	No Programs in this EDR		
	51.0713	Medical Insurance Coding Specialist/Coder			
	Community Colleges	IL Eastern CC - Frontier	4	1-2 Yr Cert	
		IL Eastern CC - Olney Central	7	1-2 Yr Cert	
		Lakeland CC	18	Associate	
	51.0716	Med Admin/Exec Assistant & Med Secretary.	No program in EDR		
	51.0801	Med/Clinical Assistant			
	Community Colleges	IL Eastern CC- Lincoln Trail	18	1-2 Yr Cert	IL Eastern-Olney Central
					IL Eastern-Lincoln Trail
	51.0809	Anesthesiologist Asst	no program in EDR		
	51.0813	Chiropractic Asst/Technician	no program in EDR		

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

# ATTACHMENT M - Regional Data

<b>Southeastern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
529	Illinois Eastern	(274)	(230)	(338)	(842)
	Frontier	17	47	124	188
	Lincoln Trail	43	35	59	137
	Olney Central	131	125	103	359
	Wabash Valley	83	23	52	158
501	Kaskaskia	284	295	682	1,261
517	Lake Land	402	480	1,475	2,357
Southeastern Total		960	1,005	2,495	4,460
State Total		11,555	6,876	28,142	46,573
% of State Total		8.3%	14.6%	8.9%	9.6%

## 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

<b>Southeastern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
529	Illinois Eastern	(0)	(53)	(342)	(0)	(0)	(0)	(121)	(0)	(516)
	Frontier	0	2	62	0	0	0	23	0	87
	Lincoln Trail	0	9	69	0	0	0	35	0	113
	Olney Central	0	6	154	0	0	0	42	0	202
	Wabash Valley	0	36	57	0	0	0	21	0	114
501	Kaskaskia	216	31	0	0	5	0	71	0	323
517	Lake Land	124	216	0	0	6	0	190	0	536
Southeastern Total		340	300	342	0	11	0	382	0	1,375
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		2.9%	4.3%	53.3%	0.0%	5.1%	0.0%	10.3%	0.0%	5.9%

**ATTACHMENT M - Regional Data**

<b>Southeastern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
529	Illinois Eastern	(4,828)	(6,516)	(18,158)	(184)	(160)	(14)	(1)	(716)	(30,577)	(852)
	Frontier	1,470	5,877	220	80	61	0	0	152	7,860	163
	Lincoln Trail	1,104	4	435	25	8	2	0	142	1,720	329
	Olney Central	1,047	103	729	55	80	3	0	241	2,258	322
	Wabash Valley	1,207	532	16,774	24	11	9	1	181	18,739	38
501	Kaskaskia	5,097	847	2,780	292	0	0	1	1,198	10,215	2,128
517	Lake Land	11,561	8,890	3,117	341	4	51	6	991	24,961	3,702
Southeastern Total		21,486	16,253	24,055	817	164	65	8	2,905	65,753	6,682
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
Proportion of State Total		7.5%	23.0%	13.9%	3.0%	1.4%	0.2%	0.3%	5.7%	10.0%	3.4%

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

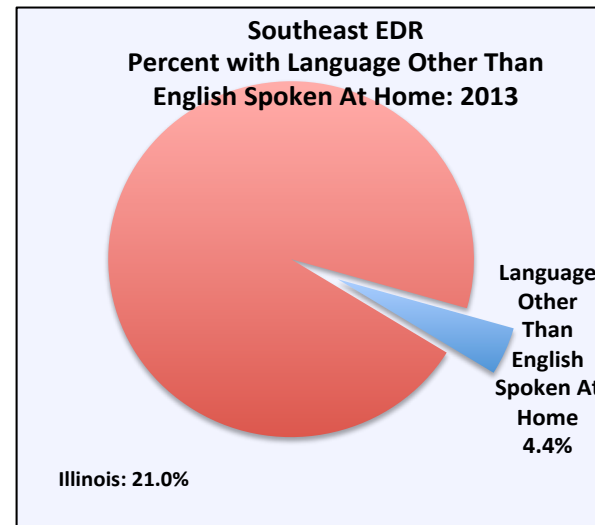
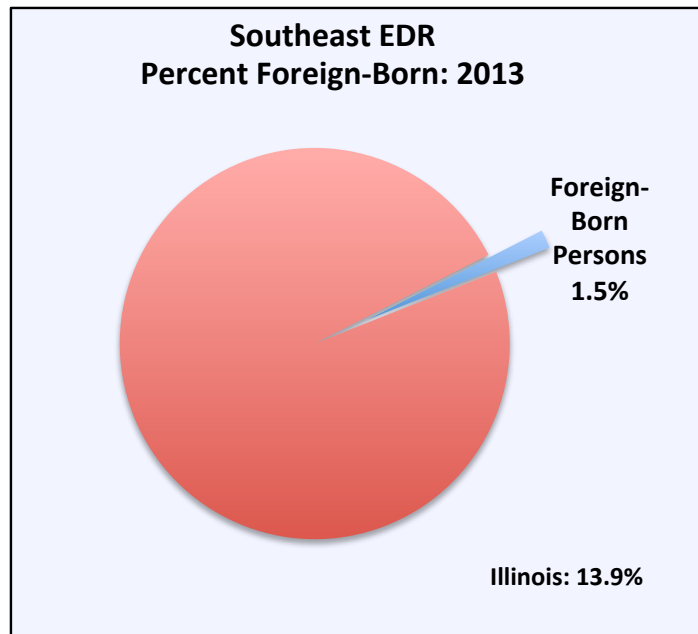
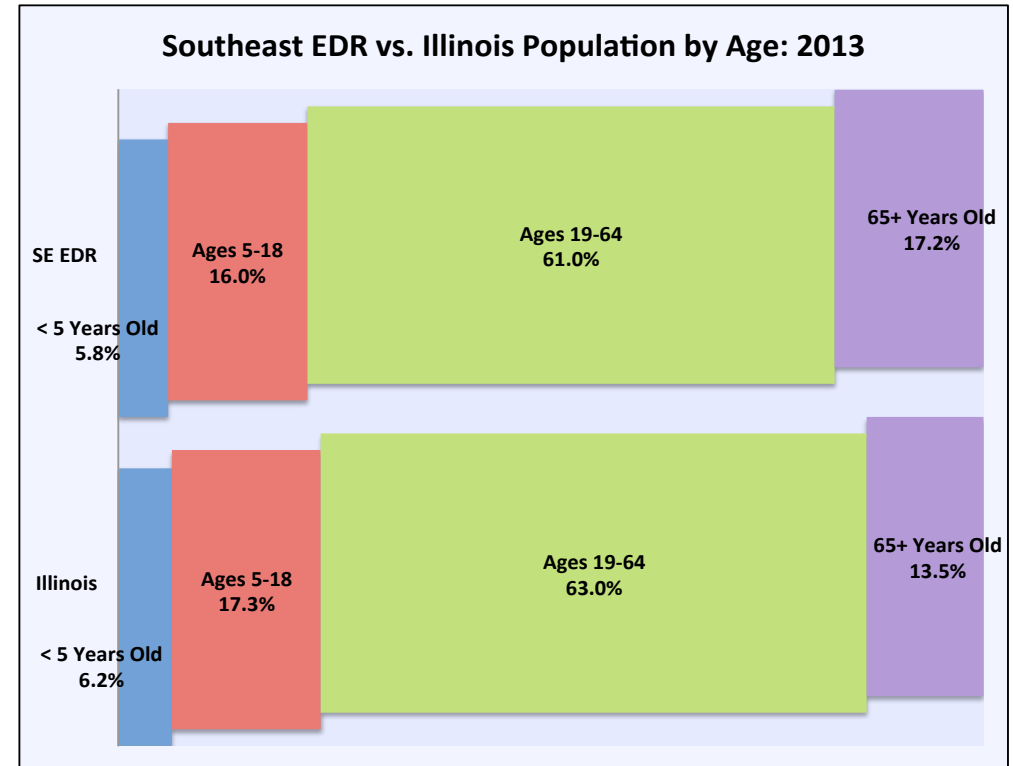
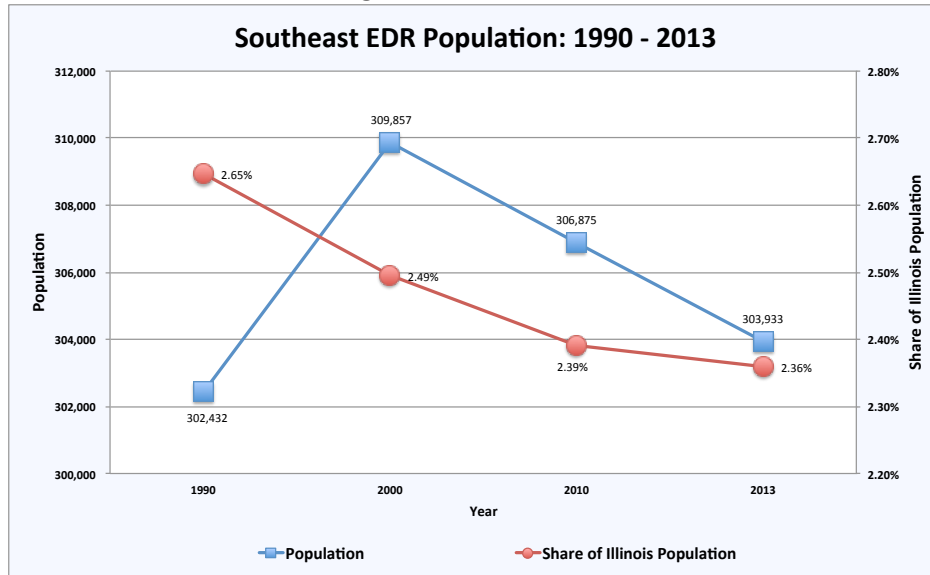
\*\* Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

**ATTACHMENT M - Regional Data**

<b>Southeastern</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates</b> by <b>Career Cluster</b>																			
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*
529	Il Eastern	(38)	(20)	(1)	(15)	(468)	(0)	(0)	(508)	(0)	(19)	(23)	(16)	(113)	(18)	(53)	(34)	(0)	(1,326)
529	Il Ea Frontier	0	18	0	1	86	0	0	118	0	0	13	0	2	0	2	9	0	249
529	Il Ea Lincoln Trail	0	0	0	0	107	0	0	62	0	0	10	0	57	0	9	0	0	245
529	Il Ea Olney Central	0	0	0	14	196	0	0	292	0	12	0	11	24	0	6	5	0	560
529	Il Ea Wabash Valley	38	2	1	0	79	0	0	36	0	7	0	5	30	18	36	20	0	272
501	Kaskaskia	38	113	0	36	312	0	0	611	73	43	22	67	75	2	34	81	0	1,507
517	Lake Land	216	358	58	66	694	0	0	298	271	70	47	2	113	33	222	437	0	2,885
Southeastern Total		292	491	59	117	1,474	0	0	1,417	344	132	92	85	301	53	309	552	0	5,718
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		31.2%	17.0%	7.2%	3.8%	8.8%	0.0%	0.0%	7.7%	19.9%	6.3%	3.8%	2.9%	10.8%	16.0%	4.6%	9.3%	0.0%	8.4%

\*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.

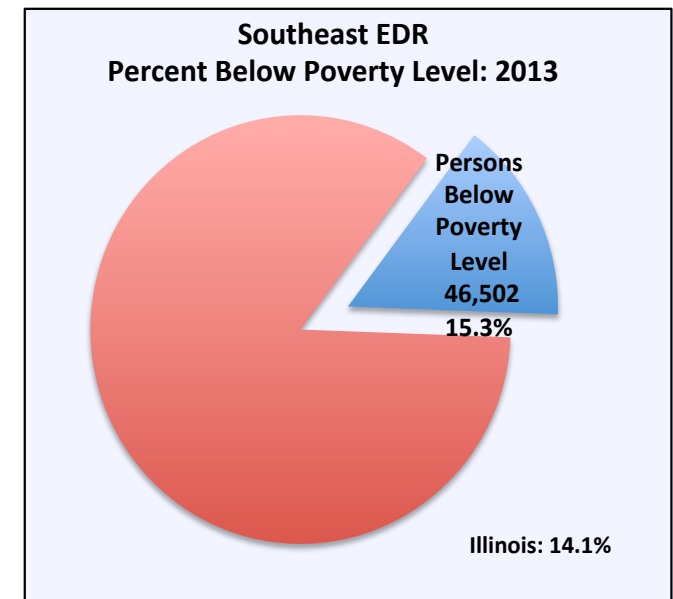
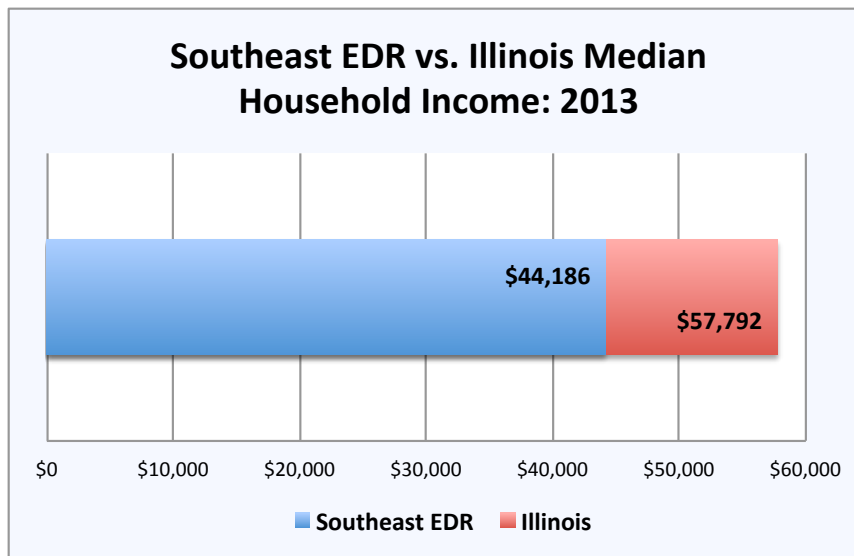
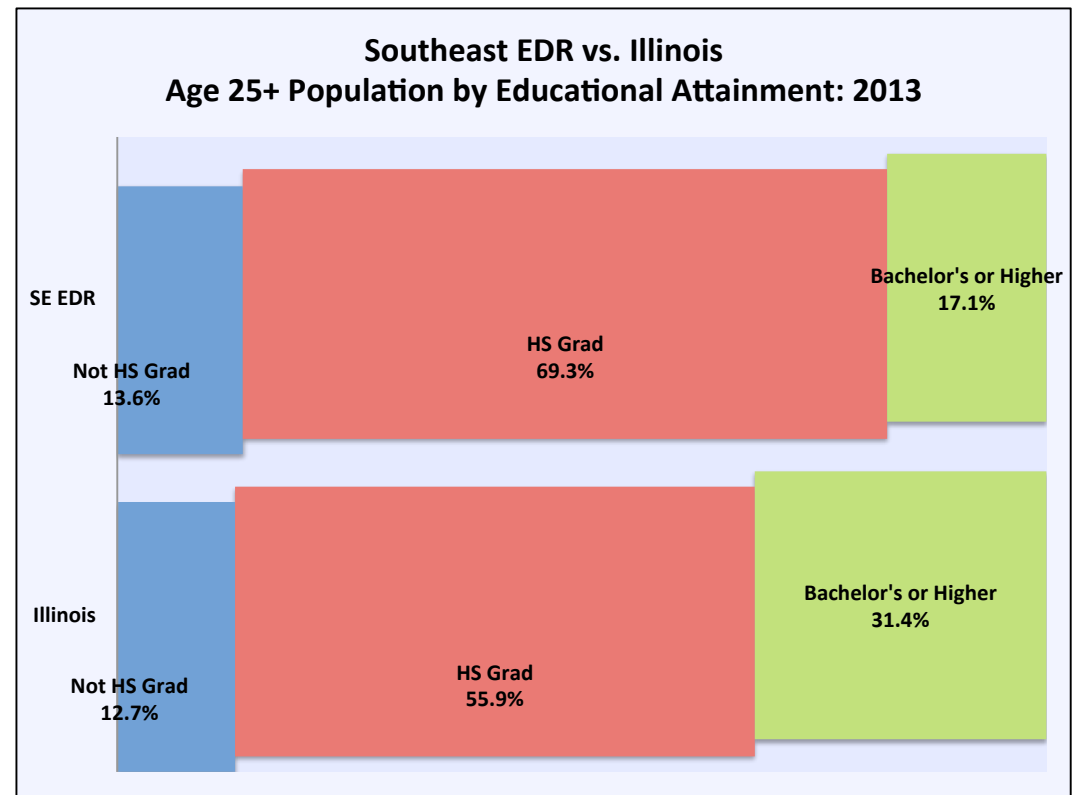
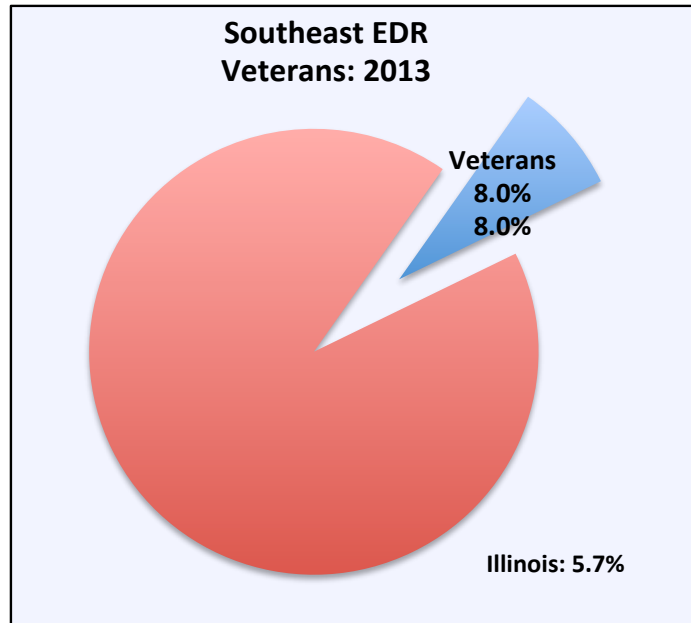
## ATTACHMENT M - Regional Data



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



ATTACHMENT M - Regional Data



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

## SOUTHEAST REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	<b>134,938</b>
	Employed	<b>125,694</b>
	Unemployed	<b>9,244</b>
	Rate	<b>6.9</b>
TANF	Annual 2014	<b>26,972</b>
	Monthly Average	<b>2,248</b>
Corrections		<b>6,803</b>
Persons with Disabilities	Mental Disabilities	<b>85</b>
	Adults with Disabilities	<b>34,622</b>
Public Aid	Public Aid Recipients	<b>92,571</b>
	Adult Public Aid Recipients	<b>52,949</b>

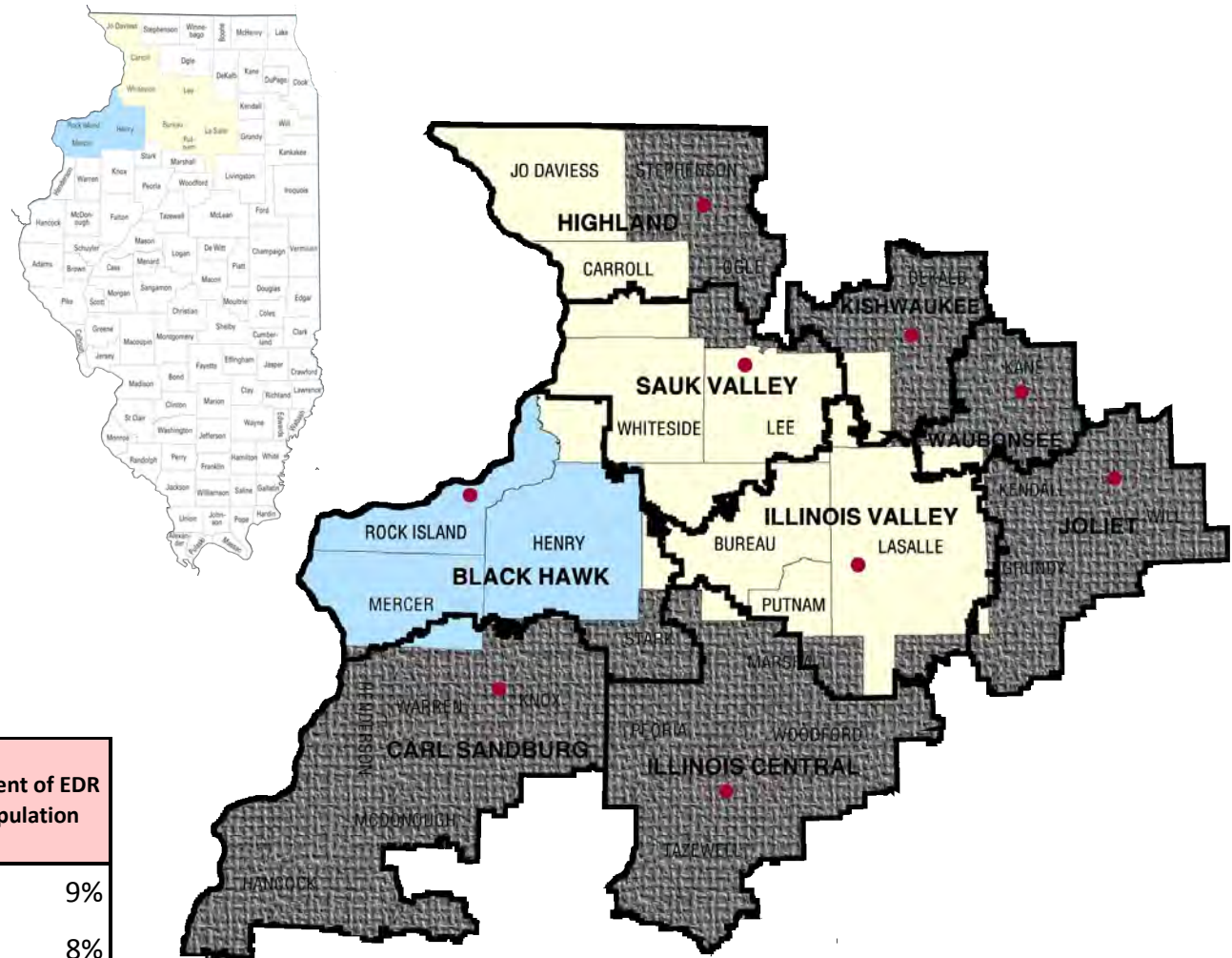
## NORTHWEST ECONOMIC DEVELOPMENT REGION

Northwest EDR Counties	2013 Population Estimates	Percent of EDR Population
Bureau	34,056	6%
Carroll	14,910	3%
Henry	49,860	9%
Jo Daviess	22,407	4%
LaSalle	112,183	20%
Lee	34,858	6%
Mercer	16,178	3%
Putnam	5,801	1%
Rock Island	147,258	27%
Whiteside	57,557	10%
Total Population	495,068	

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

Northwest EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Moline	43,116	9%
Rock Island	38,877	8%
East Moline	21,360	4%
Ottawa	18,562	4%
Dixon	15,333	3%
Sterling	15,152	3%

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



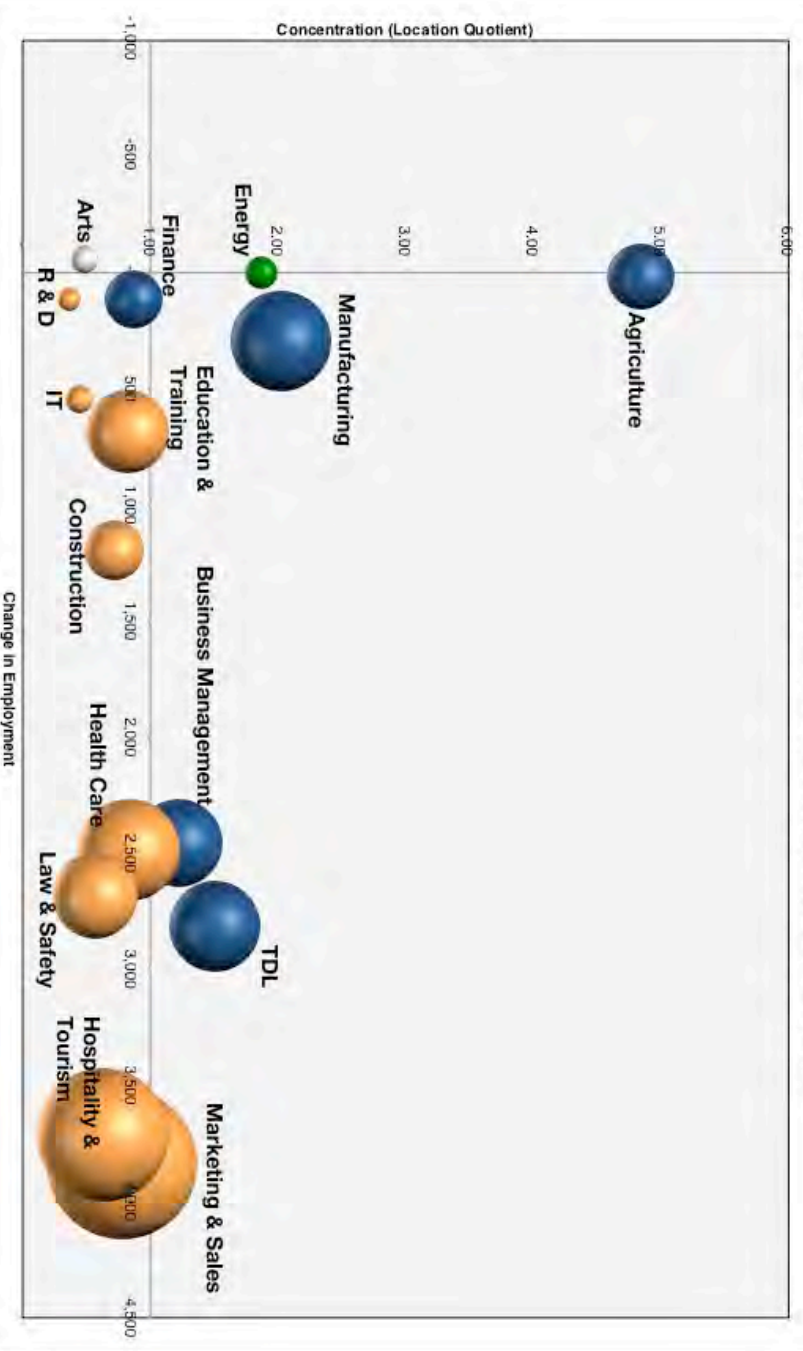
LWIA 4  
 LWIA 13  
 COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

## NORTHWEST REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	60,458	64,292	3,834	6.3%	0.78
Hospitality & Tourism	45,971	49,684	3,713	8.1%	0.63
Health Care	26,620	29,106	2,486	9.3%	0.83
Manufacturing	28,197	28,492	295	1.0%	2.02
Transportation, Distribution & Logistics	20,468	23,283	2,815	13.8%	1.50
Business Management	19,390	21,846	2,456	12.7%	1.22
Law & Public Safety	17,561	20,244	2,683	15.3%	0.57
Education & Training	18,211	18,895	684	3.8%	0.82
Agriculture	12,181	12,198	17	0.1%	4.84
Construction	8,900	10,095	1,195	13.4%	0.72
Finance	9,010	9,124	114	1.3%	0.87
Energy	2,766	2,763	-3	-0.1%	1.87
Arts & Audio Visual	2,101	2,045	-56	-2.7%	0.48
Information Technology	1,438	1,984	546	38.0%	0.44
Research & Development	1,243	1,360	117	9.4%	0.36

### MAJOR INDUSTRY CLUSTERS IN THE NORTHWEST REGION

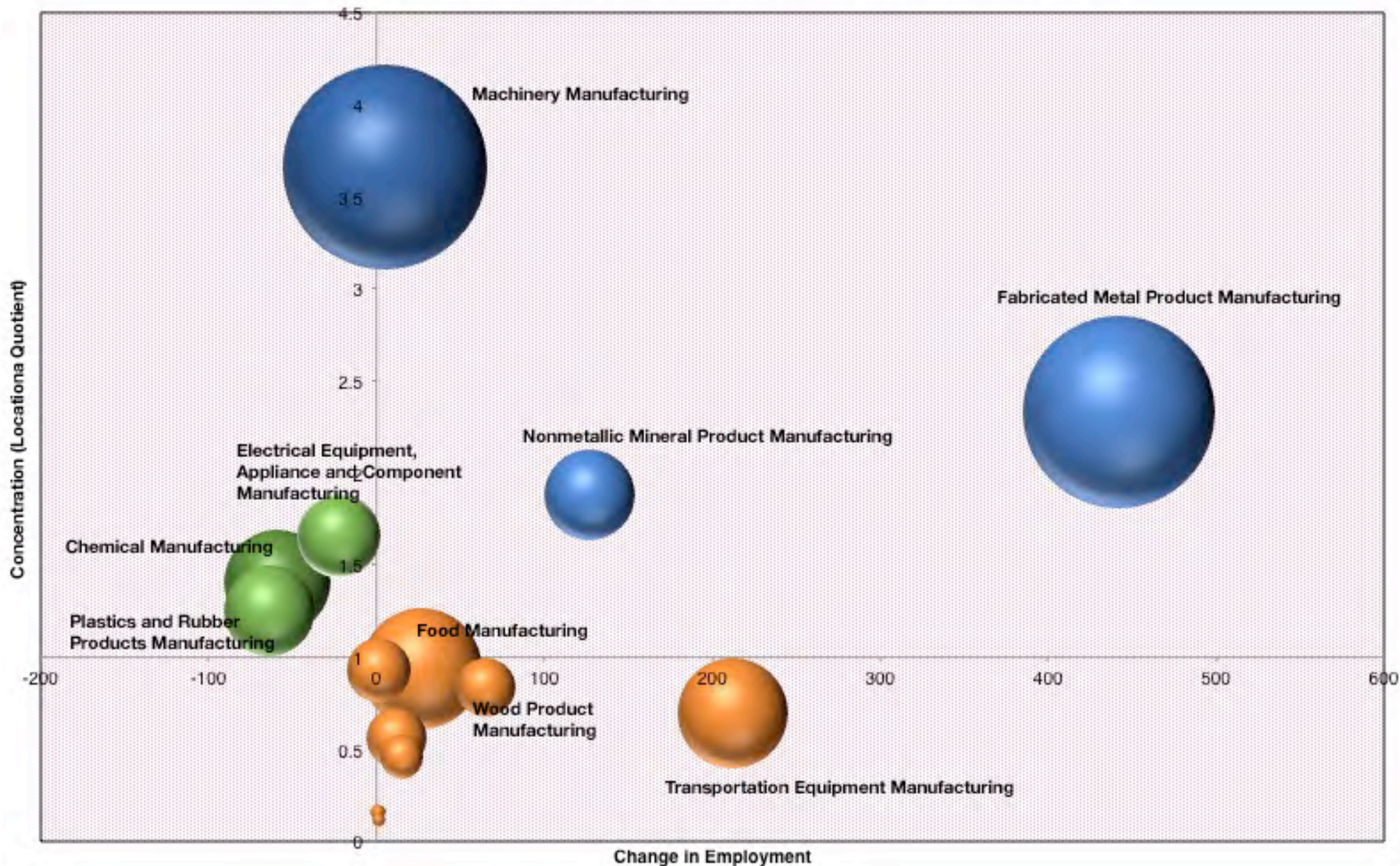


<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>2,518</b>	<b>2,545</b>	<b>27</b>	<b>1.1%</b>	<b>0.94</b>	<b>Emerging</b>
312	Beverage and Tobacco Product Manufacturing	18	16	(2)	-11.1%	0.05	
313	Textile Mills	-	-	-	0.0%	-	
<b>314</b>	<b>Textile Product Mills</b>	<b>24</b>	<b>25</b>	<b>1</b>	<b>4.2%</b>	<b>0.11</b>	<b>Emerging</b>
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>522</b>	<b>587</b>	<b>65</b>	<b>12.5%</b>	<b>0.84</b>	<b>Emerging</b>
322	Paper Manufacturing	260	237	(23)	-8.8%	0.37	
323	Printing and Related Support Activities	867	653	(214)	-24.7%	1.02	
<b>324</b>	<b>Petroleum and Coal Products Manufacturing</b>	<b>33</b>	<b>34</b>	<b>1</b>	<b>3.0%</b>	<b>0.16</b>	<b>Emerging</b>
<b>325</b>	<b>Chemical Manufacturing</b>	<b>2,044</b>	<b>1,985</b>	<b>(59)</b>	<b>-2.9%</b>	<b>1.41</b>	<b>Maturing</b>
<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>	<b>1,486</b>	<b>1,422</b>	<b>(64)</b>	<b>-4.3%</b>	<b>1.25</b>	<b>Maturing</b>
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>1,269</b>	<b>1,396</b>	<b>127</b>	<b>10.0%</b>	<b>1.88</b>	<b>Leading</b>
<b>331</b>	<b>Primary Metal Manufacturing</b>	<b>682</b>	<b>683</b>	<b>1</b>	<b>0.1%</b>	<b>0.93</b>	<b>Emerging</b>
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>6,034</b>	<b>6,476</b>	<b>442</b>	<b>7.3%</b>	<b>2.33</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>7,390</b>	<b>7,395</b>	<b>5</b>	<b>0.1%</b>	<b>3.66</b>	<b>Leading</b>
334	Computer and Electronic Product Manufacturing	1,099	871	(228)	-20.7%	0.55	
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	<b>1,136</b>	<b>1,113</b>	<b>(23)</b>	<b>-2.0%</b>	<b>1.66</b>	<b>Maturing</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>1,921</b>	<b>2,133</b>	<b>212</b>	<b>11.0%</b>	<b>0.70</b>	<b>Emerging</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>296</b>	<b>311</b>	<b>15</b>	<b>5.1%</b>	<b>0.46</b>	<b>Emerging</b>
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>598</b>	<b>610</b>	<b>12</b>	<b>2.0%</b>	<b>0.56</b>	<b>Emerging</b>



# MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION



MANUFACTURING									
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION									
	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Employment in this Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is in this Occupation	
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	17	1	3.5	2.8	
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	11	1	10.8	5.6	
325	Chemical Manufacturing					1	4.2	1.3	
332	Fabricated Metal Product Manufacturing					1	5.6	0.9	
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	12	1	6.9	1.6	
334	Computer and Electronic Product Manufacturing					1	12.2	3	
336	Transportation Equipment Manufacturing					2	17.6	2.8	
332	Fabricated Metal Product Manufacturing					1	6.2	1.1	
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	17	2	12.3	3.3	
334	Computer and Electronic Product Manufacturing					1	6.3	1.8	
336	Transportation Equipment Manufacturing					2	11.9	2.2	
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg. Tech/Sci/Prods**	23	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	
323	Printing and Related Support Activities					1	1.2	4.4	
325	Chemical Manufacturing					1	0.7	1.4	
326	Plastics and Rubber Products Manufacturing					1	0.7	2	
327	Nonmetallic Mineral Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg./Ex.Tech/Sci/tic**	96	1	0.7	2.9	
332	Fabricated Metal Product Manufacturing					1	0.7	2.9	
333	Machinery Manufacturing					1	1.4	2.3	
334	Computer and Electronic Product Manufacturing					1	0.6	0.9	
336	Transportation Equipment Manufacturing					1	0.7	0.8	
339	Miscellaneous Manufacturing					1	0.7	2.2	
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	11	1	5.8	1.2	
311	Food Manufacturing					1	2.6	1.3	
312	Beverage and Tobacco Product Manufacturing					1	1.7	3.5	
321	Wood Product Manufacturing					1	1.5	1.4	
322	Paper Manufacturing					1	1.9	1.8	
325	Chemical Manufacturing					1	1.7	2	
326	Plastics and Rubber Products Manufacturing					2	3.9	1.8	
327	Nonmetallic Mineral Product Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	2.5	1.7	
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					1	2.3	2.3	
325	Chemical Manufacturing					1	1.2	2.4	
331	Primary Metal Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	48	1	1.1	4.4	
332	Fabricated Metal Product Manufacturing					1	1.4	1.4	
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	5.7	3.3	
331	Primary Metal Manufacturing	Production	51-1011	1st-Line Sprvs/Mgrs. Prod. & Operating Workers**	23	1	2.8	4.5	
332	Fabricated Metal Product Manufacturing					3	11.1	4.3	
333	Machinery Manufacturing					1	3.1	1.9	
334	Computer and Electronic Product Manufacturing					2	7.2	2.9	
336	Transportation Equipment Manufacturing					1	2.5	4.1	
339	Miscellaneous Manufacturing					1	3.2	3.5	
311	Food Manufacturing					2	2.5	1.9	
321	Wood Product Manufacturing					3	3.3	9.1	
325	Chemical Manufacturing					1	1.2	1.8	
326	Plastics and Rubber Products Manufacturing					3	3.6	6.5	
327	Nonmetallic Mineral Product Manufacturing					1	1.2	3.2	
331	Primary Metal Manufacturing					1	0.7	2.2	
332	Fabricated Metal Product Manufacturing					6	7.3	5.3	
333	Machinery Manufacturing					8	10	10.7	
334	Computer and Electronic Product Manufacturing					3	3.6	4.1	
335	Electrical Equipment, Appliance, and Component Manufacturing					3	3.8	12.8	

## ATTACHMENT M Regional Data

336	Transportation Equipment Manufacturing				16	20.3	15.1
337	Furniture and Related Product Manufacturing				3	3.3	9.9
339	Miscellaneous Manufacturing				4	5.6	11.6
311	Food Manufacturing	Production	51-3092	<b>Food Batchmakers</b>	15	12	79.3
326	Plastics and Rubber Products Manufacturing				1	4.5	1.2
331	Primary Metal Manufacturing				1	4	1.8
332	Fabricated Metal Product Manufacturing				9	39.3	4.2
333	Machinery Manufacturing	Production	51-4011	<b>Computer-Controlled Machine Tool Operators**</b>	24	4	18.4
334	Computer and Electronic Product Manufacturing				1	5	0.9
335	Electrical Equipment, Appliance, and Component Manufacturing				1	3.7	1.8
336	Transportation Equipment Manufacturing				4	18.2	2
339	Miscellaneous Manufacturing				1	3.9	1.2
326	Plastics and Rubber Products Manufacturing				1	1.5	1.1
331	Primary Metal Manufacturing				1	1.9	2.2
332	Fabricated Metal Product Manufacturing				21	35.1	10.2
333	Machinery Manufacturing	Production	51-4041	<b>Machinists**</b>	60	10	16.6
334	Computer and Electronic Product Manufacturing				2	3	1.4
335	Electrical Equipment, Appliance, and Component Manufacturing				1	1.6	2.2
336	Transportation Equipment Manufacturing				7	12	3.6
339	Miscellaneous Manufacturing				2	2.7	2.3
332	Fabricated Metal Product Manufacturing				6	24.3	6.2
333	Machinery Manufacturing	Production	51-4121	<b>Welders, Cutters, Solderers &amp; Brazers**</b>	25	3	13.2
336	Transportation Equipment Manufacturing				3	12.5	3.3
311	Food Manufacturing				2	6.6	2.2
325	Chemical Manufacturing				1	4.8	3.2
326	Plastics and Rubber Products Manufacturing				2	5.6	4.7
331	Primary Metal Manufacturing				1	2.3	3.2
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	51-9061	<b>Inspectors, Testers, Sorters &amp; Weighers</b>	27	2	8.9
333	Machinery Manufacturing				1	4.7	2.3
334	Computer and Electronic Product Manufacturing				1	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>	24	1	5.2
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>	30	1	2.1
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

## ATTACHMENT M - Regional Data

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Industry Occupation Openings that is in this Industry	2022 Percent of the Industry Occupation that is in this Industry	2022 Percent of the Industry Occupation that is in this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	17	1	3.5	2.8	\$74,036	Bachelor's degree	None	None
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	11	1	10.8	5.6	\$92,053	Bachelor's degree	None	None
Manufacturing Production Process Development	17-2112	Industrial Engineers**	12	1	6.9	1.6	\$74,132	Bachelor's degree	None	None
				1	12.2	3				
				2	17.6	2.8				
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	17	2	12.3	3.3	\$74,997	Bachelor's degree	None	None
				1	6.3	1.8				
				2	11.9	2.2				
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg, Tech/Self-start**	23	1	3.9	1.7	\$58,236	Bachelor's degree	None	Moderate-term on-the-job training
				1	1	1.1				
				1	0.6	5.2				
				1	0.6	2.4				
				1	1.2	4.4				
				1	0.7	1.4				
				1	0.7	2				
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex/Tech/Scntific**	96	1	0.7	2.9	\$49,575	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	2	2.1				
				1	1.4	2.3				
				1	0.6	0.9				
				1	0.7	0.8				
				1	0.7	2.2				
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	11	1	5.8	1.2	\$43,150	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.6	1.3				
				1	1.3	2.1				
				1	1.9	1.8				
				1	1.7	2				
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	41	2	3.9	1.8	\$29,650	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.5	1.7				
				1	1.5	1.1				
				1	2.5	1.2				
				1	1.5	2.1				
				3	9.1	2.4				
				1	1.7	3.5				
				1	1.5	1.4				
				1	3.4	3.7				
				2	5.3	2.7				
				1	3.4	2.1				
				1	1.7	1.6				
				1	3.8	4				
				2	4.5	1.1				
				2	5	1.9				
				2	4.9	1.3				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	1.7	1.6	\$48,108	High school diploma or equivalent	None	Long-term on-the-job training
				1	3.8	4				
				2	4.5	1.1				
				2	5	1.9				
				2	4.9	1.3				
				1	2.3	2.3				
				1	1.2	2.4				
				1	1.1	4.4				
				1	1.4	1.4				
				1	1.2	1.2				
				2	7.8	3.2				
				1	2.5	3.7				
				1	2.2	3.8				
				1	2.9	3.9				
				1	4.9	3.9				
				1	4.5	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				
				2	2.5	1.9				
				3	3.3	9.1				
				1	1.2	1.8				
				3	3.6	6.5				
				1	1.2	3.2				
				1	0.7	2.2				
				6	7.3	5.3				
				8	10	10.7				
				3	3.6	4.1				
				3	3.8	12.8				
				16	20.3	15.1				
				3	3.3	9.9				
				4	5.6	11.6				
				12	79.3	5.6	\$34,732	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-1011	1st-Line Spvrs./Mgns, Prod. & Operating Workers**	23				\$57,803	Postsecondary non-degree award	1 to 5 years	None
				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				
				2	2.5	1.9				
				3	3.3	9.1				
				1	1.2	1.8				
				3	3.6	6.5				
				1	1.2	3.2				
				1	0.7	2.2				
				6	7.3	5.3				
				8	10	10.7				
				3	3.6	4.1				
				3	3.8	12.8				
				16	20.3	15.1				
				3	3.3	9.9				
				4	5.6	11.6				
				12	79.3	5.6	\$34,732	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-2092	Team Assemblers	79				\$24,493	High school diploma or equivalent	None	Moderate-term on-the-job training
				8	10	10.7				
				3	3.6	4.1				
				3	3.8	12.8				
				16	20.3	15.1				
				3	3.3	9.9				
				4	5.6	11.6				
				12	79.3	5.6	\$34,732	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-4011	Computer-Controlled Machine Tool Operators**	24				\$35,918	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.5	1.2				
				1	4	1.8				
				9	39.3	4.2				
				4	18.4	2.9				
				1	5	0.9				
				1	3.7	1.8				
				4	18.2	2				
				1	3.9	1.2				



Production	51-4041	Machinists**	60	1	1.5	1.1	\$41,297	High school diploma or equivalent	None	Long-term on-the-job training
				1	1.9	2.2				
				21	35.1	10.2				
				10	16.6	7				
				2	3	1.4				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	25	1	1.6	2.2	\$35,306	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				7	12	3.6				
				2	2.7	2.3				
				6	24.3	6.2				
				3	13.2	4.9				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	27	3	12.5	3.3	\$34,231	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	6.6	2.2				
				1	4.8	3.2				
				2	5.6	4.7				
				1	2.3	3.2				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	24	2	8.9	2.9	\$27,526	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	4.7	2.3				
				1	5.4	2.8				
				1	2	3				
				3	10	3.4				
Production	51-9199	Production Workers, All Other	30	1	2.9	2.7	\$26,302	High school diploma or equivalent	None	Moderate-term on-the-job training
				7	30.3	7.8				
				1	5.2	10.3				
				3	11.8	6				
				1	3.6	2.2				
Production	51-9199	Production Workers, All Other	30	3	10.9	2	\$26,302	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				
Production	51-9199	Production Workers, All Other	30	1	2.1	1.3	\$26,302	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1.7	1.2				
				1	3.8	0.7				
				1	2.9	0.7				
				1	4.8	0.9				

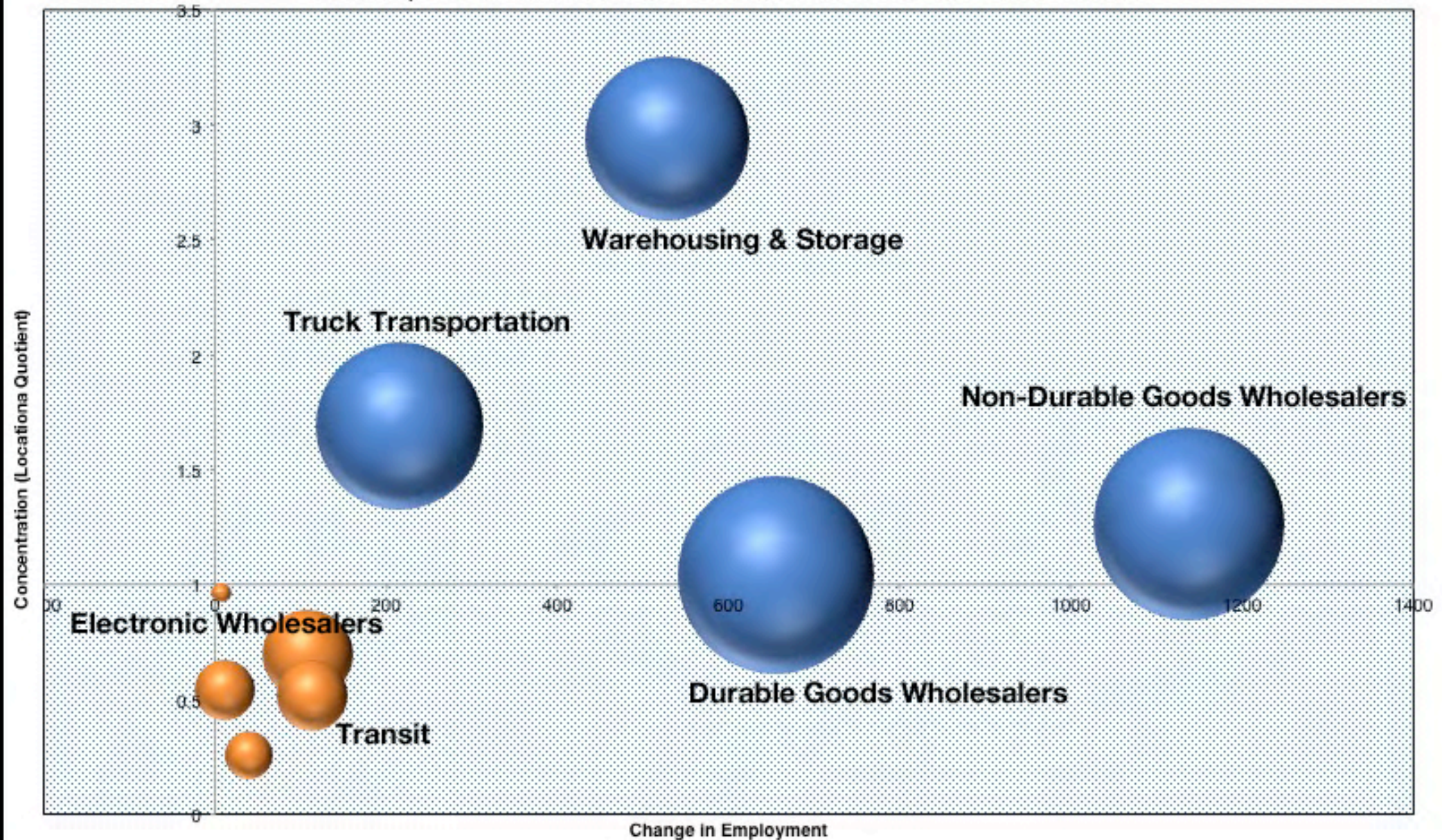


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	5,396	6,051	655	12.1%	1.04	Leading
424	Merchant Wholesalers, Nondurable Goods	4,545	5,682	1,137	25.0%	1.26	Leading
425	Wholesale Electronic Markets and Agents and Brokers	1,121	1,229	108	9.6%	0.70	Emerging
481	Air Transportation	-	-	-	0.0%	-	
483	Water Transportation	-	-	-	0.0%	-	
484	Truck Transportation	4,172	4,387	215	5.2%	1.69	Leading
485	Transit and Ground Passenger Transportation	650	763	113	17.4%	0.52	Emerging
486	Pipeline Transportation	-	-	-	0.0%	-	
487	Scenic and Sightseeing Transportation	53	60	7	13.2%	0.97	Emerging
488	Support Activities for Transportation	309	349	40	12.9%	0.26	Emerging
492	Couriers and Messengers	524	536	12	2.3%	0.54	Emerging
493	Warehousing and Storage	3,698	4,226	528	14.3%	2.94	Leading



## TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION





# TRANSPORTATION, DISTRIBUTION & LOGISTICS

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
424	Merchant Wholesalers, Nondurable Goods	Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Managers**	8	1	8.6	0.5
484	Truck Transportation					1	10	0.7
493	Warehousing and Storage					1	9.1	1.3
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	49	1	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					1	1.6	1.2
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	14	3	17.9	2.6
485	Transit and Ground Passenger Transportation					1	7.8	3.2
488	Support Activities for Transportation					1	7.9	2.4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	41	6	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					3	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers					2	5	7.2
493	Warehousing and Storage					2	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	50	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	14	1	10.6	1
484	Truck Transportation					3	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	23	1	2.7	0.5
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	18	2	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					2	9.9	0.9
484	Truck Transportation					1	4.9	0.6
488	Support Activities for Transportation					1	3.5	0.9
492	Couriers and Messengers					2	9.6	3.6
493	Warehousing and Storage					2	13.7	3.2
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	10	4	42.3	15.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	17	7	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	103	3	3.2	2
424	Merchant Wholesalers, Nondurable Goods					8	7.9	7.3
425	Wholesale Electronic Markets and Agents and Brokers					1	0.5	0.8
484	Truck Transportation					48	46.3	59.7
488	Support Activities for Transportation					3	3.1	8.5
492	Couriers and Messengers					2	1.5	5.6
493	Warehousing and Storage					2	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	42	4	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					3	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.8	1.4
484	Truck Transportation					3	6.1	3.6
488	Support Activities for Transportation					1	1.2	1.5
492	Couriers and Messengers					7	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

## ATTACHMENT M - Regional Data

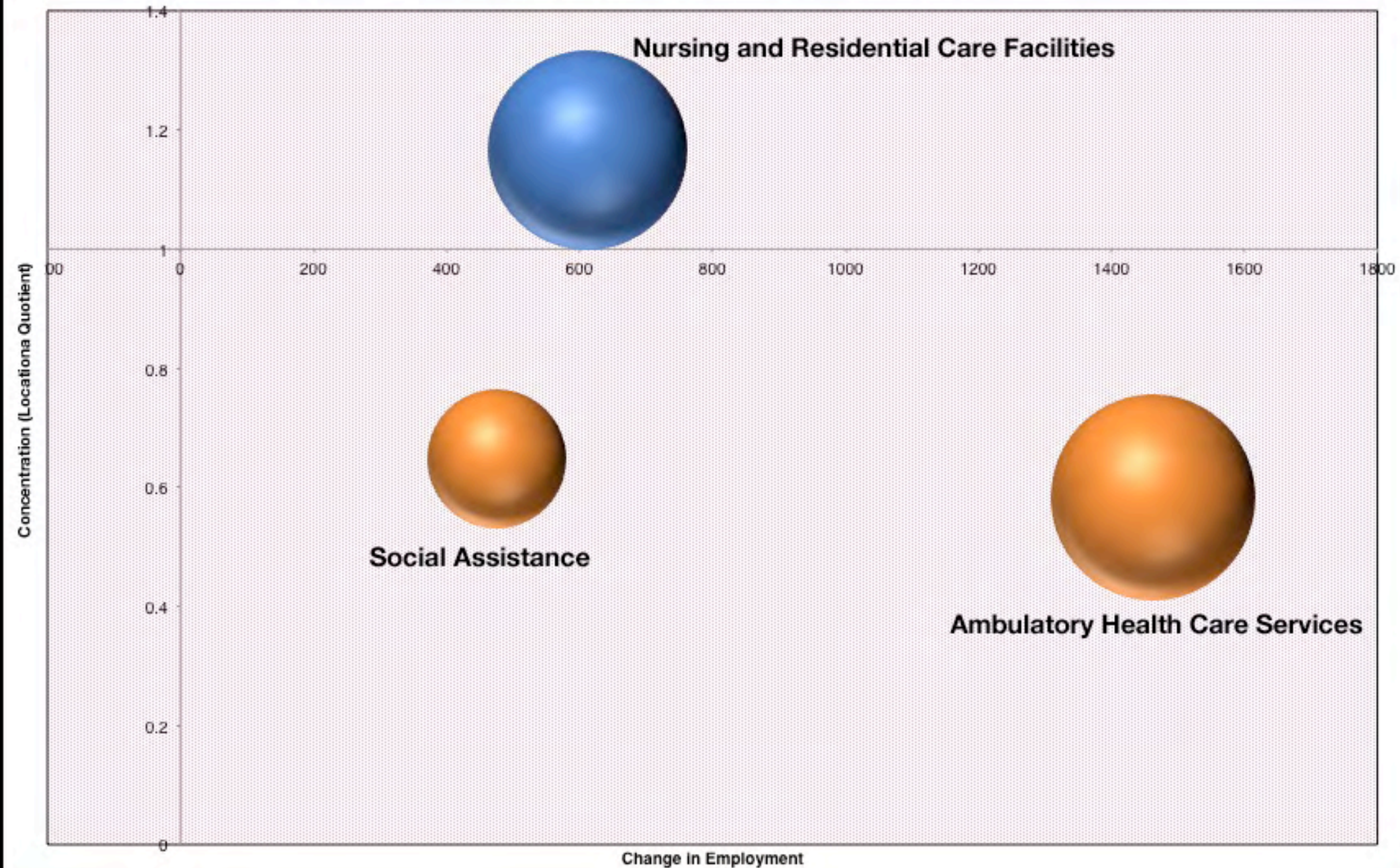
TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Managers**	8	1	8.6	0.5	\$79,501	High school diploma or equivalent	More than 5 yrs	None
				1	10	0.7				
				1	9.1	1.3				
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	49	1	2.5	1.3	\$43,137	High school diploma or equivalent	1 to 5 years	None
				1	1.6	1.2				
Transportation Operations	43-5032	Dispatchers**	14	3	17.9	2.6	\$33,351	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.8	3.2				
				1	7.9	2.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	41	6	13.5	3.2	\$29,650	High school diploma or equivalent	None	Short-term on-the-job training
				3	7.8	2.7				
				1	2.7	1.7				
				1	1.8	1.8				
				2	5	7.2				
				2	4.7	4.1				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	50	1	1.7	0.4	\$37,261	High school diploma or equivalent	None	Long-term on-the-job training
				1	10.6	1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	14	3	18.6	3.5	\$37,935	High school diploma or equivalent	None	Long-term on-the-job training
				1	5	2.6				
Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	23	1	2.7	0.5	\$57,803	Postsecondary non-degree award	1 to 5 years	None
				2	8.6	0.5				
				2	9.9	0.9				
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	18	1	4.9	0.6	\$52,733	High school diploma or equivalent	1 to 5 years	None
				1	3.5	0.9				
				2	9.6	3.6				
				2	13.7	3.2				
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	10	4	42.3	15.1	\$27,900	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3022	School Bus Drivers	17	7	41.2	41.1	\$26,334	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	103	3	3.2	2	\$40,413	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				8	7.9	7.3				
				1	0.5	0.8				
				48	46.3	59.7				
				3	3.1	8.5				
				2	1.5	5.6				
				2	2.2	5.3				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	42	4	8.4	2.5	\$31,241	High school diploma or equivalent	None	Short-term on-the-job training
				3	7.6	3.2				
				1	1.8	1.4				
				3	6.1	3.6				
				1	1.2	1.5				
				7	17.1	30.5				
				1	1.9	2.1				

<b>HEALTH CARE</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>621</b>	<b>Ambulatory Health Care Services</b>	<b>6,893</b>	<b>8,356</b>	<b>1,463</b>	<b>21.2%</b>	<b>0.58</b>	<b>Emerging</b>
622	Hospitals	9,070	9,006	(64)	-0.7%	0.82	
<b>623</b>	<b>Nursing and Residential Care Facilities</b>	<b>7,297</b>	<b>7,909</b>	<b>612</b>	<b>8.4%</b>	<b>1.17</b>	<b>Leading</b>
<b>624</b>	<b>Social Assistance</b>	<b>3,360</b>	<b>3,835</b>	<b>475</b>	<b>14.1%</b>	<b>0.65</b>	<b>Emerging</b>



## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWESTERN REGION



# HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Employment that is in this Industry	2022 Percent of Employment that is in this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	12	1	5.9	0.2
622	Hospitals	Health Informatics				1	6	0.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	13	4	30	1.3
622	Hospitals	Health Informatics				5	36.4	2.1
623	Nursing and Residential Care Facilities	Health Informatics				1	10.8	1.1
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors**	6	2	30.4	0.6
622	Hospitals	Support Services				1	10	0.3
623	Nursing and Residential Care Facilities	Support Services				1	17.6	0.7
624	Social Assistance	Support Services				1	20.1	0.9
623	Nursing and Residential Care Facilities	Support Services	21-1015	Rehabilitation Counselors	6	1	13.4	0.5
624	Social Assistance	Support Services				3	45.7	1.8
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	13	1	8	0.4
623	Nursing and Residential Care Facilities	Support Services				2	17.1	2
624	Social Assistance	Health Informatics	21-1099	Community/Social Services Specialists, All Other	6	5	40.7	5.1
624	Social Assistance	Health Informatics				2	25.9	0.9
624	Social Assistance	Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3
622	Hospitals	Therapeutic Services				8	56.3	1.8
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	15	4	25	1
622	Hospitals	Therapeutic Services				1	6.7	0.5
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1127	Speech-Language Pathologists	8	2	28.4	0.5
622	Hospitals	Therapeutic Services				1	13.6	0.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	102	21	20.1	7.4
622	Hospitals	Therapeutic Services				60	59.2	28.9
623	Nursing and Residential Care Facilities	Therapeutic Services				7	7	5.8
624	Social Assistance	Therapeutic Services				1	0.9	0.8
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	8	4	44.3	1.1
622	Hospitals	Diagnostic Services				3	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	9	9	97.4	2.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	21	12	55	1.8
622	Hospitals	Therapeutic Services				3	15.2	0.7
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	7	1	16.2	1
621	Ambulatory Health Care Services	Therapeutic Services				10	28.9	3
622	Hospitals	Therapeutic Services	29-2061	Licensed Practical Nurses	36	6	16.3	2.3
623	Nursing and Residential Care Facilities	Therapeutic Services				14	39.1	9.1
624	Social Assistance	Health Informatics				1	1.4	0.4
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	10	4	35.4	0.9
622	Hospitals	Health Informatics				4	37.6	1.3
623	Nursing and Residential Care Facilities	Health Informatics				1	8.9	0.5
621	Ambulatory Health Care Services	Therapeutic Services				6	9	1.8
622	Hospitals	Therapeutic Services	31-1014	Nursing Assistants	71	17	24.4	6.6
623	Nursing and Residential Care Facilities	Therapeutic Services				38	53.9	24.4
624	Social Assistance	Health Informatics				1	1.9	1
621	Ambulatory Health Care Services	Health Informatics	31-9011	Massage Therapists	6	1	24.6	0.5
621	Ambulatory Health Care Services	Health Informatics				1	24.6	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	10	95.4	4.1
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	19	15	79.7	6.6
622	Hospitals	Health Informatics				2	12.4	1.4
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	9	2	22.5	0.3
622	Hospitals	Health Informatics				3	33.9	0.6
623	Nursing and Residential Care Facilities	Health Informatics				1	8.5	0.3
624	Hospitals	Health Informatics				1	1.2	0.2
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	44	1	1.2	0.2
624	Social Assistance	Health Informatics				1	2.7	0.7
623	Nursing and Residential Care Facilities	Health Informatics				1	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	20	2	11.8	0.6
622	Hospitals	Health Informatics				1	4.6	0.3
621	Ambulatory Health Care Services	Health Informatics				15	40.6	5.3
622	Hospitals	Health Informatics	43-4171	Receptionists & Information Clerks **	37	1	3.7	0.6
623	Nursing and Residential Care Facilities	Health Informatics				1	2.9	0.8
624	Social Assistance	Health Informatics				1	2	0.6

### Regional Data

### ATTACHMENT 1



## HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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 **	12	1	5.9	0.2	\$57,312	High school diploma or equivalent	1 to 5 years	None
Health Informatics	11-9111	Medical & Health Services Managers	13	4 5 1	30 36.4 10.8	1.3 2.1 1.1	\$80,219	Bachelor's degree	None	None
Support Services	21-1014	Mental Health Counselors**	6	1 1 1	10 17.6 20.1	0.3 0.7 0.9	\$36,615	Master's degree	None	Internship/residency
Support Services	21-1015	Rehabilitation Counselors	6	1 3	13.4 45.7	0.5 1.8	\$36,835	Master's degree	None	None
Support Services	21-1093	Social & Human Services Assistants**	13	1 2 5	8 17.1 40.7	0.4 2 5.1	\$26,531	High school diploma or equivalent	None	Short-term on-the-job training
Health Informatics	21-1099	Community/Social Services Specialists, All Other	6	2 2	25.9 25.9	0.9 0.9	\$38,245	Master's degree	None	None
Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3	\$117,023	Doctoral or professional degree	None	None
Therapeutic Services	29-1123	Physical Therapists	15	8 4 1	56.3 25 6.7	1.8 1 0.5	\$76,474	Doctoral or professional degree	None	None
Therapeutic Services	29-1127	Speech-Language Pathologists	8	2 1	28.4 13.6	0.5 0.3	\$63,182	Master's degree	None	None
Therapeutic Services	29-1141	Registered Nurses	102	21 60 7 1	20.1 59.2 7 13.6	7.4 28.9 5.8 0.3	\$54,848	Associate's or bachelor's degree	None	None
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	8	4 3	44.3 41.4	1.1 1.3	\$43,714	Associate's degree	None	None
Therapeutic Services	29-2021	Dental Hygienists	9	9 12	97.4 55	2.8 1.8	\$63,434	Associate's degree	None	None
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	21	3 3	15.2 16.2	0.7 1	\$26,137	Postsecondary non-degree award	None	None
Therapeutic Services	29-2052	Pharmacy Technicians	7	1 10 6 14 1	16.2 28.9 16.3 39.1 1.4	1 3 2.3 9.1 0.4	\$26,688	High school diploma or equivalent	None	Moderate-term on-the-job training
Therapeutic Services	29-2061	Licensed Practical Nurses	36	1 4 1	35.4 37.6 8.9	0.9 1.3 0.5	\$27,037	Postsecondary non-degree award	None	None
Health Informatics	29-2071	Med Records & Health Info Technicians	10	4 1	35.4 8.9	0.9 0.5	\$27,037	Postsecondary non-degree award	None	None
Therapeutic Services	31-1014	Nursing Assistants	71	6 17 38 1	9 24.4 53.9 1.9	1.8 6.6 24.4 1	\$22,646	Postsecondary non-degree award	None	None
Health Informatics	31-9011	Massage Therapists	6	1 1	24.6 24.6	0.5 0.5	\$23,226	Postsecondary non-degree award	None	None
Therapeutic Services	31-9091	Dental Assistants	10	10 15	95.4 79.7	4.1 6.6	\$32,089	Postsecondary non-degree award	None	None
Health Informatics	31-9092	Medical Assistants	19	2 2 3	12.4 22.5 33.9	1.4 0.3 0.6	\$26,755	High school diploma or equivalent	None	Moderate-term on-the-job training
Health Informatics	31-9099	Healthcare Support Workers, All Other	9	1 1	8.5 1.2	0.3 0.2	\$32,191	High school diploma or equivalent	None	Short-term on-the-job training
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	44	1 1 1	1.2 2.7 2.7	0.2 0.7 0.7	\$26,139	High school diploma or equivalent	1 to 5 years	None
Health Informatics	43-3011	Bill and Account Collectors**	20	2 1 15	11.8 4.6 40.6	0.6 0.3 5.3	\$33,692	High school diploma or equivalent	None	Moderate-term on-the-job training
Health Informatics	43-4171	Receptionists & Information Clerks **	37	1 1 1	3.7 2.9 2	0.6 0.8 0.6	\$25,185	High school diploma or equivalent	None	Short-term on-the-job training

## ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	18	522	Credit intermediation and related activities	1	4.1
			524	Insurance carriers and related activities	1	8.2
			551	Management of companies and enterprises	1	7.3
			611	Educational services; state, local, and private	1	4.5
			5241	Insurance carriers	1	7.4
			5415	Computer systems design and related services	5	28.9
			5416	Management, scientific, and technical consulting services	1	3.9
			9992	State government, excluding education and hospitals	1	3.6
			524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
15-1131	Computer Programmers	20	5112	Software publishers	1	5.4
			5415	Computer systems design and related services	8	40.6
			5613	Employment services	1	3.9
			334	Computer and electronic product manufacturing	1	3.5
			524	Insurance carriers and related activities	1	5.2
			551	Management of companies and enterprises	1	4.3
			5112	Software publishers	1	8.0
			5241	Insurance carriers	1	4.4
			5415	Computer systems design and related services	7	38.9
15-1132	Software Developers, Applications	17	5416	Management, scientific, and technical consulting services	1	4.1
			334	Computer and electronic product manufacturing	1	10.8
			423	Merchant wholesalers, durable goods	0	3.7
			5112	Software publishers	1	6.9
			5413	Architectural, engineering, and related services	0	4.5
15-1133	Software Developers, Systems Software	11	5415	Computer systems design and related services	4	37.8
			5416	Management, scientific, and technical consulting services	1	4.9
			5417	Scientific research and development services	0	3.5
			517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
15-1142	Network & Computer Sys. Administrators	9	551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	2	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
			423	Merchant wholesalers, durable goods	1	5.2
15-1151	Computer User Support Specialists	17	551	Management of companies and enterprises	1	4.4
			611	Educational services; state, local, and private	2	12.7
			5112	Software publishers	1	4.3
			5415	Computer systems design and related services	4	24.6
			5613	Employment services	1	3.6

**MANUFACTURING**

**NORTHWEST 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 Valley CC	4	< 1 Yr Cert	Black Hawk College-Machine Tool
	48.0503	Mach Shop Technology			
	Community Colleges	IL Valley CC	4	< 1 Yr Cert	
<b>Team Assemblers</b>					
No Related Program of Study for This Occupation					
<b>Food Batchmakers</b>					
No Related Program of Study for This Occupation					

Notes: Highland Community College overlaps with the Northern Stateline 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
Truck Drivers, Heavy & Tractor Trailer**  Truck Drivers, Light & Delivery Services  School Bus Drivers  Shipping, Receiving, & Traffic Clerks**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
		IL Valley CC	68	< 1 Yr Cert	IL Valley CC
	Community Colleges	Sauk Valley CC	8	< 1 Yr Cert	Sauk Valley CC
					Midwest Technical Institute
					Rock Gate Capital
		No Related Program of Study for This Occupation			

Notes: Highland Community College overlaps with the Northern Stateline EDR  
Notes: \*\* denotes occupations which occur in multiple clusters/pathways

HEALTH CARE					
NORTHWEST 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			
		Black Hawk College	63	Associate	IL Valley CC
		Highland CC	44	Associate	Sauk Valley CC
	Community Colleges	IL Valley CC	57	Associate	Trinity Coll of Nursing/Hth Sciences
		Sauk Valley CC	36	Associate	
Other Colleges		Trinity Coll of Nursing/Hth Sciences	13	Associate	
			35	Bachelor	
Nursing Assistants	51.3902	Nurse Aide			
		Black Hawk College	93	< 1 Yr Cert	Black Hawk College
	Community Colleges	IL Valley CC	303	< 1 Yr Cert	IL Valley CC
		Sauk Valley CC	185	< 1 Yr Cert	Sauk Valley CC
Receptionists & Information Clerks **	52.0406	Receptionist		No Programs in this EDR	
	51.3901	Licensed Practical Nurse			
Licensed Practical Nurses		Black Hawk College	30	1-2 Yr Cert	Black Hawk College
	Community Colleges	Highland CC	4	1-2 Yr Cert	IL Valley CC
		IL Valley CC	21	1-2 Yr Cert	Sauk Valley CC
		Sauk Valley CC	16	1-2 Yr Cert	
Emergency Medical Techs & Paramedics	51.0904	Emergency Med Technology			
		Black Hawk College	7	1-2 Yr Cert	
			4	Associate	
	Community Colleges	Highland CC	1	Associate	
		IL Valley CC	4	1-2 Yr Cert	
		Sauk Valley CC	6	1-2 Yr Cert	
	Other Colleges	Trinity Coll of Nursing/Hth Sciences	1	Associate	

Notes: Highland Community College overlaps with the Northern Stateline EDR

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

### ATTACHMENT M - Regional Data

<b>Northwest</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
503	Black Hawk	258	128	189	575
519	Highland	110	29	63	202
513	Illinois Valley	160	75	529	764
506	Sauk Valley	120	29	528	677
Northwest Total		648	261	1,309	2,218
State Total		11,555	6,876	28,142	46,573
% of State Total		5.6%	3.8%	4.7%	4.8%

### 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

<b>Northwest</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
503	Black Hawk	256	152	0	0	0	0	1	0	409
519	Highland	90	84	0	1	8	0	11	0	194
513	Illinois Valley	97	234	0	4	0	0	16	0	351
506	Sauk Valley	39	122	0	0	1	1	9	0	172
Northwest Total		482	592	0	5	9	1	37	0	1,126
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		4.2%	8.5%	0.0%	38.5%	4.1%	0.8%	1.0%	0.0%	4.8%

**ATTACHMENT M - Regional Data**

<b>Northwest</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
503	Black Hawk	4,822	1,541	3,313	476	298	914	1	74	11,439	3,456
519	Highland	2,620	129	667	126	77	35	709	76	4,439	406
513	Illinois Valley	2,738	0	2,306	229	115	166	570	179	6,303	3,334
506	Sauk Valley	2,296	187	1,245	100	81	82	0	12	4,003	539
Northwest Total		12,476	1,857	7,531	931	571	1,197	1,280	341	26,184	7,735
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
% of State Total		4.3%	2.6%	4.4%	3.4%	5.0%	3.2%	45.9%	0.7%	4.0%	4.0%

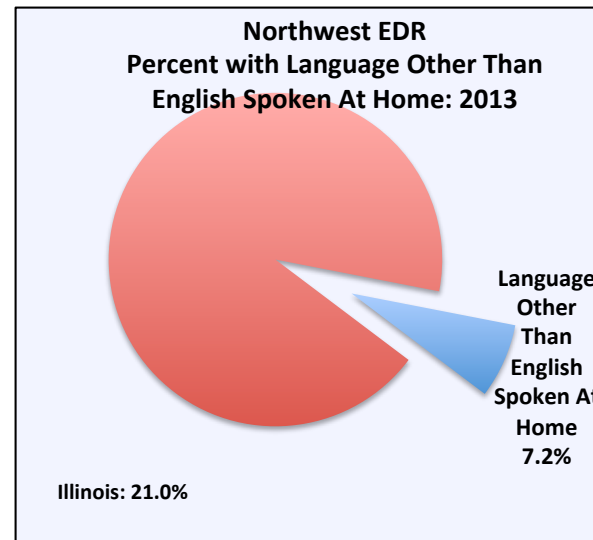
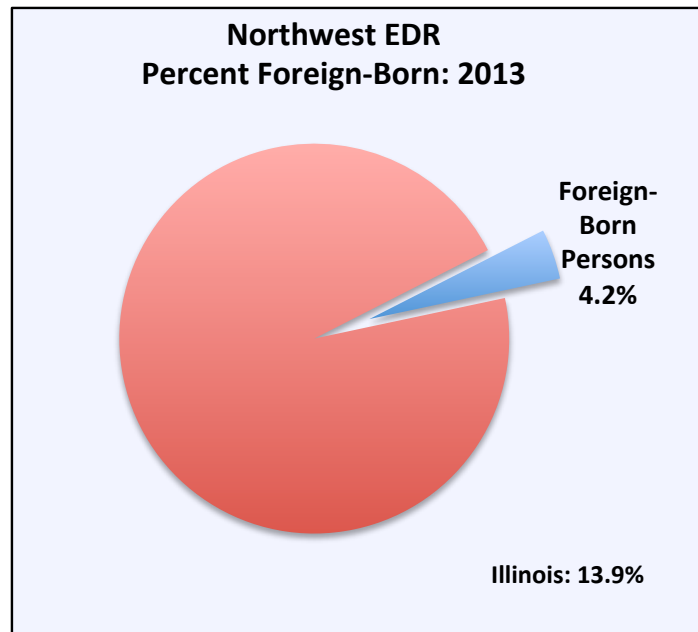
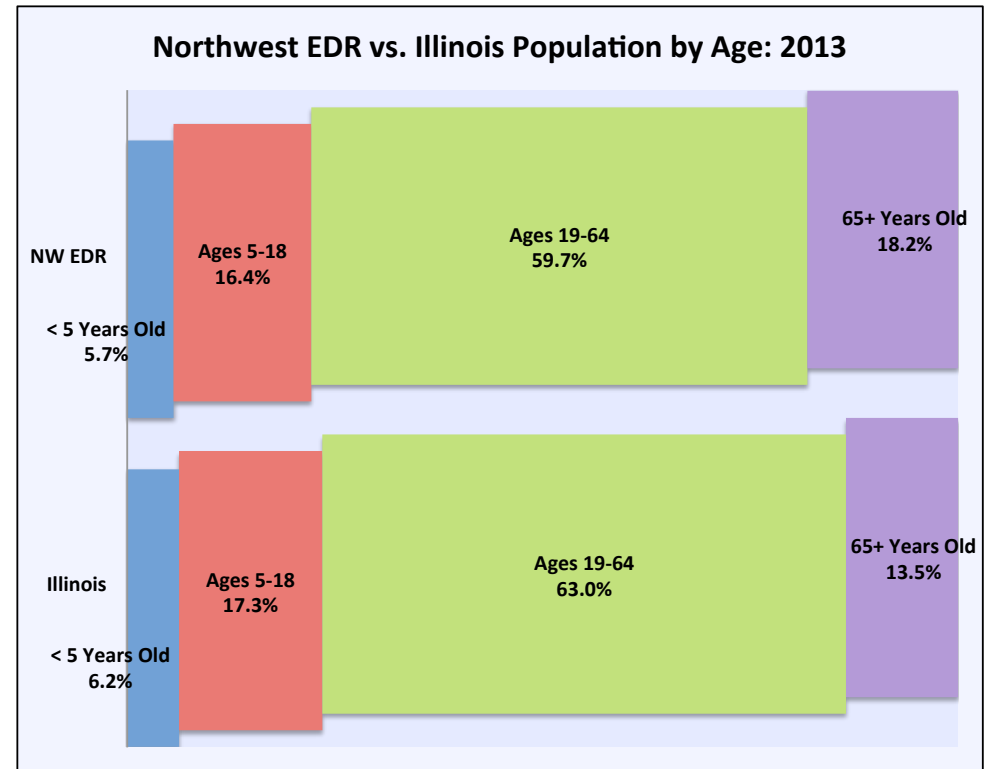
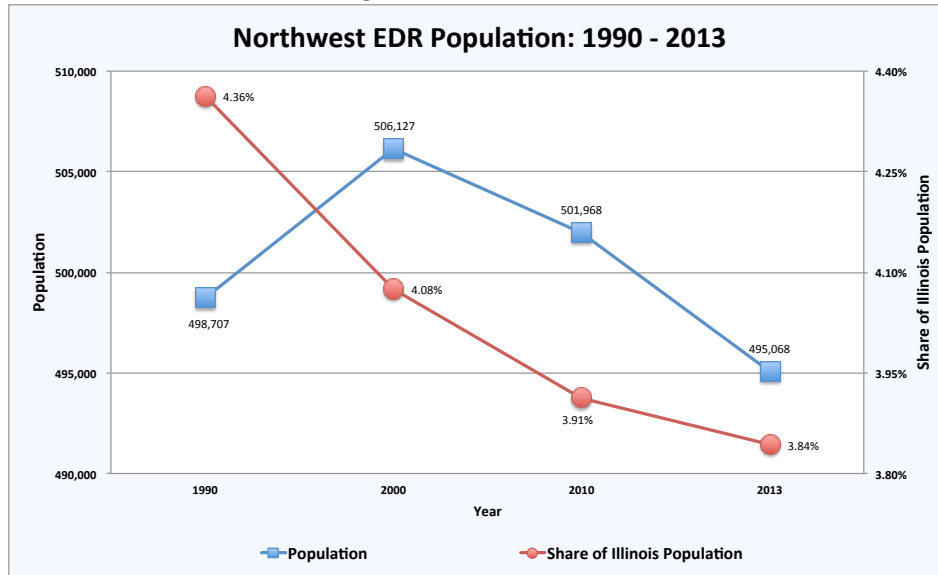
\*ABE = Adult Basic Education; ASE = Adult Secondary Education; ESL = English-as-a-Second Language.

\*\* 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.

Northwest Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates</b> by <b>Career Cluster</b>																			
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*
503	Black Hawk	106	13	9	30	274	4	0	272	0	11	8	10	48	17	147	18	0	967
519	Highland	6	8	5	23	102	0	0	69	0	11	6	0	28	0	92	35	0	385
513	Illinois Valley	2	79	8	23	119	0	0	437	0	9	8	26	42	2	234	100	0	1,089
506	Sauk Valley	0	12	18	78	48	0	0	294	0	23	24	79	106	3	123	8	0	816
Northwest Total		114	112	40	154	543	4	0	1,072	0	54	46	115	224	22	596	161	0	3,257
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		12.2%	3.9%	4.9%	5.0%	3.2%	14.8%	0.0%	5.9%	0.0%	2.6%	1.9%	3.9%	8.0%	6.6%	8.9%	2.7%	0.0%	4.8%

\*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.

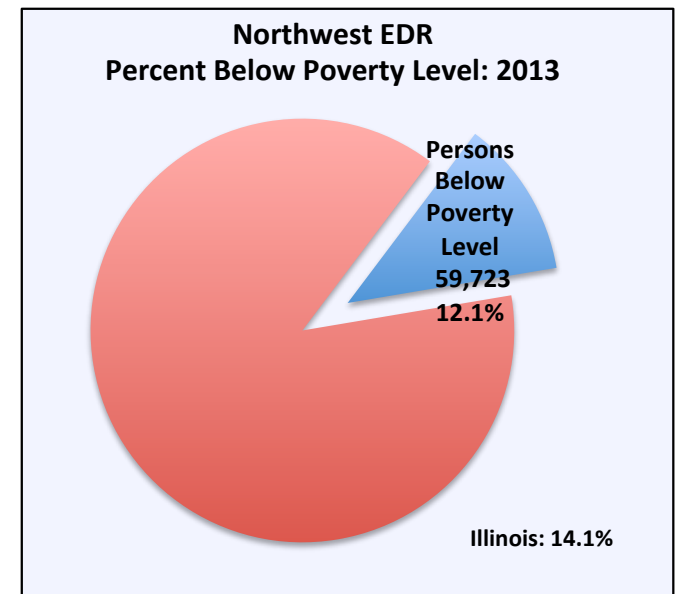
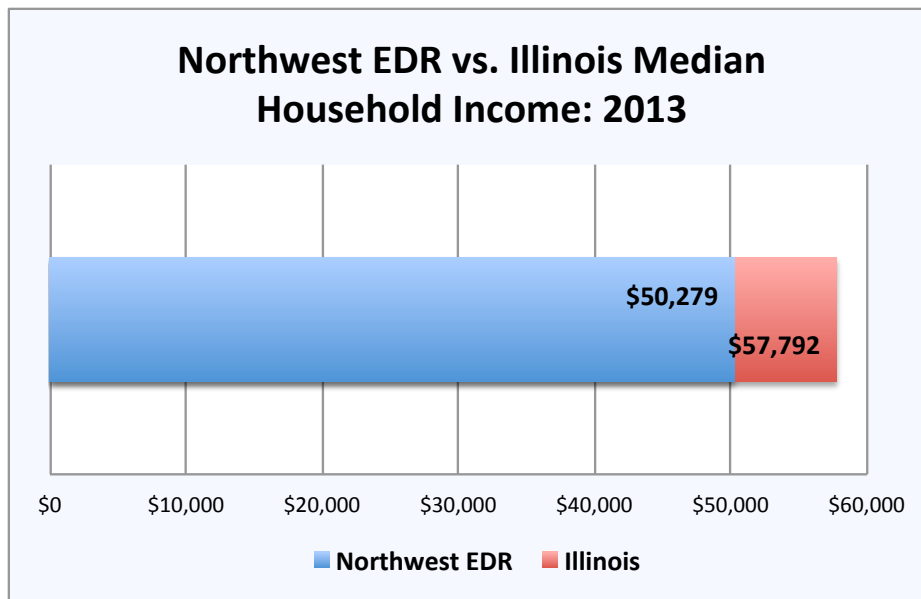
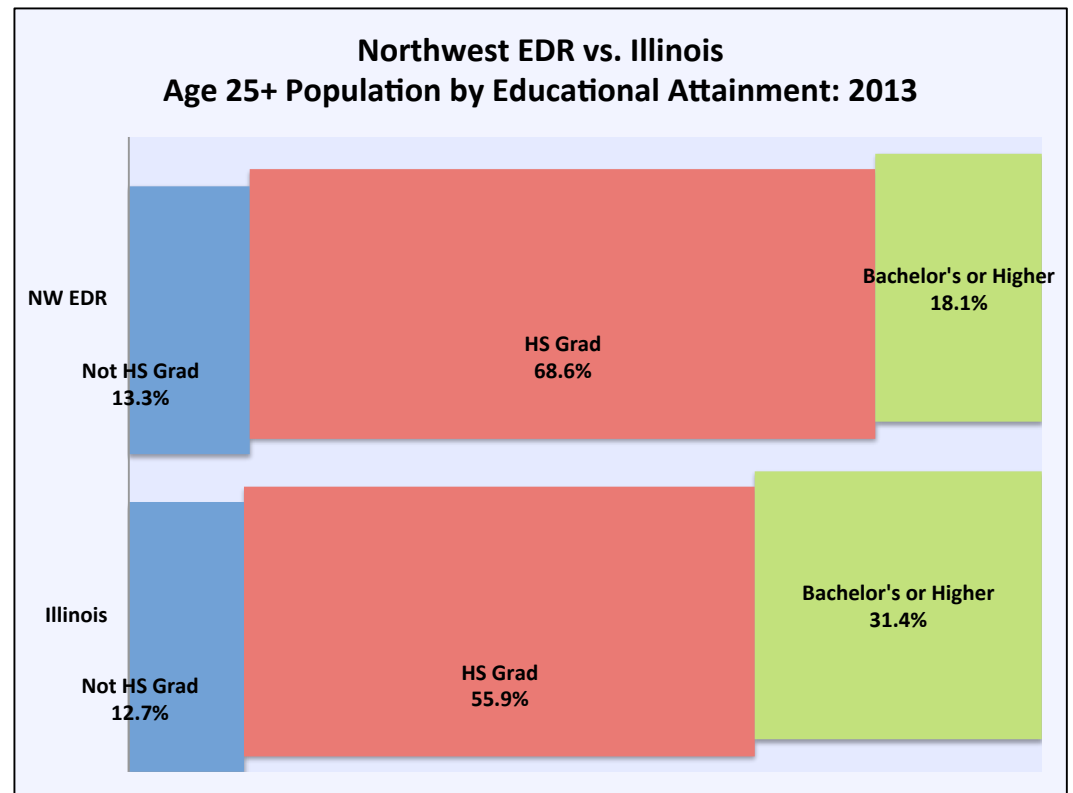
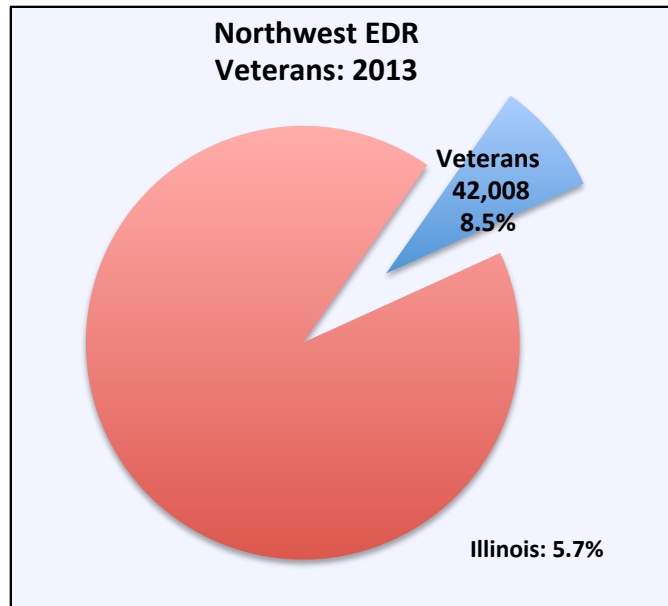
## ATTACHMENT M - Regional Data



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



# ATTACHMENT M - Regional Data



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

## NORTHWEST REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	250,739
	Employed	232,604
	Unemployed	18,135
	Rate	7.2
TANF	Annual 2014	46,851
	Monthly Average	3,904
Corrections		5,822
Persons with Disabilities	Mental Disabilities	69
	Adults with Disabilities	40,176
Public Aid	Public Aid Recipients	130,314
	Adult Public Aid Recipients	68,448

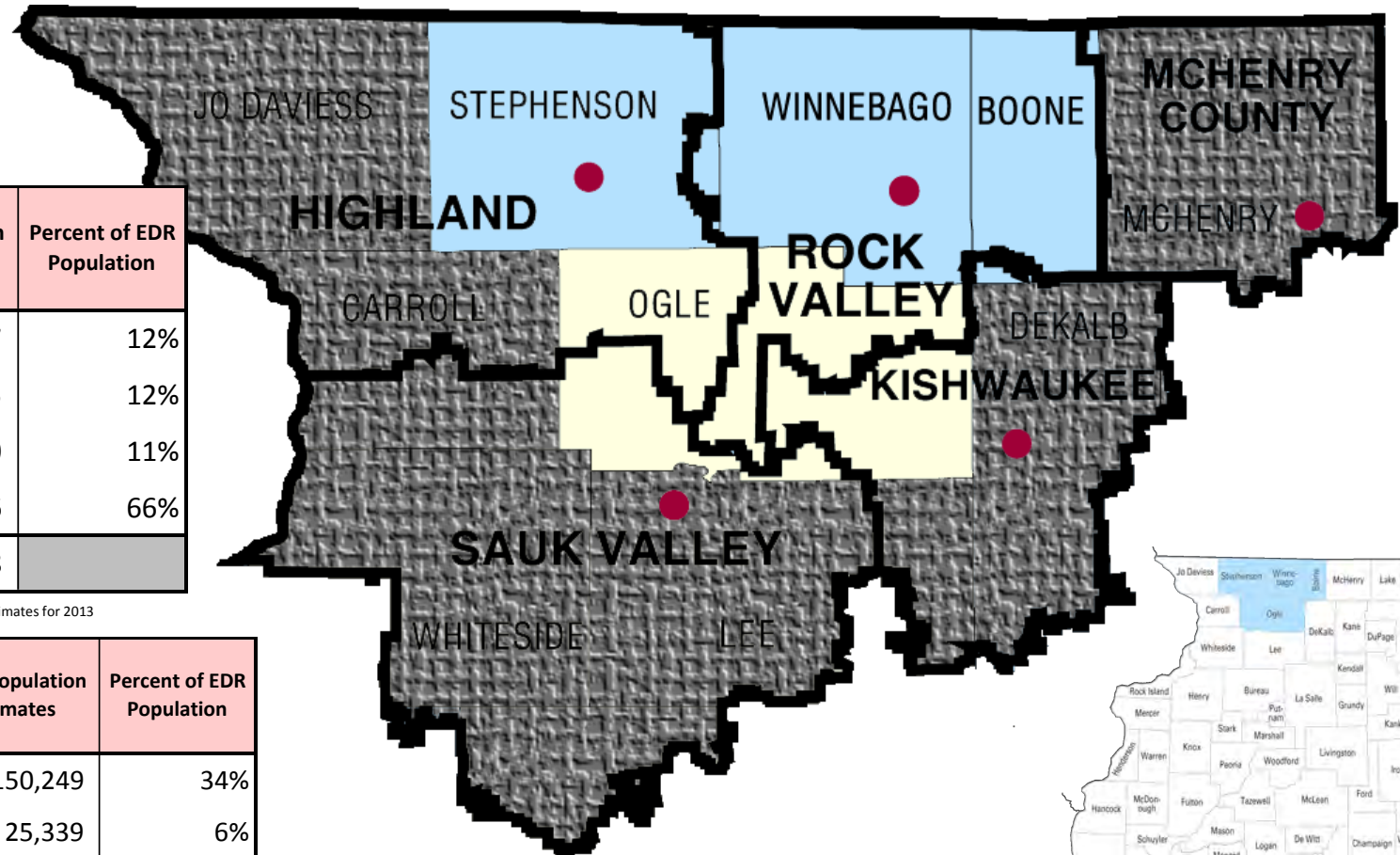
## NORTHERN STATELINE ECONOMIC DEVELOPMENT REGION




Northern Stateline EDR Counties	2013 Population Estimates	Percent of EDR Population
Boone	53,957	12%
Ogle	52,385	12%
Stephenson	46,740	11%
Winnebago	290,666	66%
Total Population	443,748	

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

Northern Stateline EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Rockford	150,249	34%
Belvidere	25,339	6%
Freeport	25,035	6%
Machesney Park	23,205	5%
Loves Park	22,112	5%
Roscoe	10,680	2%
Rochelle	9,451	2%
South Beloit	7,773	2%
Rockton	7,613	2%

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



 LWIA 3  
 LWIA 4  
 COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

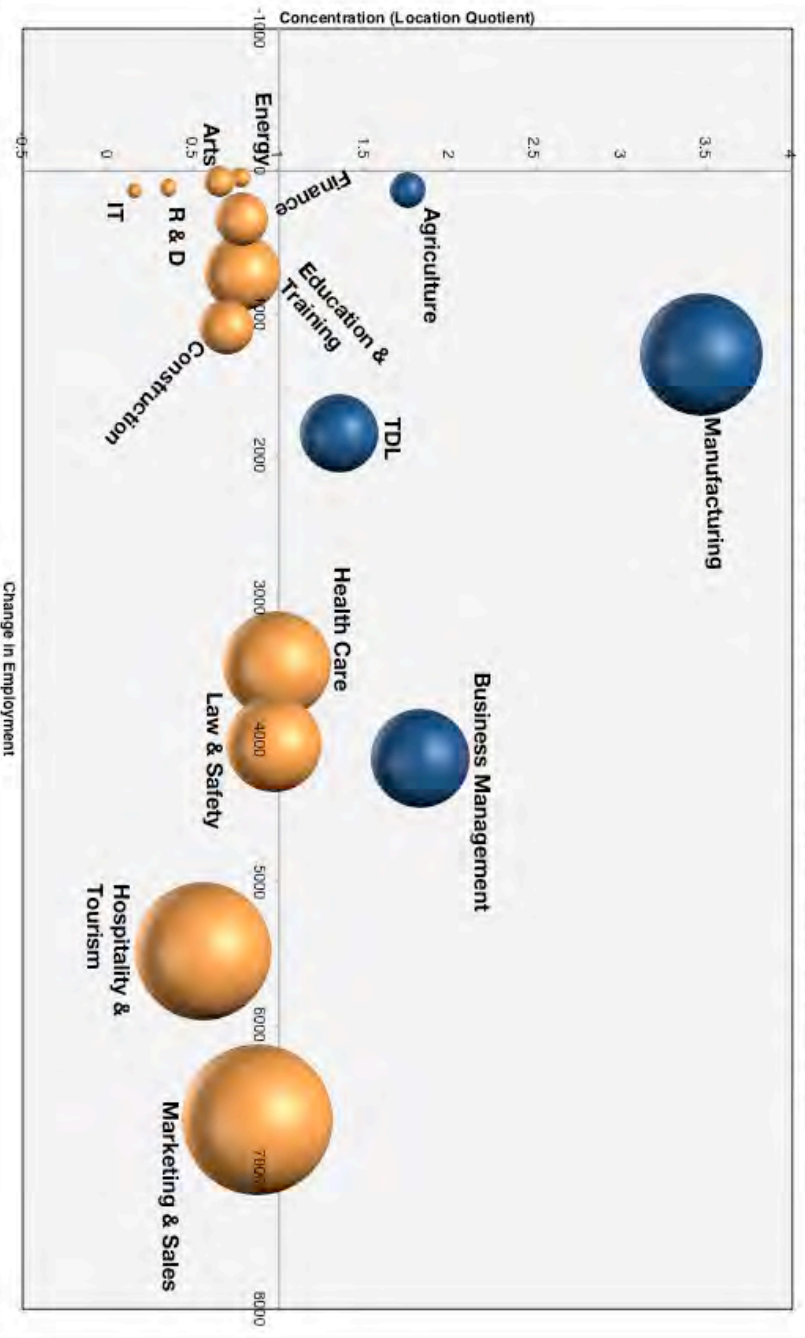


## NORTHERN STATELINE REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	48,675	55,347	6,672	13.7%	0.87
Hospitality & Tourism	39,552	45,037	5,485	13.9%	0.56
Manufacturing	34,875	36,166	1,291	3.7%	3.47
Health Care	24,428	27,898	3,470	14.2%	0.99
Business Management	19,077	23,205	4,128	21.6%	1.83
Law & Public Safety	17,828	21,859	4,031	22.6%	0.97
Transportation, Distribution & Logistics	12,725	14,572	1,847	14.5%	1.35
Education & Training	12,854	13,573	719	5.6%	0.78
Construction	6,100	7,200	1,100	18.0%	0.69
Finance	6,457	6,798	341	5.3%	0.78
Agriculture	2,868	3,000	132	4.6%	1.75
Arts & Audio Visual	2,099	2,169	70	3.3%	0.65
Energy	843	884	41	4.9%	0.77
Research & Development	687	807	120	17.5%	0.36
Information Technology	347	492	145	41.8%	0.16

### MAJOR INDUSTRY CLUSTERS IN THE NORTHERN STATELINE REGION

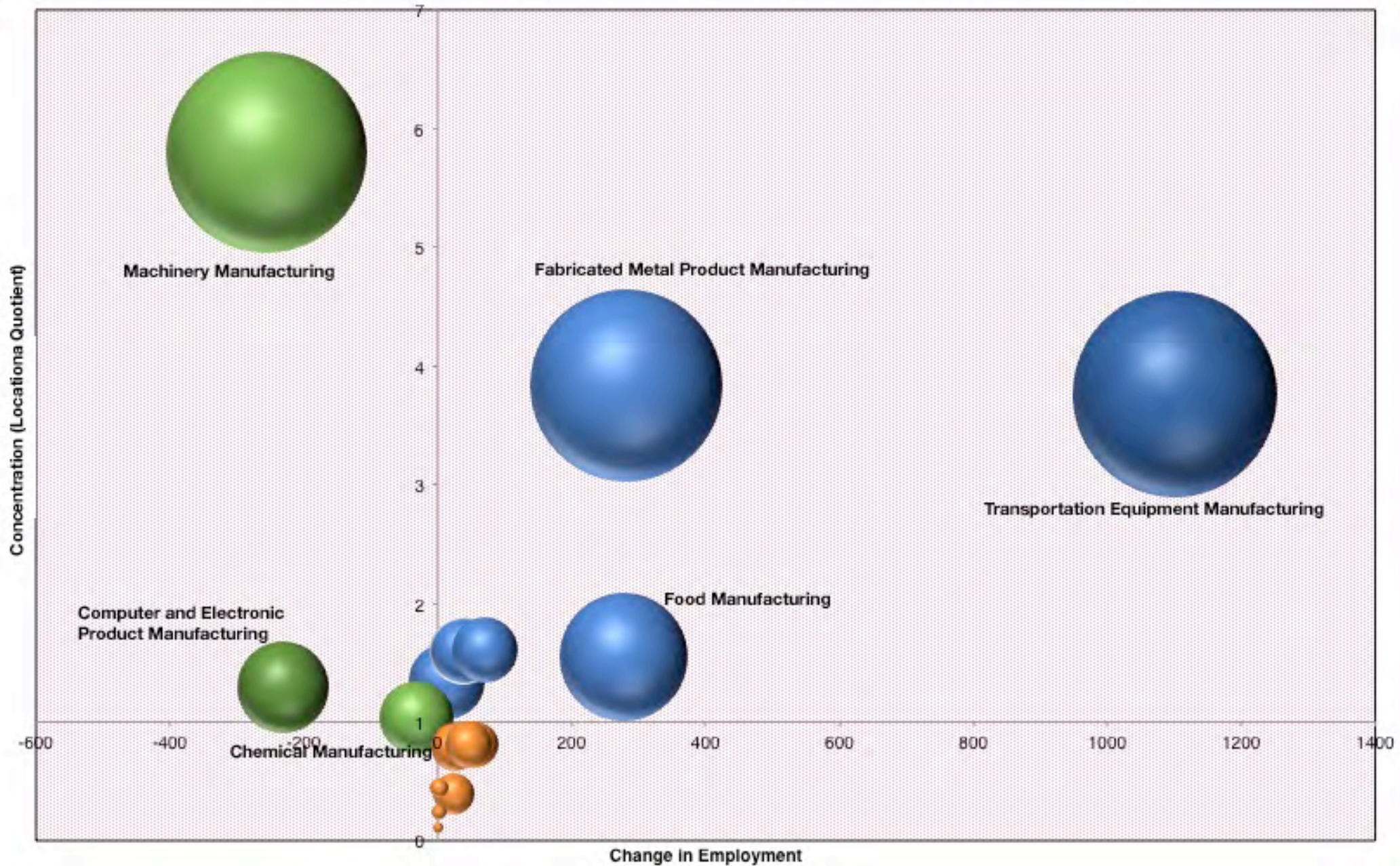


<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>3,072</b>	<b>3,350</b>	<b>278</b>	<b>9.0%</b>	<b>1.55</b>	<b>Leading</b>
312	Beverage and Tobacco Product Manufacturing	86	82	(4)	-4.7%	0.33	
<b>313</b>	<b>Textile Mills</b>	<b>18</b>	<b>19</b>	<b>1</b>	<b>5.6%</b>	<b>0.11</b>	<b>Emerging</b>
<b>314</b>	<b>Textile Product Mills</b>	<b>37</b>	<b>40</b>	<b>3</b>	<b>8.1%</b>	<b>0.24</b>	<b>Emerging</b>
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>374</b>	<b>420</b>	<b>46</b>	<b>12.3%</b>	<b>0.81</b>	<b>Emerging</b>
322	Paper Manufacturing	278	253	(25)	-9.0%	0.54	
323	Printing and Related Support Activities	397	299	(98)	-24.7%	0.63	
<b>324</b>	<b>Petroleum and Coal Products Manufacturing</b>	<b>67</b>	<b>69</b>	<b>2</b>	<b>3.0%</b>	<b>0.44</b>	<b>Emerging</b>
<b>325</b>	<b>Chemical Manufacturing</b>	<b>1,105</b>	<b>1,073</b>	<b>(32)</b>	<b>-2.9%</b>	<b>1.04</b>	<b>Maturing</b>
<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>	<b>1,180</b>	<b>1,193</b>	<b>13</b>	<b>1.1%</b>	<b>1.35</b>	<b>Leading</b>
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>404</b>	<b>459</b>	<b>55</b>	<b>13.6%</b>	<b>0.81</b>	<b>Emerging</b>
<b>331</b>	<b>Primary Metal Manufacturing</b>	<b>429</b>	<b>454</b>	<b>25</b>	<b>5.8%</b>	<b>0.79</b>	<b>Emerging</b>
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>7,342</b>	<b>7,623</b>	<b>281</b>	<b>3.8%</b>	<b>3.84</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>8,640</b>	<b>8,385</b>	<b>(255)</b>	<b>-3.0%</b>	<b>5.80</b>	<b>Maturing</b>
<b>334</b>	<b>Computer and Electronic Product Manufacturing</b>	<b>1,913</b>	<b>1,682</b>	<b>(231)</b>	<b>-12.1%</b>	<b>1.29</b>	<b>Maturing</b>
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>	<b>809</b>	<b>847</b>	<b>38</b>	<b>4.7%</b>	<b>1.60</b>	<b>Leading</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>7,646</b>	<b>8,747</b>	<b>1,101</b>	<b>14.4%</b>	<b>3.76</b>	<b>Leading</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>767</b>	<b>837</b>	<b>70</b>	<b>9.1%</b>	<b>1.61</b>	<b>Leading</b>
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>311</b>	<b>334</b>	<b>23</b>	<b>7.4%</b>	<b>0.40</b>	<b>Emerging</b>



# MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION



MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

		Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Employment in Occupation that is in this Industry		2022 Percent of Employment in this Industry	
NAICS	Description					Industry	Occupation	2022	Percent of Employment in this Industry
325	Chemical Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	12	1	4.2	1.3	
332	Fabricated Metal Product Manufacturing					1	5.6	0.9	
333	Machinery Manufacturing					1	6.9	1.6	
334	Computer and Electronic Product Manufacturing					1	12.2	3	
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	20	2	17.6	2.8	
332	Fabricated Metal Product Manufacturing					1	6.2	1.1	
333	Machinery Manufacturing					2	12.3	3.3	
334	Computer and Electronic Product Manufacturing					1	6.3	1.8	
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Whl/sg, Tech/ScIprods**	15	2	11.9	2.2	
334	Computer and Electronic Product Manufacturing					1	3.9	1.7	
311	Food Manufacturing					1	1	1.1	
323	Printing and Related Support Activities					1	1.2	4.4	
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex,Tech/Scottic**	56	1	2	2.1	
333	Machinery Manufacturing					1	1.4	2.3	
311	Food Manufacturing					1	2.6	1.3	
325	Chemical Manufacturing					1	1.9	1.8	
326	Plastics and Rubber Products Manufacturing	Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	38	1	1.7	2	
332	Fabricated Metal Product Manufacturing					1	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	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	44	1	1.5	1.4	
322	Paper Manufacturing					1	1.2	2.4	
322	Printing and Related Support Activities					1	1.4	1.4	
323	Printing and Related Support Activities					1	1.2	1.2	
325	Chemical Manufacturing					2	7.8	3.2	
326	Plastics and Rubber Products Manufacturing					1	2.5	3.7	
327	Nonmetallic Mineral Product Manufacturing					1	2.2	3.8	
331	Primary Metal Manufacturing					1	2.9	3.9	
332	Fabricated Metal Product Manufacturing	Production	51-1011	1st-Line Svcs/Mrgs, Prod. & Operating Workers**	26	1	4.9	3.9	
333	Machinery Manufacturing					1	4.5	4.4	
334	Computer and Electronic Product Manufacturing					1	2.3	3.3	
336	Transportation Equipment Manufacturing					1	2.8	4.5	
337	Furniture and Related Product Manufacturing					3	11.1	4.3	
339	Miscellaneous Manufacturing					1	5.7	3.3	
332	Fabricated Metal Product Manufacturing					1	3.1	1.9	
333	Machinery Manufacturing					2	7.2	2.9	
332	Fabricated Metal Product Manufacturing	Production	51-2041	Structural Metal Fabricators & Fitters	12	1	2.5	4.1	
333	Machinery Manufacturing					1	3.2	3.5	
336	Transportation Equipment Manufacturing					6	49.1	2.8	
339	Miscellaneous Manufacturing					2	12.7	1.1	
311	Food Manufacturing					1	11.8	0.7	
321	Wood Product Manufacturing					1	5.7	0.9	
322	Paper Manufacturing					4	2.5	1.9	
323	Printing and Related Support Activities					5	3.3	9.1	
325	Chemical Manufacturing					1	0.6	1.9	
326	Plastics and Rubber Products Manufacturing					1	0.4	1	
327	Nonmetallic Mineral Product Manufacturing					2	1.2	1.8	
331	Primary Metal Manufacturing					5	3.6	6.5	
332	Fabricated Metal Product Manufacturing	Production	51-2092	Team Assemblers	145	2	1.2	3.2	
333	Machinery Manufacturing					1	0.7	2.2	
334	Computer and Electronic Product Manufacturing					11	7.3	5.3	
336	Transportation Equipment Manufacturing					15	10	10.7	
311	Food Manufacturing					5	3.6	4.1	
321	Wood Product Manufacturing					6	3.8	12.8	
322	Paper Manufacturing					29	20.3	15.1	
323	Printing and Related Support Activities					5	3.3	9.9	
325	Chemical Manufacturing					8	5.6	11.6	
326	Plastics and Rubber Products Manufacturing					1	3.3	2.6	
327	Nonmetallic Mineral Product Manufacturing					1	4.5	0.9	
331	Primary Metal Manufacturing					1	4.5	0.9	
332	Fabricated Metal Product Manufacturing					1	4.5	0.9	
333	Machinery Manufacturing					1	3.9	1.2	
334	Computer and Electronic Product Manufacturing					1	3.9	1.2	
336	Transportation Equipment Manufacturing					3	16.8	3.5	

ATTACHMENT M Regional Data

339	Miscellaneous Manufacturing	Production	51-3092	Food Batchmakers	10	1	5.1	3
311	Food Manufacturing					8	79.3	5.6
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					6	18.4	2.9
334	Computer and Electronic Product Manufacturing	Production	51-4011	Computer-Controlled Machine Tool Operators**	32	2	5	0.9
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.7	1.8
336	Transportation Equipment Manufacturing					6	18.2	2
339	Miscellaneous Manufacturing					1	3.9	1.2
326	Plastics and Rubber Products Manufacturing					1	1.5	1.1
331	Primary Metal Manufacturing					1	1.9	2.2
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	66	23	35.1	10.2
333	Machinery Manufacturing					11	16.6	7
334	Computer and Electronic Product Manufacturing					2	3	1.4
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1.6	2.2
336	Transportation Equipment Manufacturing					8	12	3.6
339	Miscellaneous Manufacturing					2	2.7	2.3
331	Primary Metal Manufacturing	Production	51-4121	Welders, Cutters, Solders and Brazers**	31	1	1.9	2
332	Fabricated Metal Product Manufacturing					8	24.3	6.2
333	Machinery Manufacturing					4	13.2	4.9
336	Transportation Equipment Manufacturing					4	12.5	3.3
332	Fabricated Metal Product Manufacturing	Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	17	5	29.1	1.2
333	Machinery Manufacturing					3	20	1.3
335	Electrical Equipment, Appliance, and Component Manufacturing					1	3.2	0.6
336	Transportation Equipment Manufacturing					5	27	1.2
311	Food Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	36	2	6.6	2.2
325	Chemical Manufacturing					2	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					1	2.3	3.2
332	Fabricated Metal Product Manufacturing					3	8.9	2.9
333	Machinery Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	2	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					4	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	Packaging & Filling Machine Operators & Tenders	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	Production	51-9199	Production Workers, All Other	30	1	3.5	1.2
326	Plastics and Rubber Products Manufacturing					1	2.4	1
327	Nonmetallic Mineral Product Manufacturing					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	Miscellaneous Manufacturing				1	4.8	0.9
339	Miscellaneous Manufacturing					1	2.8	1.4

## ATTACHMENT M - Regional Data

## 7

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

Occupational Pathway		SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation in this Industry	2022 Percent of Occupation in this Industry	2022 Percent of Occupation in this Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	17-2112	Industrial Engineers**		12	1	4.2	1.3	\$72,144	Bachelor's degree	None	None
					1	5.6	0.9				
					1	6.9	1.6				
					1	12.2	3				
Manufacturing Production Process Development	17-2141	Mechanical Engineers**		20	1	6.2	1.1	\$70,521	Bachelor's degree	None	None
					2	12.3	3.3				
					1	6.3	1.8				
					2	11.9	2.2				
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg./Tech/Sprds**		15	1	3.9	1.7	\$67,654	Bachelor's degree	None	Moderate term on-the-job training
Manufacturing Production Process Development	41-4012	Sales Reps./Wholesale/Mfg./Tech/Soc/nc**		56	1	1.2	4.4	\$53,954	High school diploma or equivalent	None	Moderate term on-the-job training
					1	2	2.1				
					1	1.4	2.3				
					1	2.6	1.3				
Logistics & Inventory Control	43-5071	Shipping/Receiving & Traffic Clerks**		38	1	1.9	1.8	\$31,455	High school diploma or equivalent	None	Short-term on-the-job training
					1	1.7	2				
					1	3.9	1.8				
					1	2.5	1.7				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**		36	1	1.5	1.1	\$56,420	High school diploma or equivalent	None	Long-term on-the-job training
					1	2.5	1.2				
					1	1.5	2.1				
					3	9.1	2.4				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**		44	1	1.7	3.5	\$35,827	High school diploma or equivalent	None	Moderate term on-the-job training
					1	1.5	1.4				
					1	3.4	3.7				
					2	5.3	2.7				
Production	51-1011	1st-Line Sprvs./Mgns./Prod. & Operating Workers**		26	1	3.4	2.1	\$58,254	Postsecondary non-degree award	1 to 5 years	None
					1	1.7	1.6				
					1	3.8	4				
					2	4.5	1.1				
Production	51-2041	Structural Metal Fabricators & Fitters		12	2	5	1.9	\$36,497	High school diploma or equivalent	None	Moderate term on-the-job training
					1	2.5	4.1				
					1	3.2	3.5				
					6	49.1	2.8				
Production	51-2092	Team Assemblers		145	2	12.7	1.1	\$36,949	High school diploma or equivalent	None	Moderate term on-the-job training
					1	11.8	0.7				
					1	5.7	0.9				
					4	2.5	1.9				
Production	51-3092	Food Batchmakers		10	5	3.3	9.1	\$31,343	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
					1	0.6	1.9				
					1	0.4	1				
					2	1.2	1.8				
Production	51-4011	Computer-Controlled Machine Tool Operators**		32	5	3.6	6.5	\$36,115	High school diploma or equivalent	None	Moderate term on-the-job training
					2	1.2	3.2				
					1	0.7	2.2				
					11	7.3	5.3				
Production	51-4011	Computer-Controlled Machine Tool Operators**		32	15	10	10.7	\$36,115	High school diploma or equivalent	None	Moderate term on-the-job training
					5	3.6	4.1				
					6	3.8	12.8				
					29	20.3	15.1				
Production	51-4011	Computer-Controlled Machine Tool Operators**		32	5	3.3	9.9	\$36,115	High school diploma or equivalent	None	Moderate term on-the-job training
					8	5.6	11.6				
					1	3.3	2.6				
					1	4.5	0.9				
Production	51-4011	Computer-Controlled Machine Tool Operators**		32	1	3.9	1.2	\$36,115	High school diploma or equivalent	None	Moderate term on-the-job training
					3	16.8	3.5				
					1	5.1	3				
					1	1.5	1.1				
Production	51-4011	Computer-Controlled Machine Tool Operators**		32	1	1.9	2.2	\$36,115	High school diploma or equivalent	None	Moderate term on-the-job training
					1	1.5	1.1				
					1	1.9	2.2				
					1	1.5	1.1				



Production	51-4041	Machinists**	66	23	35.1	10.2		\$35,468	High school diploma or equivalent	None	Long-term on-the-job training
				11	16.6	7					
				2	3	1.4					
				1	1.6	2.2					
				8	12	3.6					
				2	2.7	2.3					
Production	51-4121	Welders, Cutters, Solderers & Brazers**	31	1	1.9	2		\$32,496	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				8	24.3	6.2					
				4	13.2	4.9					
				4	14.5	3.3					
				5	29.1	1.2					
Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	17	3	20	1.3		\$32,443	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.2	0.6					
				5	27	1.2					
				2	6.6	2.2					
				2	4.8	3.2					
				2	5.6	4.7					
				1	1.8	2.1					
				1	2.3	3.2					
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	36	3	8.9	2.9		\$35,490	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	4.7	2.3					
				2	5.4	2.8					
				1	2	3					
				4	10	3.4					
				1	2.9	2.7					
				7	30.3	7.8					
Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	1	5.2	10.3		\$21,469	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	11.8	6					
				1	3.6	2.2					
				3	10.9	2					
				1	1.7	1.1					
				1	2.4	1.8					
				1	3.5	1.2					
				1	2.4	1					
Production	51-9199	Production Workers, All Other	30	1	2.1	1.3		\$27,361	High school diploma or equivalent	None	Moderate-term on-the-job training
				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					

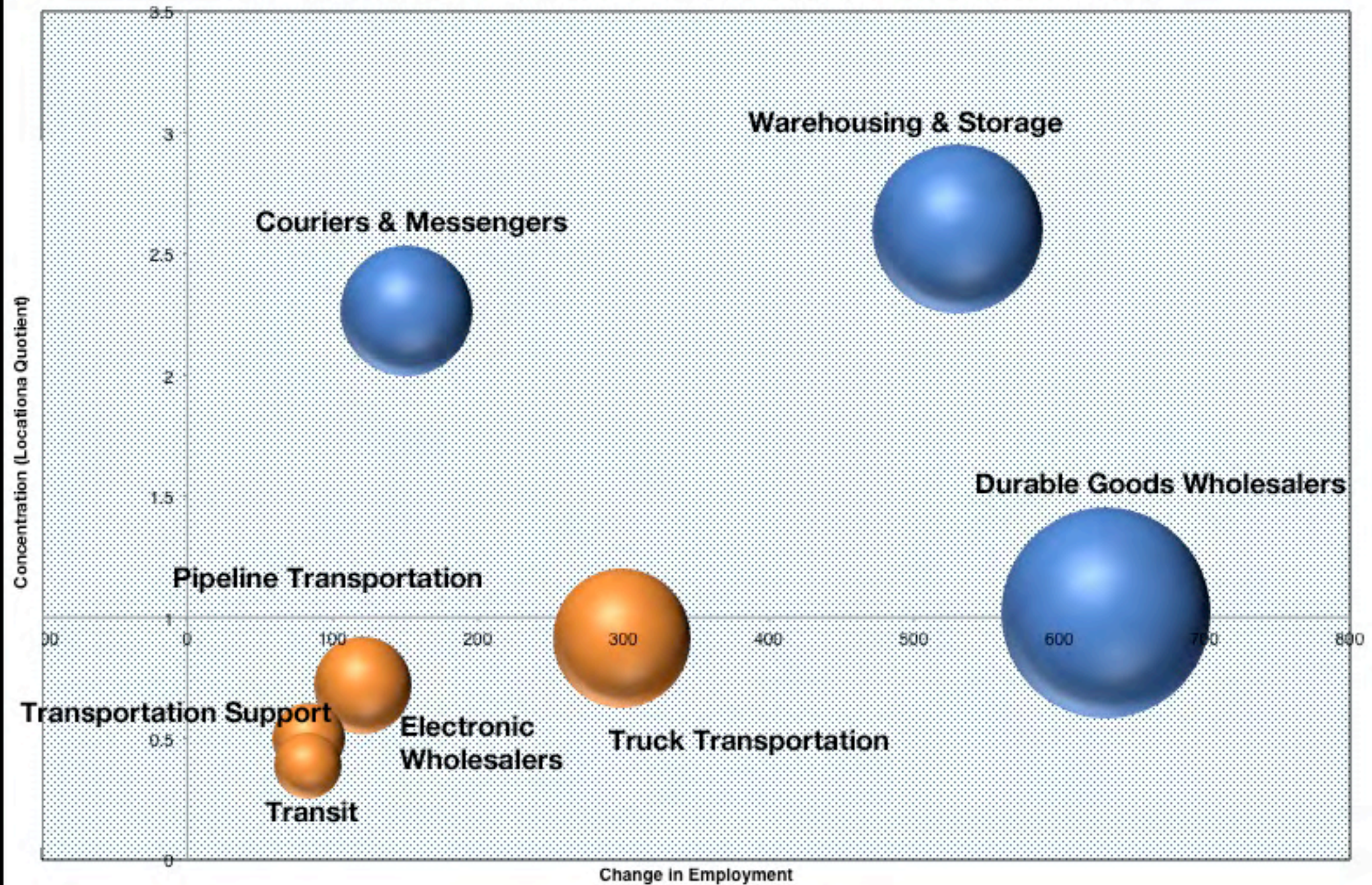


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	3,904	4,536	632	16.2%	1.02	Leading
424	Merchant Wholesalers, Nondurable Goods	1,458	1,405	(53)	-3.6%	0.55	
425	Wholesale Electronic Markets and Agents and Brokers	857	978	121	14.1%	0.72	Emerging
481	Air Transportation	-	-	-	0.0%	-	
484	Truck Transportation	1,667	1,966	299	17.9%	0.92	Emerging
485	Transit and Ground Passenger Transportation	361	444	83	23.0%	0.39	Emerging
488	Support Activities for Transportation	445	529	84	18.9%	0.50	Emerging
492	Couriers and Messengers	1,618	1,769	151	9.3%	2.27	Leading
493	Warehousing and Storage	2,415	2,945	530	21.9%	2.60	Leading



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION





# TRANSPORTATION, DISTRIBUTION & LOGISTICS

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	43	1	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					1	1.6	1.2
488	Support Activities for Transportation	Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	5	3	63.6	8.4
488	Support Activities for Transportation					3	63.6	8.4
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	9	2	17.9	2.6
485	Transit and Ground Passenger Transportation					1	7.8	3.2
488	Support Activities for Transportation					1	7.9	2.4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	38	5	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					3	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers					2	5	7.2
493	Warehousing and Storage					2	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	32	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	9	1	10.6	1
484	Truck Transportation					2	18.6	3.5
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	26	1	2.7	0.5
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	16	1	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					2	9.9	0.9
484	Truck Transportation					1	4.9	0.6
488	Support Activities for Transportation					1	3.5	0.9
492	Couriers and Messengers					2	9.6	3.6
493	Warehousing and Storage					2	13.7	3.2
424	Merchant Wholesalers, Nondurable Goods	Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgrs, Trans. Machine Operators**	7	1	8.9	0.9
484	Truck Transportation					1	14.6	2.2
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	7	3	42.3	15.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	13	5	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	61	2	3.2	2
424	Merchant Wholesalers, Nondurable Goods					5	7.9	7.3
484	Truck Transportation					28	46.3	59.7
488	Support Activities for Transportation					2	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					1	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	45	4	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					3	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.8	1.4
484	Truck Transportation					3	6.1	3.6
488	Support Activities for Transportation					1	1.2	1.5
492	Couriers and Messengers					8	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

# ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	43	1	2.5	1.3	\$43,721	High school diploma or equivalent	1 to 5 years	None
				1	1.6	1.2				
Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	5	3	63.6	8.4		High school diploma or equivalent	None	Short-term on-the-job training
				3	63.6	8.4				
Transportation Operations	43-5032	Dispatchers**	9	2	17.9	2.6	\$36,953	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.8	3.2				
				1	7.9	2.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	38	5	13.5	3.2				
				3	7.8	2.7				
				1	2.7	1.7	\$31,455	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.8	1.8				
				2	5	7.2				
				2	4.7	4.1				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	32	1	1.7	0.4	\$34,905	High school diploma or equivalent	None	Long-term on-the-job training
				1	10.6	1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	9	2	18.6	3.5	\$47,518	High school diploma or equivalent	None	Long-term on-the-job training
Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	26	1	2.7	0.5	\$58,254	Postsecondary non-degree award	1 to 5 years	None
				1	8.6	0.5				
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	16	2	9.9	0.9	\$47,312	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				
				2	13.7	3.2				
Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgrs, Trans. Machine Operators**	7	1	8.9	0.9	\$53,258	High school diploma or equivalent	1 to 5 years	None
				1	14.6	2.2				
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	7	3	42.3	15.1		High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3022	School Bus Drivers	13	5	41.2	41.1	\$26,404	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	3.2	2				
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	61	5	7.9	7.3	\$39,359	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				28	46.3	59.7				
				2	3.1	8.5				
				1	1.5	5.6				
				1	2.2	5.3				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	45	4	8.4	2.5	\$29,822	High school diploma or equivalent	None	Short-term on-the-job training
				3	7.6	3.2				
				1	1.8	1.4				
				3	6.1	3.6				
				1	1.2	1.5				
				8	17.1	30.5				
				1	1.9	2.1				

## HEALTH CARE

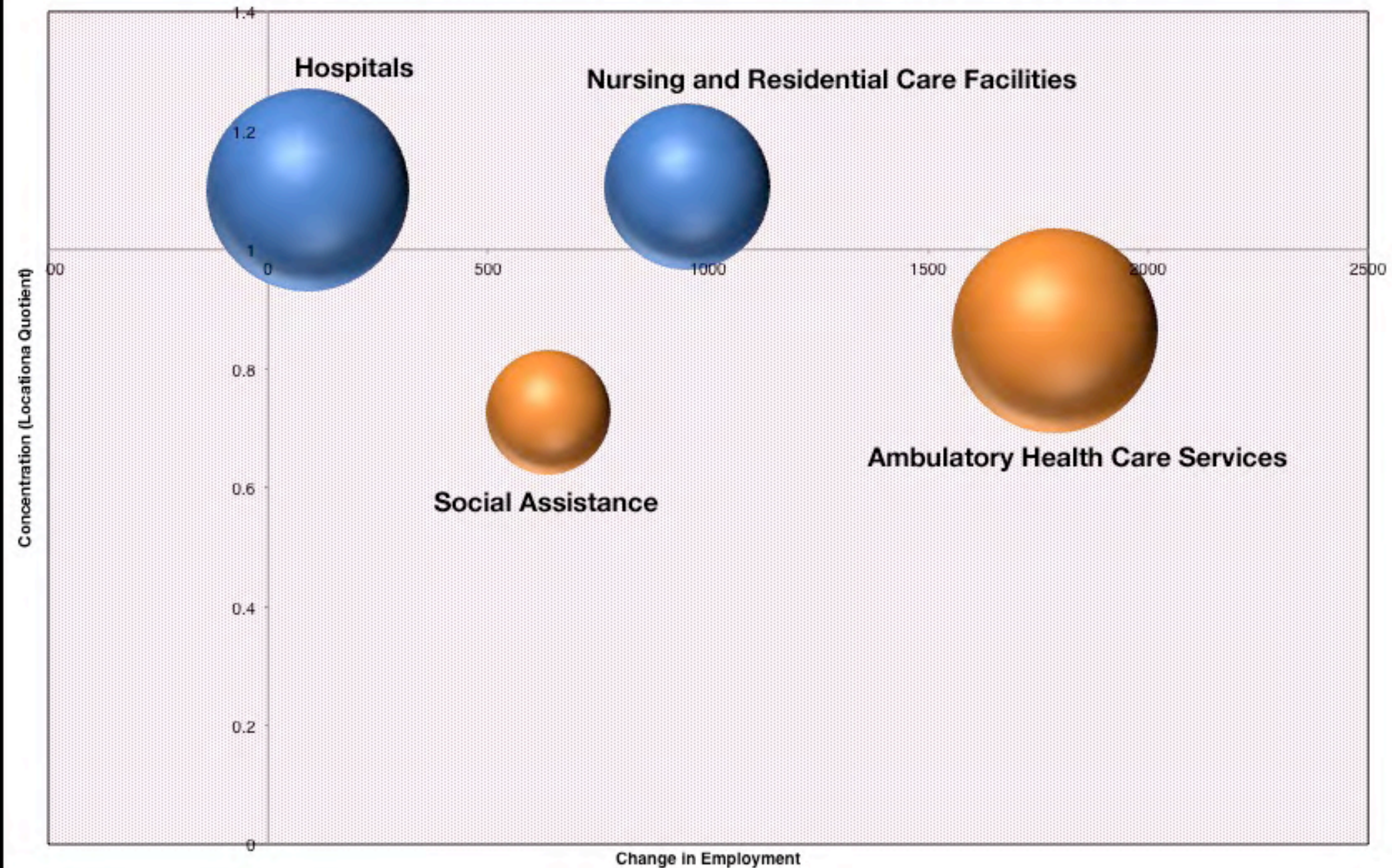
### LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	7,535	9,324	1,789	23.7%	0.86	Emerging
622	Hospitals	9,015	9,106	91	1.0%	1.10	Leading
623	Nursing and Residential Care Facilities	5,101	6,054	953	18.7%	1.11	Leading
624	Social Assistance	2,777	3,414	637	22.9%	0.73	Emerging



## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION



HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

NAICS	Description	Pathway	SOC Code	SOCTitle	Average Annual Job Openings	Annual Occupation Opening in Industry	2022 Percent of Employment that is in this Industry	2022 Percent of Employment that is in this Occupation
						1	5.9	0.2
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	11	1	6	0.3
622	Hospitals					1	6	0.3
621	Ambulatory Health Care Services					4	30	1.3
622	Hospitals	Health Informatics	11-9111	Medical & Health Services Managers	13	5	36.4	2.1
623	Nursing and Residential Care Facilities					1	10.8	1.1
621	Ambulatory Health Care Services					2	30.4	0.6
622	Hospitals	Support Services	21-1014	Mental Health Counselors**	7	1	10	0.3
623	Nursing and Residential Care Facilities					1	17.6	0.7
624	Social Assistance					1	20.1	0.9
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	14	2	8	0.4
623	Nursing and Residential Care Facilities					1	17.1	2
624	Social Assistance					6	40.7	5.1
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3
621	Ambulatory Health Care Services					9	56.3	1.8
622	Hospitals					4	25	1
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1123	Physical Therapists	16	1	6.7	0.5
621	Ambulatory Health Care Services					2	28.4	0.5
622	Hospitals					1	13.6	0.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	7	22	20.1	7.4
622	Hospitals					64	59.2	28.9
623	Nursing and Residential Care Facilities					8	7	5.8
624	Social Assistance	Therapeutic Services	29-1141	Registered Nurses	108	1	0.9	0.8
621	Ambulatory Health Care Services					4	62	1
622	Hospitals					2	25.4	0.6
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	6	3	44.3	1.1
622	Hospitals					2	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	6	2	97.4	2.8
622	Hospitals					12	97.4	2.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	12	2	36.7	1
622	Hospitals					3	56.9	2.1
621	Ambulatory Health Care Services	Therapeutic Services	29-2034	Radiologic Technologists/Technicians	6	8	55	1.8
622	Hospitals					2	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	15	1	16.2	1
622	Hospitals					10	28.9	3
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	9	6	16.3	2.3
622	Hospitals					14	39.1	9.1
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2061	Licensed Practical Nurses	35	4	35.4	0.9
621	Ambulatory Health Care Services					1	37.6	1.3
622	Hospitals					1	8.9	0.5
623	Nursing and Residential Care Facilities	Therapeutic Services	31-1014	Nursing Assistants	72	6	9	1.8
624	Social Assistance					18	24.4	6.6
621	Ambulatory Health Care Services					39	53.9	24.4
621	Ambulatory Health Care Services	Health Informatics	31-9011	Massage Therapists	6	1	1.9	1
622	Hospitals					1	24.6	0.5
623	Nursing and Residential Care Facilities					1	24.6	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	14	13	95.4	4.1
622	Hospitals					22	79.7	6.6
623	Nursing and Residential Care Facilities	Health Informatics	31-9092	Medical Assistants	27	3	12.4	1.4
621	Ambulatory Health Care Services					1	2	0.4
622	Hospitals					2	22.5	0.3
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	10	3	33.9	0.6
622	Hospitals					1	8.5	0.3
623	Nursing and Residential Care Facilities					1	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	38	1	2.7	0.7
622	Hospitals					3	11.8	0.6
623	Nursing and Residential Care Facilities					1	4.6	0.3
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	24	18	40.6	5.3
622	Hospitals					2	3.7	0.6
623	Nursing and Residential Care Facilities					1	2.9	0.8
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	44	1	2	0.6
622	Hospitals					1	2	0.6
623	Nursing and Residential Care Facilities					1	2	0.6

Regional Data

ATTACHMENT A

## HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in this Industry	2022 Percent of Employment in this Industry	2022 Percent of Employment in this Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Health Informatics	11-3011	Administrative Services Managers **	11	1	5.9	0.2	\$54,803	High school diploma or equivalent	1 to 5 years	None
				4	30	1.3				
				5	36.4	2.1	\$83,615	Bachelor's degree	None	None
Health Informatics	11-9111	Medical & Health Services Managers	13	1	10.8	1.1				
				2	30.4	0.6				
Support Services	21-1014	Mental Health Counselors**	7	1	10	0.3	\$34,779	Master's degree	None	Internship/residency
				1	17.6	0.7				
				1	20.1	0.9				
Support Services	21-1093	Social & Human Services Assistants**	14	2	17.1	2	\$26,376	High school diploma or equivalent	None	Short-term on-the-job training
				6	40.7	5.1				
Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3	\$123,793	Doctoral or professional degree	None	None
				9	56.3	1.8				
Therapeutic Services	29-1123	Physical Therapists	16	4	25	1	\$75,663	Doctoral or professional degree	None	None
				1	6.7	0.5				
Therapeutic Services	29-1127	Speech-Language Pathologists	7	2	28.4	0.5	\$70,297	Master's degree	None	None
				1	13.6	0.3				
Therapeutic Services	29-1141	Registered Nurses	108	22	20.1	7.4	\$56,563	Associate's or Bachelor's degree	None	None
				64	59.2	28.9				
				8	7	5.8				
Therapeutic Services	29-1171	Nurse Practitioners	6	4	62	1	\$86,510	Master's degree	None	None
				2	25.4	0.6				
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	6	3	44.3	1.1	\$46,360	Associate's degree	None	None
				2	41.4	1.3				
Therapeutic Services	29-2021	Dental Hygienists	12	12	97.4	2.8	\$72,058	Associate's degree	None	None
				2	36.7	1				
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	6	3	56.9	2.1	\$57,510	Associate's degree	None	None
				8	55	1.8				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	15	2	15.2	0.7	\$28,071	Postsecondary non-degree award	None	None
Therapeutic Services	29-2052	Pharmacy Technicians	9	1	16.2	1	\$28,878	High school diploma or equivalent	None	Moderate-term on-the-job training
				10	28.9	3				
Therapeutic Services	29-2061	Licensed Practical Nurses	35	6	16.3	2.3	\$43,840	Postsecondary non-degree award	None	None
				14	39.1	9.1				
Health Informatics	29-2071	Med Records & Health Info Technicians	10	4	35.4	0.9	\$32,176	Postsecondary non-degree award	None	None
				1	8.9	0.5				
				6	9	1.8				
Therapeutic Services	31-1014	Nursing Assistants	72	18	24.4	6.6	\$24,714	Postsecondary non-degree award	None	None
				39	53.9	24.4				
				1	1.9	1				
Health Informatics	31-9011	Massage Therapists	6	1	24.6	0.5	\$36,161	Postsecondary non-degree award	None	None
				1	24.6	0.5				
Therapeutic Services	31-9091	Dental Assistants	14	13	95.4	4.1	\$33,381	Postsecondary non-degree award	None	None
				22	79.7	6.6				
Health Informatics	31-9092	Medical Assistants	27	3	12.4	1.4	\$30,229	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2	0.4				
				2	22.5	0.3				
Health Informatics	31-9099	Healthcare Support Workers, All Other	10	3	33.9	0.6	\$37,752	High school diploma or equivalent	None	Short-term on-the-job training
				1	8.5	0.3				
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	38	1	2.7	0.7	\$25,638	High school diploma or equivalent	1 to 5 years	None
				1	2.7	0.7				
Health Informatics	43-3011	Bill and Account Collectors**	24	3	11.8	0.6	\$33,634	High school diploma or equivalent	None	Moderate-term on-the-job training
				18	40.6	5.3				
				2	3.7	0.6				
Health Informatics	43-4171	Receptionists & Information Clerks **	44	1	2.9	0.8	\$25,483	High school diploma or equivalent	None	Short-term on-the-job training
				1	2	0.6				

## ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	12	522	Credit intermediation and related activities	0	4.1
			524	Insurance carriers and related activities	1	8.2
			551	Management of companies and enterprises	1	7.3
			611	Educational services; state, local, and private	1	4.5
			5241	Insurance carriers	1	7.4
			5415	Computer systems design and related services	3	28.9
			5416	Management, scientific, and technical consulting services	0	3.9
			9992	State government, excluding education and hospitals	0	3.6
			524	Insurance carriers and related activities	0	3.6
			551	Management of companies and enterprises	0	3.5
15-1131	Computer Programmers	9	5112	Software publishers	0	5.4
			5415	Computer systems design and related services	4	40.6
			5613	Employment services	0	3.9
			334	Computer and electronic product manufacturing	0	3.5
			524	Insurance carriers and related activities	1	5.2
			551	Management of companies and enterprises	0	4.3
			5112	Software publishers	1	8.0
			5241	Insurance carriers	0	4.4
			5415	Computer systems design and related services	4	38.9
			5416	Management, scientific, and technical consulting services	0	4.1
			334	Computer and electronic product manufacturing	1	10.8
			423	Merchant wholesalers, durable goods	0	3.7
			5112	Software publishers	0	6.9
			5413	Architectural, engineering, and related services	0	4.5
15-1133	Software Developers, Systems Software	5	5415	Computer systems design and related services	2	37.8
			5416	Management, scientific, and technical consulting services	0	4.9
			5417	Scientific research and development services	0	3.5
			517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
15-1142	Network & Computer Sys. Administrators	6	551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	1	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
			423	Merchant wholesalers, durable goods	1	5.2
15-1151	Computer User Support Specialists	11	551	Management of companies and enterprises	0	4.4
			611	Educational services; state, local, and private	1	12.7
			5112	Software publishers	0	4.3
			5415	Computer systems design and related services	3	24.6
			5613	Employment services	0	3.6



**MANUFACTURING**

**NORTHERN STATELINE 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>Team Assemblers</b>	No Related Program of Study for This Occupation				Rock Valley College
<b>Machinists**</b>	48.0501	Machine Tool Technology	No Programs in this EDR*		EIGERlab/NIU
<b>Computer-Controlled Machine Tool Operators**</b>	48.0503	Mach Shop Technology	No Programs in this EDR*		

Notes: Highland Community College overlaps with the Northwest EDR

\* Rock Valley College reported enrollment of 8 in CIP 48.9999 (< 1 Yr Cert)

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



TRANSPORTATION, DISTRIBUTION & LOGISTICS					
NORTHERN STATELINE 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
Truck Drivers, Heavy & Tractor Trailer** Truck Drivers, Light & Delivery Services School Bus Drivers	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper	No Programs in this EDR		
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				

HEALTH CARE					
NORTHERN STATELINE 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			
		Rock Valley CC	58	Associate	Highland CC
	Community Colleges	Highland CC	44	Associate	Rock Valley CC
		Rock Valley CC	2	Associate	St. Anthony Coll of Nursing
	WIOA ETP	Highland CC	2	Associate	
		St. Anthony Coll of Nursing	1	Associate	
			9	Bachelor	
	Other Colleges	St. Anthony Coll of Nursing	19	Masters	
Nursing Assistants	51.3902	Nurse Aide			
	Community Colleges	Rock Valley CC	332	< 1 Yr Cert	Highland CC Rock Valley CC
Receptionists & Information Clerks **	52.0406	Receptionist		No Programs in this EDR	
Licensed Practical Nurses	51.3901	Licensed Practical Nurse			
	Community Colleges	Rock Valley CC	17	1-2 Yr Cert	Rock Valley CC
		Highland CC	4	1-2 Yr Cert	
	51.0710	Med Office Asst/Specialist		No Programs in this EDR	
	51.0712	Medical Reception/Receptionist.		No Programs in this EDR	
	51.0713	Medical Insurance Coding Specialist/Coder		No Programs in this EDR	
	51.0716	Med Admin/Exec Assistant & Med Secretary.		No Programs in this EDR	
Medical Assistants	51.0801	Med/Clinical Assistant			
	Community Colleges	Highland CC	5	Associate	Rockford Career College
	51.0809	Anesthesiologist Asst		No Programs in this EDR	
	51.0813	Chiropractic Asst/Technician		No Programs in this EDR	

Notes: Highland Community College overlaps with the Northwest EDR

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

### ATTACHMENT M - Regional Data

<b>Northern Stateline</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
519	Highland	110	29	63	202
511	Rock Valley	276	98	531	905
Northern Stateline Total		386	127	594	1,107
State Total		11,555	6,876	28,142	46,573
% of State Total		3.3%	1.8%	2.1%	2.4%

### 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

<b>Northern Stateline</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
519	Highland	90	84	0	1	8	0	11	0	194
511	Rock Valley	595	190	0	0	9	0	0	0	794
Northern Stateline Total		685	274	0	1	17	0	11	0	988
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		5.9%	3.9%	0.0%	7.7%	7.8%	0.0%	0.3%	0.0%	4.3%

<b>Northern Stateline</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	ABE*	ASE*	ESL*	General Studies	General Associates	Total	**Noncredit Total
519	Highland	2,620	129	667	126	77	35	709	76	4,439	406
511	Rock Valley	9,418	699	2,219	684	397	574	0	4	13,995	15,925
Northern Stateline Total		12,038	828	2,886	810	474	609	709	80	18,434	16,331
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
Proportion of State Total		4.2%	1.2%	1.7%	3.0%	4.2%	1.6%	25.4%	0.2%	2.8%	8.4%

\*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.

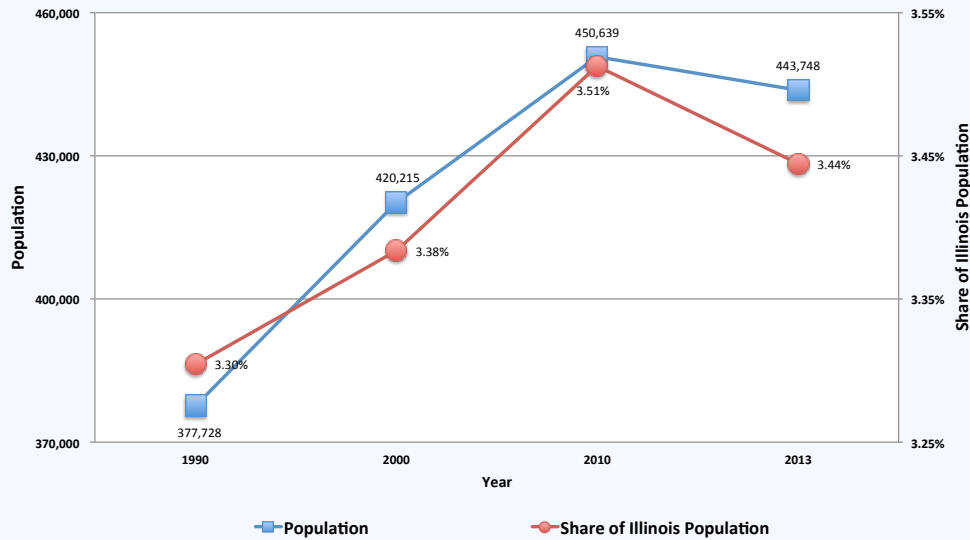
**ATTACHMENT M - Regional Data**

<b>Northern Stateline</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates</b> by <b>Career Cluster</b>																			
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*
519	Highland	6	8	5	23	102	0	0	69	0	11	6	0	28	0	92	35	0	385
511	Rock Valley	0	16	14	60	598	0	0	476	0	27	50	37	60	2	199	138	0	1,677
Northern Stateline Total		6	24	19	83	700	0	0	545	0	38	56	37	88	2	291	173	0	2,062
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		0.6%	0.8%	2.3%	2.7%	4.2%	0.0%	0.0%	3.0%	0.0%	1.8%	2.3%	1.3%	3.1%	0.6%	4.3%	2.9%	0.0%	3.0%

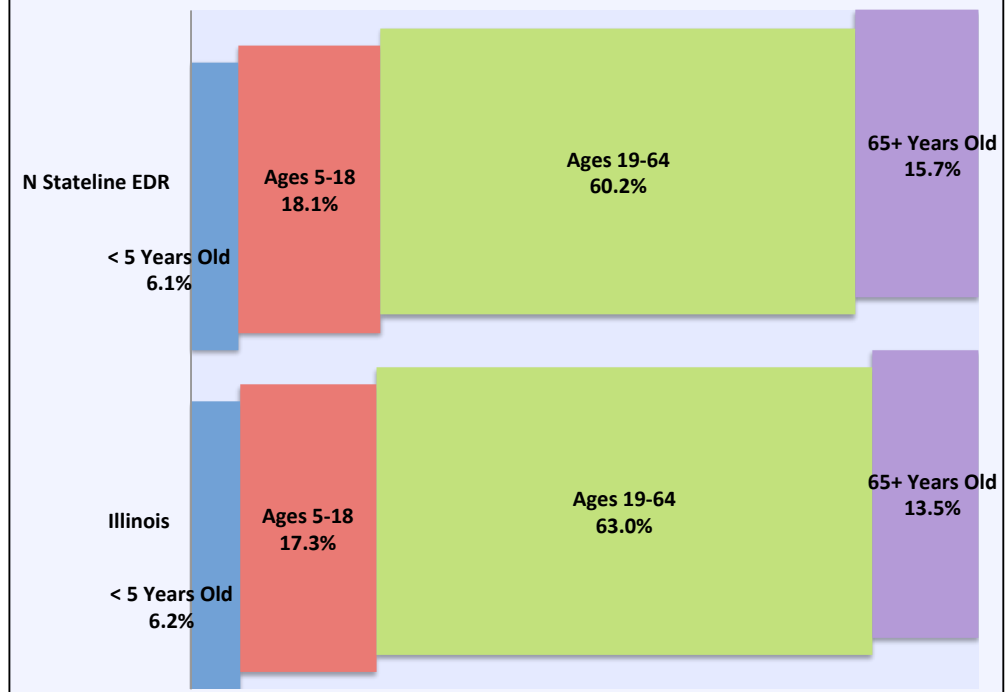
\*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

# ATTACHMENT M - Regional Data

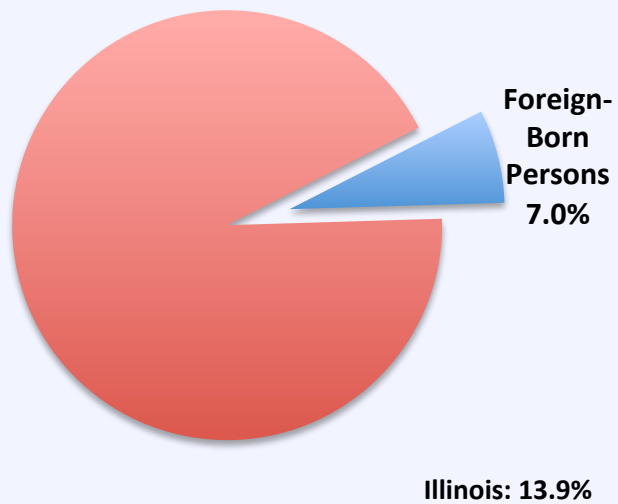
## Northern Stateline EDR Population: 1990 - 2013



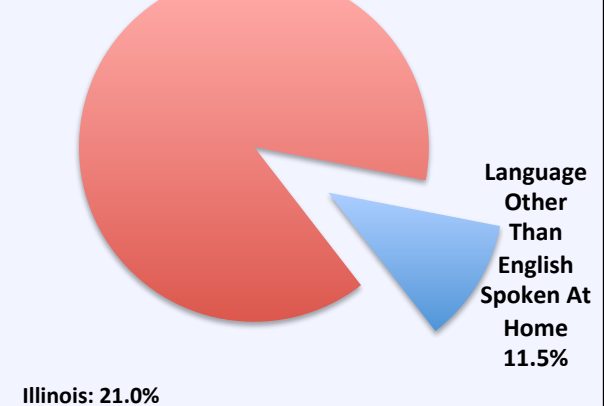
## Northern Stateline EDR vs. Illinois Population by Age: 2013



## Northern Stateline EDR Percent Foreign-Born: 2013



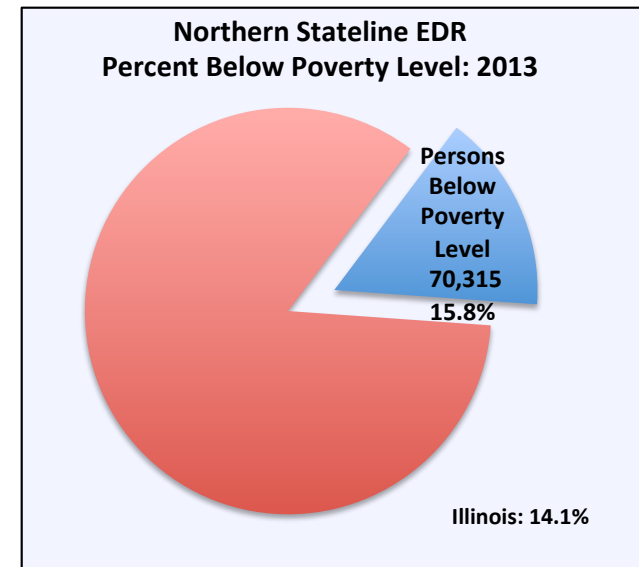
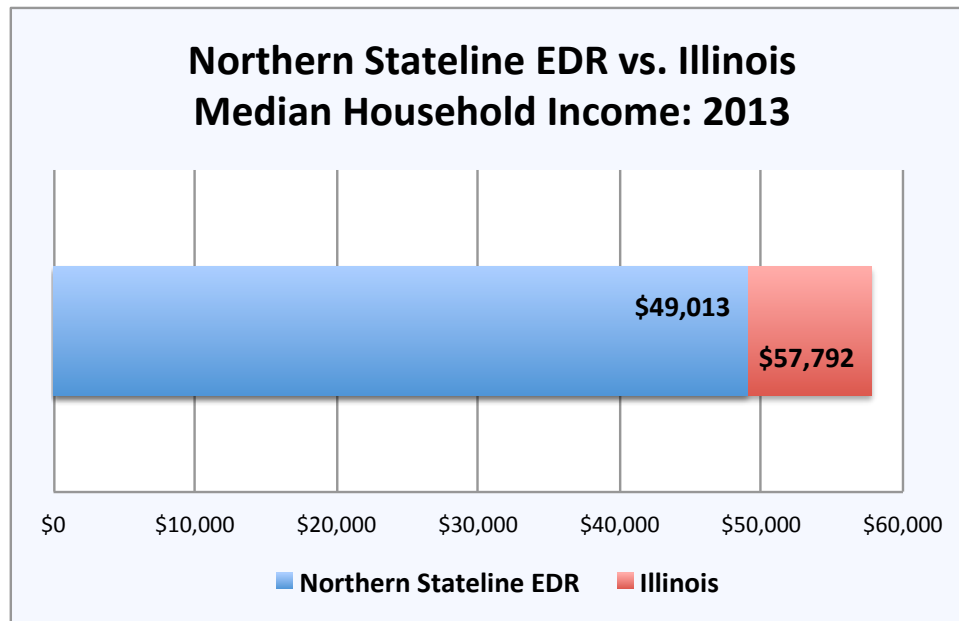
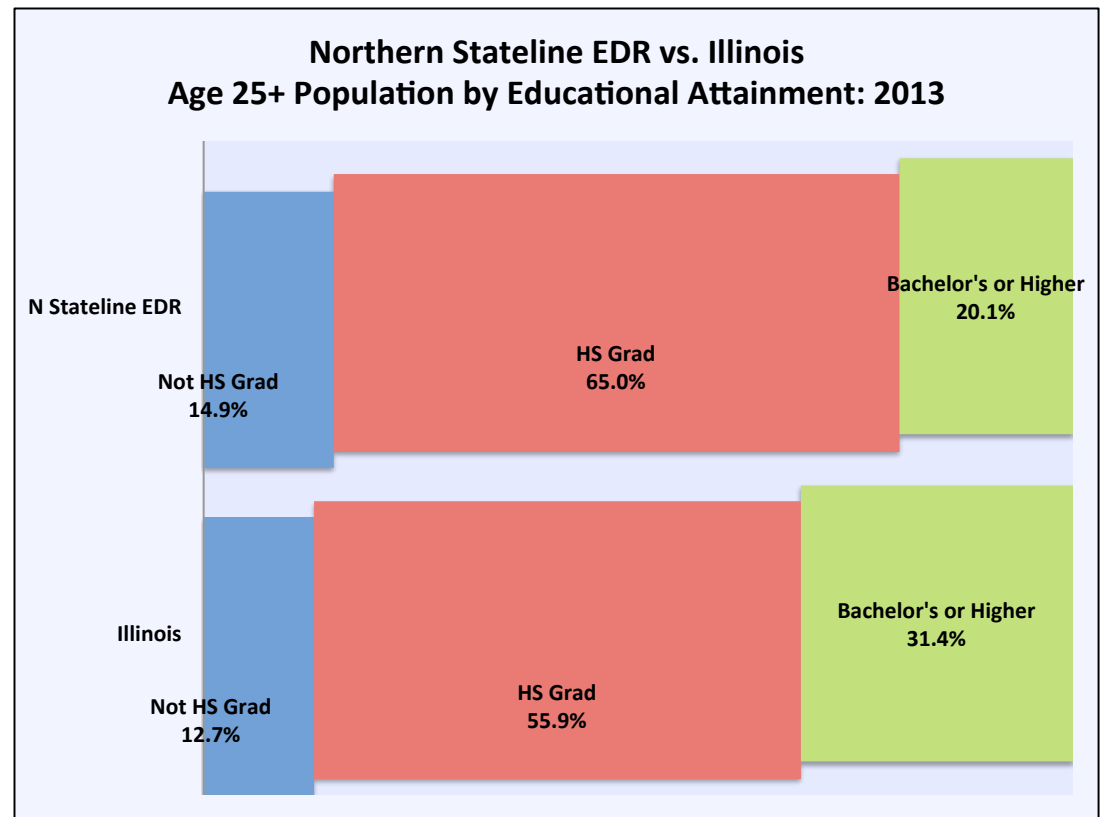
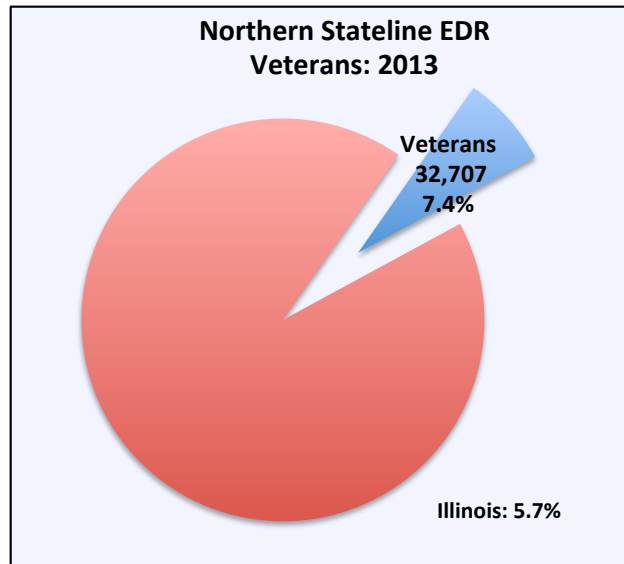
## Northern Stateline EDR Percent with Language Other Than English Spoken At Home: 2013



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



## ATTACHMENT M - Regional Data



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

## NORTHERN STATELINE REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	216,454
	Employed	198,881
	Unemployed	17,573
	Rate	8.1
TANF	Annual 2014	55,295
	Monthly Average	4,608
Corrections		-
Persons with Disabilities	Mental Disabilities	84
	Adults with Disabilities	34,366
Public Aid	Public Aid Recipients	121,051
	Adult Public Aid Recipients	63,576

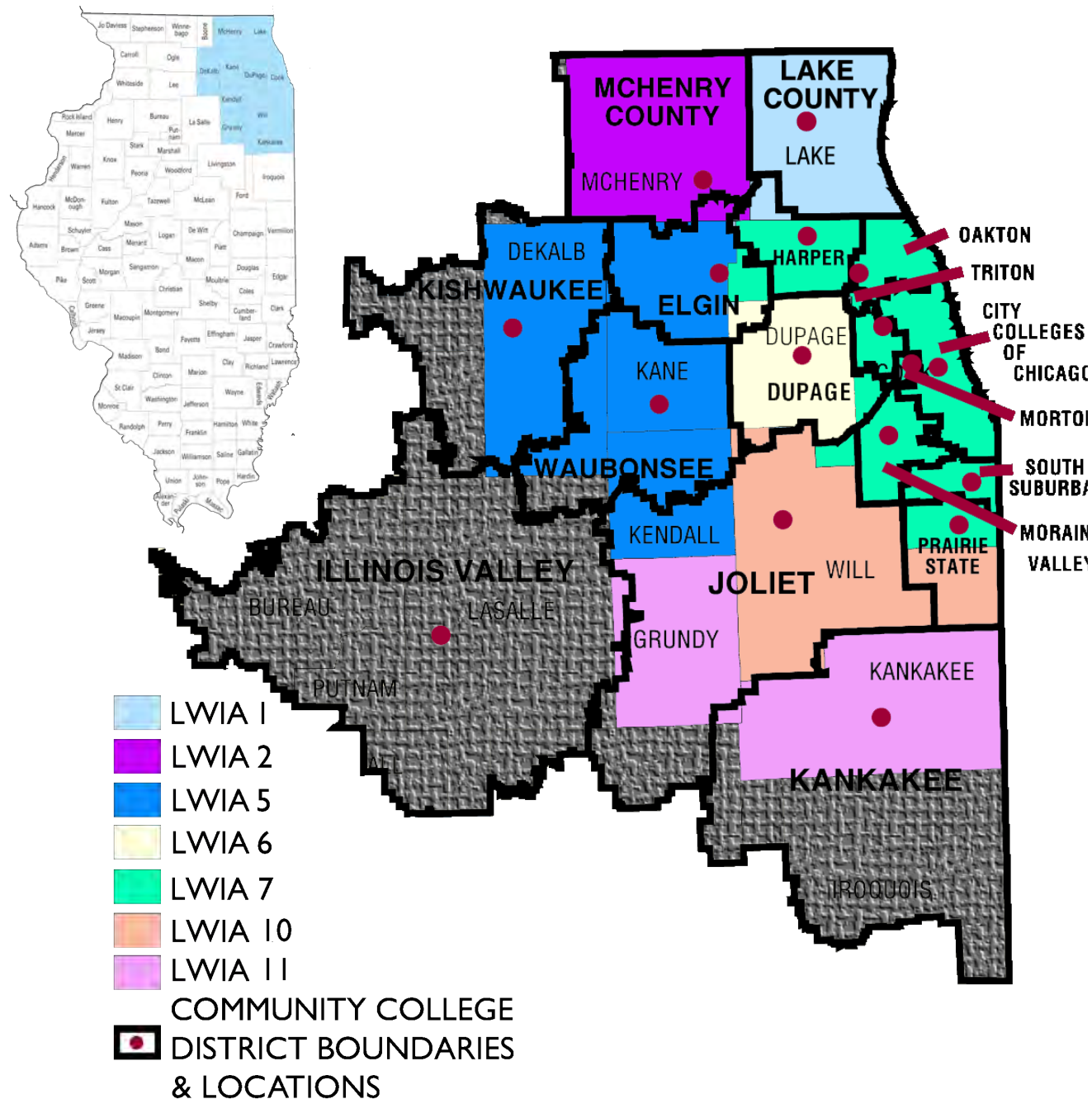
## NORTHEAST ECONOMIC DEVELOPMENT REGION

Northeast EDR Counties	2013 Population Estimates	Percent of EDR Population
Cook	5,240,700	60%
DeKalb	104,741	1%
DuPage	932,126	11%
Grundy	50,228	1%
Kane	523,643	6%
Kankakee	112,120	1%
Kendall	119,348	1%
Lake	703,019	8%
McHenry	307,409	4%
Will	682,829	8%
<b>Total Population</b>	<b>8,776,163</b>	

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

Northeast EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Chicago	2,718,782	31%
Aurora	199,963	2%
Joliet	147,806	2%
Naperville	144,864	2%
Elgin	110,145	1%
Waukegan	88,826	1%
Cicero	84,103	1%

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

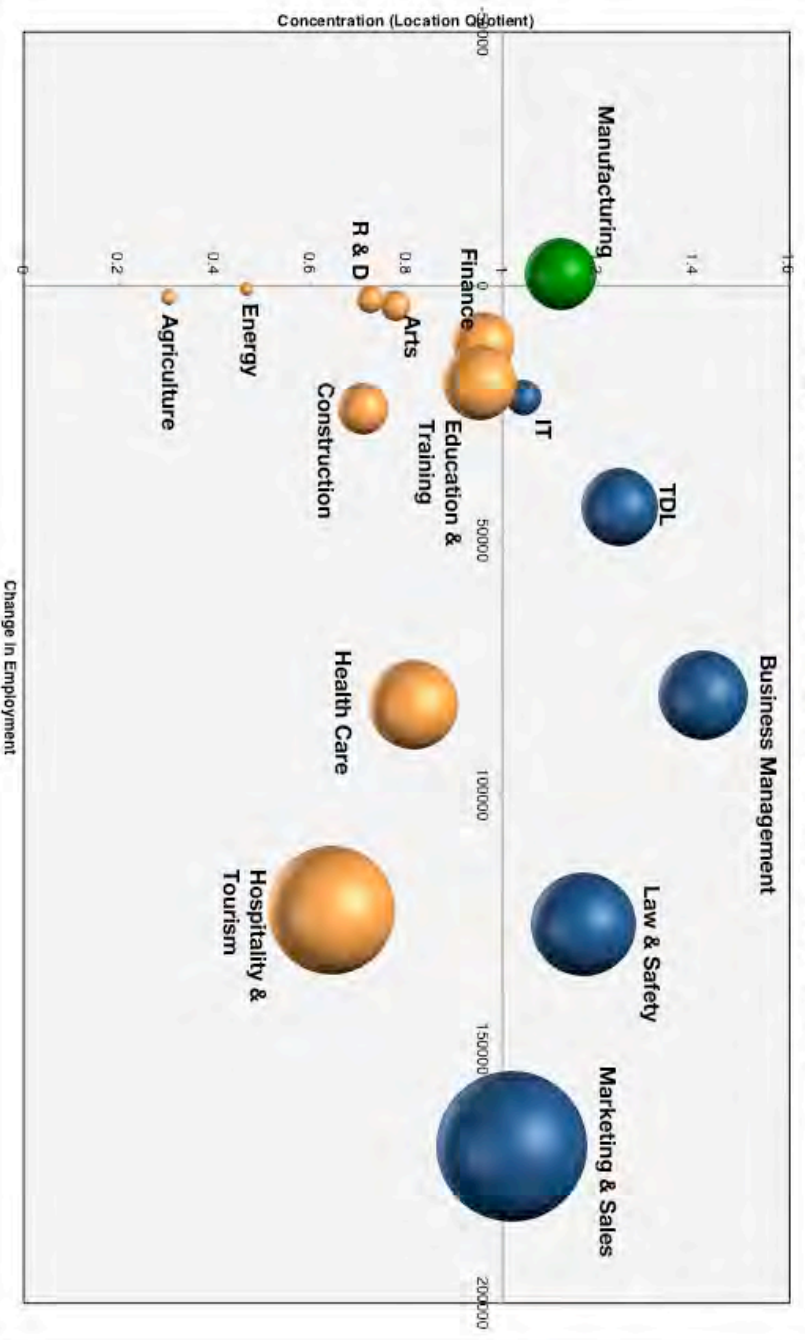


## NORTHEAST REGION

### EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	1,486,398	1,655,634	169,236	11.4%	1.02
Hospitality & Tourism	1,072,558	1,195,218	122,660	11.4%	0.64
Law & Public Safety	659,602	785,008	125,406	19.0%	1.17
Business Management	503,349	583,855	80,506	16.0%	1.42
Health Care	498,816	581,060	82,244	16.5%	0.81
Transportation, Distribution & Logistics	390,479	433,897	43,418	11.1%	1.25
Education & Training	379,002	398,055	19,053	5.0%	0.95
Manufacturing	376,840	374,497	- 2,343	-0.6%	1.12
Finance	258,940	269,960	11,020	4.3%	0.96
Construction	161,560	185,578	24,018	14.9%	0.71
Information Technology	64,820	86,724	21,904	33.8%	1.05
Arts & Audio Visual	60,547	64,394	3,847	6.4%	0.78
Research & Development	48,530	51,189	2,659	5.5%	0.72
Agriculture	14,033	16,210	2,177	15.5%	0.30
Energy	12,304	12,919	615	5.0%	0.46

### MAJOR INDUSTRY CLUSTERS IN THE NORTHEAST REGION

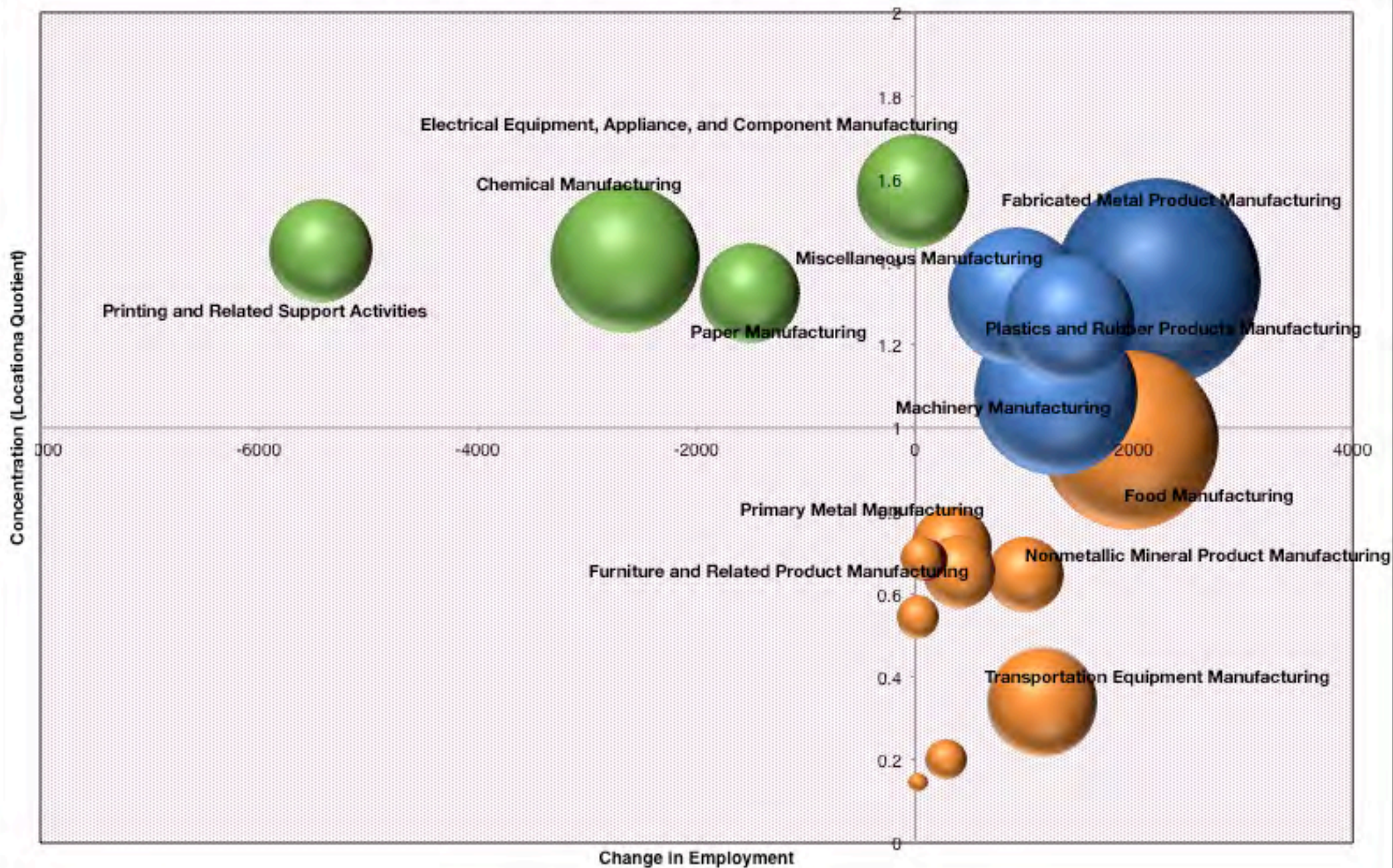


MANUFACTURING							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEAST REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
311	Food Manufacturing	46,660	48,622	1,962	4.2%	0.97	Emerging
312	Beverage and Tobacco Product Manufacturing	3,359	3,100	(259)	-7.7%	0.53	
313	Textile Mills	570	588	18	3.2%	0.15	Emerging
314	Textile Product Mills	2,593	2,687	94	3.6%	0.68	Emerging
315	Apparel Manufacturing	2,655	2,680	25	0.9%	0.54	Emerging
316	Leather and Allied Product Manufacturing	478	338	(140)	-29.3%	0.49	
321	Wood Product Manufacturing	2,251	2,529	278	12.4%	0.20	Emerging
322	Paper Manufacturing	16,560	15,055	(1,505)	-9.1%	1.32	Maturing
323	Printing and Related Support Activities	21,703	16,272	(5,431)	-25.0%	1.42	Maturing
324	Petroleum and Coal Products Manufacturing	2,519	2,582	63	2.5%	0.69	Emerging
325	Chemical Manufacturing	36,414	33,765	(2,649)	-7.3%	1.41	Maturing
326	Plastics and Rubber Products Manufacturing	27,955	28,876	921	3.3%	1.32	Leading
327	Nonmetallic Mineral Product Manufacturing	7,794	8,800	1,006	12.9%	0.65	Emerging
331	Primary Metal Manufacturing	9,406	9,741	335	3.6%	0.71	Emerging
332	Fabricated Metal Product Manufacturing	62,751	64,972	2,221	3.5%	1.35	Leading
333	Machinery Manufacturing	39,181	40,465	1,284	3.3%	1.08	Leading
334	Computer and Electronic Product Manufacturing	26,460	22,960	(3,500)	-13.2%	0.74	
335	Electrical Equipment, Appliance, and Component Manufacturing	19,273	19,247	(26)	-0.1%	1.57	Maturing
336	Transportation Equipment Manufacturing	16,715	17,872	1,157	6.9%	0.34	Emerging
337	Furniture and Related Product Manufacturing	7,534	7,934	400	5.3%	0.65	Emerging
339	Miscellaneous Manufacturing	24,009	25,412	1,403	5.8%	1.26	Leading



# MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEAST REGION



## MANUFACTURING

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Employment in this Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Occupation that is in this Industry
						Openings in Industry		
311	Food Manufacturing	Manufacturing Production Process Development	11-3051	<b>Industrial Production Managers**</b>	93	6	6.6	0.8
312	Beverage and Tobacco Product Manufacturing					1	1	0.9
313	Textile Mills					1	0.6	1.2
321	Wood Product Manufacturing					2	1.9	0.8
322	Paper Manufacturing					2	2.6	1.3
323	Printing and Related Support Activities					2	2.5	1
324	Petroleum and Coal Products Manufacturing					1	0.8	1.2
325	Chemical Manufacturing					7	7.1	1.6
326	Plastics and Rubber Products Manufacturing					4	4.5	1.3
327	Nonmetallic Mineral Product Manufacturing					3	2.9	1.2
331	Primary Metal Manufacturing	Manufacturing Production Process Development	11-3071	<b>Transportation, Storage &amp; Distribution Managers**</b>	120	3	2.8	1.3
332	Fabricated Metal Product Manufacturing					10	1.1	1.2
333	Machinery Manufacturing					6	6.8	1.1
334	Computer and Electronic Product Manufacturing					5	5.7	1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.1	1.1
336	Transportation Equipment Manufacturing					8	8.9	1
337	Furniture and Related Product Manufacturing					2	1.9	0.9
339	Miscellaneous Manufacturing					3	3.1	1
311	Food Manufacturing					3	2.3	0.2
312	Beverage and Tobacco Product Manufacturing					1	0.6	0.3
322	Paper Manufacturing	Logistics & Inventory Control	11-9041	<b>Engineering Managers**</b>	151	1	0.6	0.2
325	Chemical Manufacturing					2	1.4	0.2
326	Plastics and Rubber Products Manufacturing					1	0.9	0.2
333	Machinery Manufacturing					1	0.5	0.1
334	Computer and Electronic Product Manufacturing					1	0.6	0.1
336	Transportation Equipment Manufacturing					1	0.9	0.1
324	Petroleum and Coal Products Manufacturing					1	0.4	0.8
325	Chemical Manufacturing					3	1.8	0.5
326	Plastics and Rubber Products Manufacturing					1	0.8	0.3
327	Nonmetallic Mineral Product Manufacturing					1	0.4	0.2
331	Primary Metal Manufacturing	Logistics & Inventory Control	11-9199	<b>Managers, All Other (incl. Logistics Analysts)**</b>	1,489	1	0.4	0.2
332	Fabricated Metal Product Manufacturing					3	0.2	0.1
333	Machinery Manufacturing					3	0.2	0.2
334	Computer and Electronic Product Manufacturing					4	0.3	0.3
336	Transportation Equipment Manufacturing					6	0.4	0.2
339	Miscellaneous Manufacturing					3	0.2	0.3
311	Food Manufacturing					1	1.3	0.1
322	Paper Manufacturing					1	0.5	0.2
325	Chemical Manufacturing					2	2.3	0.5
332	Fabricated Metal Product Manufacturing					1	0.9	0.1
333	Machinery Manufacturing	Logistics & Inventory Control	13-1081	<b>Logisticians**</b>	101	1	1.4	0.2
334	Computer and Electronic Product Manufacturing					4	3.6	0.6
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.5	0.3
336	Transportation Equipment Manufacturing					11	10.6	1.1
339	Miscellaneous Manufacturing					1	0.6	0.2
325	Chemical Manufacturing					2	0.2	0.3
332	Fabricated Metal Product Manufacturing					1	0.1	0
333	Machinery Manufacturing					2	0.2	0.1
334	Computer and Electronic Product Manufacturing					6	0.6	0.5
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.1	0.3
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	13-1111	<b>Management Analysts (incl. Logistics Analysts)**</b>	956	9	0.9	0.5
339	Miscellaneous Manufacturing					1	0.1	0.2
423	Printing and Related Support Activities					1	0.1	0.1
325	Chemical Manufacturing					2	0.2	0.2
332	Fabricated Metal Product Manufacturing					1	0.1	0
333	Machinery Manufacturing					6	0.7	0.5
334	Computer and Electronic Product Manufacturing					28	3.5	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.1	0.3
336	Transportation Equipment Manufacturing					9	1.1	0.6
339	Miscellaneous Manufacturing					2	0.3	0.4
333	Machinery Manufacturing	Manufacturing Production Process Development	15-1133	<b>Software Developers, Systems Software**</b>	467	2	0.5	0.2
334	Computer and Electronic Product Manufacturing					50	10.8	5.6
336	Transportation Equipment Manufacturing					14	3	1
339	Miscellaneous Manufacturing					1	0.2	0.1

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323	Printing and Related Support Activities	Manufacturing Production Process Development	15-1199	Computer Occupations, All Other**	312	1	0.2	0.1
325	Chemical Manufacturing					1	0.4	0.1
333	Machinery Manufacturing					1	0.4	0.1
334	Computer and Electronic Product Manufacturing					3	0.9	0.2
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	17-2071	Electrical Engineers**	94	2	0.5	0.1
339	Miscellaneous Manufacturing					1	0.3	0.1
332	Fabricated Metal Product Manufacturing					1	0.6	0.1
333	Machinery Manufacturing					4	4.3	0.7
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2072	Electronics Engineers, exc Computer**	94	17	18.5	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1.4	0.6
336	Transportation Equipment Manufacturing					2	2	0.2
311	Food Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	184	3	1.5	0.2
313	Textile Mills					1	0.3	0.2
321	Wood Product Manufacturing					1	0.7	0.4
322	Paper Manufacturing					2	1.3	0.9
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	257	1	0.6	1.3
325	Chemical Manufacturing					8	4.2	1.3
326	Plastics and Rubber Products Manufacturing					6	3.3	1.3
327	Nonmetallic Mineral Product Manufacturing					3	1.4	0.8
331	Primary Metal Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	3	1.6	1.1
332	Fabricated Metal Product Manufacturing					10	5.6	0.9
333	Machinery Manufacturing					13	6.9	1.6
334	Computer and Electronic Product Manufacturing					22	12.2	3
335	Electrical Equipment, Appliance, and Component Manufacturing	Manufacturing Production Process Development	17-2203	Electrical & Electronic Engineering Technicians**	89	5	2.5	1.8
336	Transportation Equipment Manufacturing					32	17.6	2.8
337	Furniture and Related Product Manufacturing					2	1.2	0.8
339	Miscellaneous Manufacturing					6	3.5	1.6
322	Paper Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	257	1	0.4	0.3
324	Petroleum and Coal Products Manufacturing					1	0.3	0.7
325	Chemical Manufacturing					4	1.7	0.6
326	Plastics and Rubber Products Manufacturing					4	1.6	0.7
327	Nonmetallic Mineral Product Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	1	0.2	0.1
331	Primary Metal Manufacturing					2	0.7	0.5
332	Fabricated Metal Product Manufacturing					16	6.2	1.1
333	Machinery Manufacturing					32	12.3	3.3
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2203	Electrical & Electronic Engineering Technicians**	89	16	6.3	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing					5	2	1.7
336	Transportation Equipment Manufacturing					31	11.9	2.2
337	Furniture and Related Product Manufacturing					1	0.2	0.1
339	Miscellaneous Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	1	0.2	0.1
322	Paper Manufacturing					4	1.6	0.8
324	Petroleum and Coal Products Manufacturing					1	0.4	0.1
325	Chemical Manufacturing					1	0.3	0.4
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	4	2.2	0.4
327	Nonmetallic Mineral Product Manufacturing					1	0.3	0.1
332	Fabricated Metal Product Manufacturing					3	1.8	0.2
333	Machinery Manufacturing					6	3.2	0.4
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2203	Electrical & Electronic Engineering Technicians**	89	8	4.5	0.7
335	Electrical Equipment, Appliance, and Component Manufacturing					2	0.9	0.4
336	Transportation Equipment Manufacturing					11	6.1	0.6
337	Furniture and Related Product Manufacturing					1	0.3	0.1
339	Miscellaneous Manufacturing	Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	2	1.1	0.3
325	Chemical Manufacturing					2	1.1	0.3
333	Machinery Manufacturing					1	0.9	0.2
334	Computer and Electronic Product Manufacturing					3	3.3	0.5
335	Electrical Equipment, Appliance, and Component Manufacturing	Manufacturing Production Process Development	17-2072	Electronics Engineers, exc Computer**	94	20	22.2	3.4
336	Transportation Equipment Manufacturing					2	2.8	1.3
324	Petroleum and Coal Products Manufacturing					2	2	0.2
325	Chemical Manufacturing					1	1.9	1.2
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development	17-2029	Engineering Techs, exc Drafters, All Other**	56	1	2	0.2
327	Nonmetallic Mineral Product Manufacturing					1	1	0.1
332	Fabricated Metal Product Manufacturing					1	1.6	0.1
333	Machinery Manufacturing					2	3.3	0.2
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2031	Chemists**	83	2	3.7	0.3
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1	0.2
336	Transportation Equipment Manufacturing					3	4.6	0.2
339	Miscellaneous Manufacturing					1	1.2	0.2
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	17-2031	Chemists**	83	1	1	0.9
325	Chemical Manufacturing					22	27	3.4
334	Computer and Electronic Product Manufacturing					1	0.9	0.1
331	Food Manufacturing					1	1.2	0.1
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	19-4031	Chemical Technicians**	69	1	2.1	1.4
325	Chemical Manufacturing					16	23.1	2.2
331	Primary Metal Manufacturing					7	0.8	0.1
325	Chemical Manufacturing					1	1.4	0.8
333	Machinery Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Whls/Mfg. Tech/SciProds**	489	2	0.4	0.1
334	Computer and Electronic Product Manufacturing					8	1.7	0.7
335	Electrical Equipment, Appliance, and Component Manufacturing					19	3.9	1.7
336	Transportation Equipment Manufacturing					2	0.5	0.7

ATTACHMENT M. Regional Data



ATTACHMENT M - Regional Data

336	Transportation Equipment Manufacturing				2	0.4	0.1	
339	Miscellaneous Manufacturing				6	1.2	1	
311	Food Manufacturing				16	1	1.1	
312	Beverage and Tobacco Product Manufacturing				10	0.6	5.2	
313	Textile Mills				2	0.1	1.5	
314	Textile Product Mills				3	0.2	3	
315	Apparel Manufacturing				2	0.1	2.1	
321	Wood Product Manufacturing				10	0.6	2.4	
322	Paper Manufacturing				8	0.5	2.3	
323	Printing and Related Support Activities				20	1.2	4.4	
324	Petroleum and Coal Products Manufacturing				2	0.1	1.2	
325	Chemical Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps./Wholesale/Mfg.Ex.Tech/Scientific**	1,625	11	0.7	1.4
326	Plastics and Rubber Products Manufacturing				11	0.7	2	
327	Nonmetallic Mineral Product Manufacturing				11	0.7	2.9	
331	Primary Metal Manufacturing				5	0.3	1.4	
332	Fabricated Metal Product Manufacturing				33	2	2.1	
333	Machinery Manufacturing				23	1.4	2.3	
334	Computer and Electronic Product Manufacturing				10	0.6	0.9	
335	Electrical Equipment, Appliance, and Component Manufacturing				5	0.3	1.6	
336	Transportation Equipment Manufacturing				11	0.7	0.8	
337	Furniture and Related Product Manufacturing				8	0.5	2.3	
339	Miscellaneous Manufacturing				11	0.7	2.2	
327	Nonmetallic Mineral Product Manufacturing	Logistics & Inventory Control	43-5032	Dispatchers**	207	5	2.2	1.2
311	Food Manufacturing				4	1.9	0.4	
312	Beverage and Tobacco Product Manufacturing				1	0.3	0.5	
313	Textile Mills				1	0.3	1	
315	Apparel Manufacturing				1	0.3	1.3	
321	Wood Product Manufacturing				1	0.6	0.5	
322	Paper Manufacturing				2	0.9	0.8	
323	Printing and Related Support Activities				3	1.5	1	
325	Chemical Manufacturing				5	2.6	1.1	
326	Plastics and Rubber Products Manufacturing	Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	201	3	1.5	0.7
327	Nonmetallic Mineral Product Manufacturing				1	0.6	0.4	
331	Primary Metal Manufacturing				2	1.1	0.9	
332	Fabricated Metal Product Manufacturing				8	4	0.8	
333	Machinery Manufacturing				7	3.4	1	
334	Computer and Electronic Product Manufacturing				7	3.5	1.1	
335	Electrical Equipment, Appliance, and Component Manufacturing				2	1.1	1	
336	Transportation Equipment Manufacturing				12	5.8	1.2	
337	Furniture and Related Product Manufacturing				2	0.8	0.7	
339	Miscellaneous Manufacturing				3	1.5	0.9	
311	Food Manufacturing				18	2.6	1.3	
312	Beverage and Tobacco Product Manufacturing				1	0.2	0.8	
313	Textile Mills				2	0.3	1.9	
314	Textile Product Mills				1	0.2	1.7	
315	Apparel Manufacturing				2	0.3	2.8	
316	Leather and Allied Product Manufacturing				1	0.1	2.5	
321	Wood Product Manufacturing				3	0.5	0.9	
322	Paper Manufacturing				6	0.9	1.9	
323	Printing and Related Support Activities				9	1.3	2.1	
324	Petroleum and Coal Products Manufacturing				1	0.1	0.8	
325	Chemical Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	682	13	1.9	1.8
326	Plastics and Rubber Products Manufacturing				12	1.7	2	
327	Nonmetallic Mineral Product Manufacturing				3	0.4	0.8	
331	Primary Metal Manufacturing				5	0.7	1.4	
332	Fabricated Metal Product Manufacturing				27	3.9	1.8	
333	Machinery Manufacturing				17	2.5	1.7	
334	Computer and Electronic Product Manufacturing				10	1.5	1.1	
335	Electrical Equipment, Appliance, and Component Manufacturing				5	0.8	1.8	
336	Transportation Equipment Manufacturing				17	2.5	1.2	
337	Furniture and Related Product Manufacturing				5	0.8	1.6	
339	Miscellaneous Manufacturing				10	1.5	2.1	
311	Food Manufacturing				5	1.6	0.5	
312	Beverage and Tobacco Product Manufacturing				1	0.3	0.7	
313	Wood Product Manufacturing				1	0.3	0.3	
314	Paper Manufacturing				2	0.5	0.7	
316	Petroleum and Coal Products Manufacturing				1	0.2	1.1	
317	Chemical Manufacturing				3	1	0.6	
318	Plastics and Rubber Products Manufacturing				2	0.6	0.5	
319	Nonmetallic Mineral Product Manufacturing	Maintenance, Installation & Repair	49-1011	1st-Line Svcs/Mgts. Mechanics/Installers**	330	1	0.4	0.5
321	Primary Metal Manufacturing				2	0.7	1	
322	Fabricated Metal Product Manufacturing				3	0.9	0.3	
323	Machinery Manufacturing				3	0.8	0.4	
324	Computer and Electronic Product Manufacturing				1	0.3	0.2	
325	Electrical Equipment, Appliance, and Component Manufacturing				1	0.2	0.3	
326	Transportation Equipment Manufacturing				4	1.1	0.4	
329	Miscellaneous Manufacturing				1	0.3	0.2	
311	Food Manufacturing				37	9.1	2.4	
312	Beverage and Tobacco Product Manufacturing				7	1.7	3.5	
313	Textile Mills				4	0.9	3.8	
314	Textile Product Mills				1	0.3	1.3	

ATTACHMENT M - Regional Data

321	Wood Product Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	406	6	1.5	1.4
322	Paper Manufacturing					14	3.4	3.7
323	Printing and Related Support Activities					2	0.5	0.5
324	Petroleum and Coal Products Manufacturing					5	1.2	4.2
325	Chemical Manufacturing					22	5.3	2.7
326	Plastics and Rubber Products Manufacturing					14	3.4	2.1
327	Nonmetallic Mineral Product Manufacturing					7	1.7	1.6
331	Primary Metal Manufacturing					15	3.8	4
332	Fabricated Metal Product Manufacturing					18	4.5	1.1
333	Machinery Manufacturing					20	5	1.9
334	Computer and Electronic Product Manufacturing	4	1.1	0.5				
335	Electrical Equipment, Appliance, and Component Manufacturing	2	0.6	0.8				
336	Transportation Equipment Manufacturing	20	4.9	1.3				
337	Furniture and Related Product Manufacturing	2	0.6	0.6				
339	Miscellaneous Manufacturing	2	0.4	0.3				
311	Food Manufacturing	Maintenance, Installation & Repair	49-9043	Maintenance Workers, Machinery**	91	10	11.1	0.8
312	Beverage and Tobacco Product Manufacturing					1	1.3	0.7
313	Textile Mills					1	1.6	1.7
321	Wood Product Manufacturing					2	2.2	0.6
322	Paper Manufacturing					3	3	0.9
324	Petroleum and Coal Products Manufacturing					1	0.8	0.7
325	Chemical Manufacturing					4	4.2	0.6
326	Plastics and Rubber Products Manufacturing					5	6	1
327	Nonmetallic Mineral Product Manufacturing					2	2.3	0.6
331	Primary Metal Manufacturing					4	4	1.1
332	Fabricated Metal Product Manufacturing	7	7.7	0.5				
333	Machinery Manufacturing	2	2	0.2				
334	Computer and Electronic Product Manufacturing	1	1.5	0.2				
335	Electrical Equipment, Appliance, and Component Manufacturing	2	2.3	0.7				
336	Transportation Equipment Manufacturing	4	4.7	0.3				
339	Miscellaneous Manufacturing	1	1	0.2				
334	Computer and Electronic Product Manufacturing	Maintenance, Installation & Repair	49-9062	Medical Equipment Repairs	55	1	1.3	0.1
339	Miscellaneous Manufacturing					1	2.1	0.2
311	Food Manufacturing					21	2.3	2.3
312	Beverage and Tobacco Product Manufacturing					2	0.2	1.8
313	Textile Mills					1	0.1	2.4
314	Textile Product Mills					1	0.1	1.3
321	Wood Product Manufacturing					5	0.5	1.7
322	Paper Manufacturing					5	0.5	2.2
323	Printing and Related Support Activities					2	0.2	0.7
324	Petroleum and Coal Products Manufacturing					1	0.1	1.5
325	Chemical Manufacturing	11	1.2	2.4				
326	Plastics and Rubber Products Manufacturing	8	0.9	2.3				
327	Nonmetallic Mineral Product Manufacturing	5	0.5	1.9				
331	Primary Metal Manufacturing	10	1.1	4.4				
332	Fabricated Metal Product Manufacturing	13	1.4	1.4				
333	Machinery Manufacturing	8	0.9	1.3				
334	Computer and Electronic Product Manufacturing	4	0.4	0.7				
335	Electrical Equipment, Appliance, and Component Manufacturing	3	0.3	1.6				
336	Transportation Equipment Manufacturing	11	1.2	1.2				
337	Furniture and Related Product Manufacturing	3	0.3	1.1				
339	Miscellaneous Manufacturing	4	0.4	1.2				
311	Food Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	909	23	7.8	3.2
312	Beverage and Tobacco Product Manufacturing					3	0.9	2.8
313	Textile Mills					2	0.7	4.4
314	Textile Product Mills					2	0.7	4.3
315	Apparel Manufacturing					1	0.3	3
321	Wood Product Manufacturing					7	2.5	3.7
322	Paper Manufacturing					6	2.2	3.8
323	Printing and Related Support Activities					8	2.9	3.9
324	Petroleum and Coal Products Manufacturing					3	0.9	5.1
325	Chemical Manufacturing					14	4.9	3.9
326	Plastics and Rubber Products Manufacturing	13	4.5	4.4				
327	Nonmetallic Mineral Product Manufacturing	7	2.3	3.3				
331	Primary Metal Manufacturing	8	2.8	4.5				
332	Fabricated Metal Product Manufacturing	32	11.1	4.3				
333	Machinery Manufacturing	17	5.7	3.3				
334	Computer and Electronic Product Manufacturing	9	3.1	1.9				
335	Electrical Equipment, Appliance, and Component Manufacturing	5	1.7	3.2				
336	Transportation Equipment Manufacturing	21	7.2	2.9				
337	Furniture and Related Product Manufacturing	7	2.5	4.1				
339	Miscellaneous Manufacturing	9	3.2	3.5				
332	Fabricated Metal Product Manufacturing	Production	51-1011	1st-Line Svcs/Mgts, Prod. & Operating Workers**	292	1	0.6	0.1
333	Machinery Manufacturing					5	6.1	1.1
334	Computer and Electronic Product Manufacturing					40	45.8	8.9
335	Electrical Equipment, Appliance, and Component Manufacturing					15	17.5	10.1
336	Transportation Equipment Manufacturing					7	8	1
339	Miscellaneous Manufacturing	2	2.2	0.8				
332	Fabricated Metal Product Manufacturing	Production	51-2022	Electric/Electronic Equipment Assemblers**	88	43	49.1	2.8
333	Machinery Manufacturing					11	12.7	1.1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.6	0.7
336	Transportation Equipment Manufacturing							
339	Miscellaneous Manufacturing							
333	Machinery Manufacturing	Production	51-2041	Structural Metal Fabricators and Erectors	87			
335	Electrical Equipment, Appliance, and Component Manufacturing							
336	Transportation Equipment Manufacturing							
339	Miscellaneous Manufacturing							
333	Machinery Manufacturing							

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336	Transportation Equipment Manufacturing	Production					10	11.8	0.7				
337	Furniture and Related Product Manufacturing						1	0.6	0.1				
339	Miscellaneous Manufacturing						5	5.7	0.9				
311	Food Manufacturing						33	2.5	1.9				
312	Beverage and Tobacco Product Manufacturing						4	0.3	1.6				
314	Textile Product Mills						3	0.2	2.9				
316	Leather and Allied Product Manufacturing						1	0.1	3.8				
321	Wood Product Manufacturing						44	3.3	9.1				
322	Paper Manufacturing						8	0.6	1.9				
323	Printing and Related Support Activities						5	0.4	1				
324	Petroleum and Coal Products Manufacturing	Production	51-2092	Team Assemblers			3	0.2	1.9				
325	Chemical Manufacturing						16	1.2	1.8				
326	Plastics and Rubber Products Manufacturing						1,322	48	3.6	6.5			
327	Nonmetallic Mineral Product Manufacturing						48	1.2	3.2				
331	Primary Metal Manufacturing						9	0.7	2.2				
332	Fabricated Metal Product Manufacturing						97	7.3	5.3				
333	Machinery Manufacturing						132	10	10.7				
334	Computer and Electronic Product Manufacturing						48	3.6	4.1				
335	Electrical Equipment, Appliance, and Component Manufacturing						50	3.8	12.8				
336	Transportation Equipment Manufacturing						268	20.3	15.1				
337	Furniture and Related Product Manufacturing						44	3.3	9.9				
339	Miscellaneous Manufacturing						74	5.6	11.6				
311	Food Manufacturing						2	1.3	0.3				
321	Wood Product Manufacturing						6	3.3	2.6				
325	Chemical Manufacturing						1	0.7	0.3				
326	Plastics and Rubber Products Manufacturing						3	1.6	0.8				
327	Nonmetallic Mineral Product Manufacturing						2	1.1	0.8				
332	Fabricated Metal Product Manufacturing						9	4.5	0.9				
333	Machinery Manufacturing						192	7	3.9	1.2			
334	Computer and Electronic Product Manufacturing						Production	51-2099	Assemblers & Fabricators, All Other**			3	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing	3	1.4	1.3									
336	Transportation Equipment Manufacturing	32	16.8	3.5									
337	Furniture and Related Product Manufacturing	5	2.5	2.1									
339	Miscellaneous Manufacturing	10	5.1	3									
311	Food Manufacturing	119	79.3	5.6									
312	Beverage and Tobacco Product Manufacturing	150	2	1.4	0.8								
311	Food Manufacturing	Production	51-3092	Food Batchmakers	39	74.3						1.7	
312	Beverage and Tobacco Product Manufacturing		Production	51-3093	Food Cooking Machine Operators & Tenders	12						4.5	1.2
316	Food Manufacturing					11						4	1.8
326	Plastics and Rubber Products Manufacturing					104	39.3	4.2					
332	Fabricated Metal Product Manufacturing					49	18.4	2.9					
333	Machinery Manufacturing			Production	51-4011	Computer-Controlled Machine Tool Operators**	264	13	5				
334	Computer and Electronic Product Manufacturing						10	3.7	1.8				
335	Electrical Equipment, Appliance, and Component Manufacturing						48	18.2	2				
336	Transportation Equipment Manufacturing						1	0.2	0.1				
337	Furniture and Related Product Manufacturing						10	3.9	1.2				
339	Miscellaneous Manufacturing	Production					51-4031	Cutting, Punching & Press Machine Operators	1	1	0.4		
321	Wood Product Manufacturing		1						1.2	0.6			
322	Paper Manufacturing		6						7.6	2.2			
326	Plastics and Rubber Products Manufacturing		5						5.9	2.8			
331	Primary Metal Manufacturing		25						31.5	3.6			
332	Fabricated Metal Product Manufacturing		8	9.6	1.6								
333	Machinery Manufacturing		2	2.5	0.4								
334	Computer and Electronic Product Manufacturing		2	3.1	1.6								
335	Electrical Equipment, Appliance, and Component Manufacturing		10	12.9	1.5								
336	Transportation Equipment Manufacturing					2			2.8	1.3			
337	Furniture and Related Product Manufacturing	2				2.9	0.9						
339	Miscellaneous Manufacturing	2				3.8	0.4						
326	Plastics and Rubber Products Manufacturing	1				1.5	0.2						
327	Nonmetallic Mineral Product Manufacturing	7				12	2.1						
331	Primary Metal Manufacturing	22				38.8	1.6						
332	Fabricated Metal Product Manufacturing	10				17.6	1.1						
333	Machinery Manufacturing	1				1.8	0.4						
335	Electrical Equipment, Appliance, and Component Manufacturing	Production				51-4033	Grind/Polish Machine Tool Setters & Operators	7	11.8	0.5			
336	Transportation Equipment Manufacturing							3	6	0.7			
339	Miscellaneous Manufacturing							1	0.1	0			
311	Food Manufacturing							1	0.1	0.3			
313	Textile Mills							1	0.1	0.1			
321	Wood Product Manufacturing							3	0.4	0.5			
322	Paper Manufacturing							1	0.1	0.1			
323	Printing and Related Support Activities							1	0.2	1			
324	Petroleum and Coal Products Manufacturing							5	0.7	0.4			
325	Chemical Manufacturing							10	1.5	1.1			
326	Plastics and Rubber Products Manufacturing	Production				51-4041	Machinists**	649	5	0.7	0.8		
327	Nonmetallic Mineral Product Manufacturing							12	35.1	10.2			
331	Primary Metal Manufacturing		228	16.6	7								
332	Fabricated Metal Product Manufacturing		108	3	1.4								
333	Machinery Manufacturing		19	1.6	2.2								
334	Computer and Electronic Product Manufacturing		10	1.2	3.6								
335	Electrical Equipment, Appliance, and Component Manufacturing		78	12	3.6								
336	Transportation Equipment Manufacturing		3	0.5	0.6								
337	Furniture and Related Product Manufacturing												

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339	Miscellaneous Manufacturing				18	2.7	2.3
326	Plastics and Rubber Products Manufacturing				6	10.1	1.3
331	Primary Metal Manufacturing				3	5.5	1.1
332	Fabricated Metal Product Manufacturing				16	27	1.3
333	Machinery Manufacturing				9	16.3	1.2
334	Computer and Electronic Product Manufacturing	Production	51-0081	Multiple Machine Tool Setters & Operators**	58	1	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing				3	5.6	1.3
336	Transportation Equipment Manufacturing				12	20.6	1.1
337	Furniture and Related Product Manufacturing				2	2.6	0.5
339	Miscellaneous Manufacturing				3	5.5	0.8
321	Wood Product Manufacturing				1	0.3	0.3
326	Plastics and Rubber Products Manufacturing				1	0.2	0.1
327	Nonmetallic Mineral Product Manufacturing				3	1	0.9
331	Primary Metal Manufacturing				5	1.9	2
332	Fabricated Metal Product Manufacturing				64	24.3	6.2
333	Machinery Manufacturing	Production	51-0121	Welders, Cutters, Solderers & Brazers**	262	35	13.2
334	Computer and Electronic Product Manufacturing				4	1.6	0.6
335	Electrical Equipment, Appliance, and Component Manufacturing				3	1.1	1.3
336	Transportation Equipment Manufacturing				33	12.5	3.3
337	Furniture and Related Product Manufacturing				2	0.9	1
339	Miscellaneous Manufacturing				2	0.8	0.6
331	Primary Metal Manufacturing				1	1.1	0.2
332	Fabricated Metal Product Manufacturing				27	29.1	1.2
333	Machinery Manufacturing				18	20	1.3
334	Computer and Electronic Product Manufacturing	Production	51-0122	Welding/Soldering/Brazing Machine Setters & Operators**	92	1	1.2
335	Electrical Equipment, Appliance, and Component Manufacturing				3	3.2	0.6
336	Transportation Equipment Manufacturing				25	27	1.2
337	Furniture and Related Product Manufacturing				2	1.8	0.3
339	Miscellaneous Manufacturing				2	2.4	0.3
313	Textile Mills				1	0.6	1.1
314	Textile Product Mills				1	0.5	1
322	Paper Manufacturing	Production	51-0112	Printing Press Operators & Job Printers**	141	12	8.5
323	Printing and Related Support Activities				78	55.5	21.9
326	Plastics and Rubber Products Manufacturing				4	3	0.9
339	Miscellaneous Manufacturing				1	0.9	0.3
322	Paper Manufacturing				1	1.7	0.2
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	51-0091	Chemical Plant & System Operators**	52	2	3.4
325	Chemical Manufacturing				48	91.5	4.2
311	Food Manufacturing				1	1	0
322	Paper Manufacturing				2	2	0.3
324	Petroleum and Coal Products Manufacturing				3	2.5	1.3
325	Chemical Manufacturing	Production	51-0011	Chemical Equipment Operators/Tenders	118	94	79.3
326	Plastics and Rubber Products Manufacturing				5	4.4	0.4
331	Primary Metal Manufacturing				1	1.1	0.2
332	Fabricated Metal Product Manufacturing				1	0.9	0
336	Transportation Equipment Manufacturing				1	0.5	0
311	Food Manufacturing				18	15	1.2
312	Beverage and Tobacco Product Manufacturing				2	1.8	1.1
313	Textile Mills				1	0.5	0.7
322	Paper Manufacturing				2	2	0.7
324	Petroleum and Coal Products Manufacturing	Production	51-0023	Mix/Blend Machine Setters, Operators & Tenders	121	4	3
325	Chemical Manufacturing				51	42.5	6.7
326	Plastics and Rubber Products Manufacturing				7	6	1.2
327	Nonmetallic Mineral Product Manufacturing				13	10.5	3
332	Fabricated Metal Product Manufacturing				1	0.7	0.1
336	Transportation Equipment Manufacturing				1	0.6	0
339	Miscellaneous Manufacturing				1	0.7	0.2
311	Food Manufacturing				6	8.8	0.4
312	Beverage and Tobacco Product Manufacturing				1	1.5	0.6
321	Wood Product Manufacturing				1	1.9	0.3
322	Paper Manufacturing				3	4.1	0.8
325	Chemical Manufacturing				7	10.6	1
326	Plastics and Rubber Products Manufacturing	Production	51-0041	Extruding/Forming/Compacting Machine Operators	64	19	29.9
327	Nonmetallic Mineral Product Manufacturing				15	23.2	3.9
331	Primary Metal Manufacturing				1	1.7	0.3
332	Fabricated Metal Product Manufacturing				1	1.6	0.1
335	Electrical Equipment, Appliance, and Component Manufacturing				1	0.9	0.2
336	Transportation Equipment Manufacturing				1	0.8	0
339	Miscellaneous Manufacturing				3	4.5	0.6
311	Food Manufacturing				30	6.6	2.2
312	Beverage and Tobacco Product Manufacturing				3	0.7	1.9
323	Textile Mills				4	0.9	4.6
324	Textile Product Mills				2	0.4	2.4
325	Apparel Manufacturing				2	0.4	2.9
331	Wood Product Manufacturing				6	1.3	1.7
332	Paper Manufacturing				5	1.1	1.6
333	Printing and Related Support Activities				4	0.9	1.1
334	Petroleum and Coal Products Manufacturing				1	0.3	1.2
325	Chemical Manufacturing				22	4.8	3.2
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development	51-0061	Inspectors, Testers, Sorters & Weighers	454	25	5.6
327	Nonmetallic Mineral Product Manufacturing				8	1.8	2.1

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331	Primary Metal Manufacturing				10	2.3	3.2
332	Fabricated Metal Product Manufacturing				40	8.9	2.9
333	Machinery Manufacturing				21	4.7	2.3
334	Computer and Electronic Product Manufacturing				25	5.4	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing				9	2	3
336	Transportation Equipment Manufacturing				45	10	3.4
337	Furniture and Related Product Manufacturing				5	1	1.3
339	Miscellaneous Manufacturing				13	2.9	2.7
311	Food Manufacturing				127	30.3	7.8
312	Beverage and Tobacco Product Manufacturing				22	5.2	10.3
313	Textile Mills				1	0.3	1.3
314	Textile Product Mills				1	0.2	0.8
321	Wood Product Manufacturing				3	0.6	0.6
322	Paper Manufacturing				8	1.9	2.1
323	Printing and Related Support Activities				4	0.9	0.8
324	Petroleum and Coal Products Manufacturing				2	0.4	1.5
325	Chemical Manufacturing	Production	Packaging & Filling Machine Operators & Tenders	420	50	11.8	6
326	Plastics and Rubber Products Manufacturing				15	3.6	2.2
327	Nonmetallic Mineral Product Manufacturing				5	1.3	1.2
331	Primary Metal Manufacturing				3	0.6	0.6
332	Fabricated Metal Product Manufacturing				7	1.6	0.4
335	Electrical Equipment, Appliance, and Component Manufacturing				2	0.4	0.5
336	Transportation Equipment Manufacturing				2	0.4	0.1
337	Furniture and Related Product Manufacturing				1	0.3	0.4
339	Miscellaneous Manufacturing				7	1.6	1.1
311	Food Manufacturing				62	10.9	2
312	Beverage and Tobacco Product Manufacturing				2	0.3	0.5
313	Textile Mills				1	0.1	0.4
314	Textile Product Mills				1	0.1	0.4
315	Apparel Manufacturing				1	0.1	0.2
316	Leather and Allied Product Manufacturing				1	0.2	2.1
321	Wood Product Manufacturing				10	1.7	1.1
322	Paper Manufacturing				14	2.4	1.8
323	Printing and Related Support Activities				5	0.9	0.5
324	Petroleum and Coal Products Manufacturing				1	0.2	0.5
325	Chemical Manufacturing	Production	Production Workers, All Other	570	20	3.5	1.2
326	Plastics and Rubber Products Manufacturing				14	2.4	1
327	Nonmetallic Mineral Product Manufacturing				12	2.1	1.3
331	Primary Metal Manufacturing				10	1.7	1.2
332	Fabricated Metal Product Manufacturing				22	3.8	0.7
333	Machinery Manufacturing				17	2.9	0.7
334	Computer and Electronic Product Manufacturing				7	1.3	0.4
335	Electrical Equipment, Appliance, and Component Manufacturing				8	1.4	1.1
336	Transportation Equipment Manufacturing				27	4.8	0.9
337	Furniture and Related Product Manufacturing				4	0.7	0.5
339	Miscellaneous Manufacturing				16	2.8	1.4

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MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION

Pathway	SOC Code	SOC Title	Average Occupation Opening in Annual Job Openings	Annual Occupation Opening in Industry	2022 Percent of Industry Occupation that is this Occupation	2022 Percent of Manufacturing Occupation that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	11-3051	Industrial Production Managers**	93	6	6.6	0.8	\$90,892	Bachelor's degree	1 to 5 years	None
				1	1	0.9				
				1	0.6	1.2				
				2	1.9	0.8				
				2	2.6	1.3				
				2	2.5	1				
				1	0.8	1.2				
				7	7.1	1.6				
				4	4.5	1.3				
				3	2.9	1.2				
Logistics & Inventory Control	11-3071	Transportation, Storage & Distribution Managers**	120	3	2.3	0.2	\$81,823	High school diploma or equivalent	More than 5 years	None
				1	0.6	0.3				
				1	0.6	0.2				
				2	1.4	0.2				
				1	0.9	0.2				
				1	0.5	0.1				
				1	0.6	0.1				
				1	0.9	0.1				
				3	2.3	0.2				
				1	0.6	0.3				
Manufacturing Production Process Development	11-9041	Engineering Managers**	151	6	4.1	0.8	\$123,223	Bachelor's degree	More than 5 years	None
				17	11.5	2.5				
				2	1.2	0.8				
				10	6.5	0.9				
				2	1.4	0.5				
				1	0.1	0.1				
				1	0.1	0.9				
				6	0.4	0.5				
				1	0.1	0.1				
				3	0.2	0.1				
Logistics & Inventory Control	11-9199	Managers, All Other (incl. Logistics Analysis)**	1,489	3	0.2	0.2	\$99,701	High school diploma or equivalent	1 to 5 years	None
				4	0.3	0.3				
				6	0.4	0.2				
				3	0.2	0.3				
				1	1.3	0.1				
				1	0.5	0.2				
				2	2.3	0.5				
				1	0.9	0.1				
				1	1.4	0.2				
				4	3.6	0.6				
Logistics & Inventory Control	13-1081	Logisticians**	101	1	0.5	0.3	\$65,953	Bachelor's degree	1 to 5 years	None
				11	10.6	1.1				
				1	0.6	0.2				
				2	0.2	0.3				
				1	0.1	0				
				2	0.2	0.1				
				6	0.6	0.5				
				1	0.1	0.3				
				9	0.9	0.5				
				1	0.1	0.2				
Logistics & Inventory Control	13-1111	Management Analysts (incl. Logistics Analysis)**	956	1	0.1	0.1	\$86,330	Bachelor's degree	1 to 5 years	None
				1	0.1	0.1				
				2	0.2	0.2				
				1	0.1	0				
				6	0.7	0.5				
				28	3.5	2.8				
				1	0.1	0.3				
				9	1.1	0.6				
				2	0.3	0.4				
				2	0.5	0.2				
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	467	50	10.8	5.6	\$97,363	Bachelor's degree	None	None
				14	3	1				
				1	0.2	0.1				
				1	0.2	0.1				
				1	0.4	0.1				
				1	0.4	0.1				
				3	0.9	0.2				
				2	0.5	0.1				
				1	0.3	0.1				
				1	0.6	0.1				
Manufacturing Production Process Development	15-1199	Computer Occupations, All Other**	312	4	4.3	0.7	\$88,096	Bachelor's degree	None	None
				17	18	3.3				
				3	3.5	1.9				
				5	5	0.6				
				1	1.4	0.2				
Manufacturing Production Process Development	17-2071	Electrical Engineers**	94	1	0.6	0.1	\$91,445	Bachelor's degree	None	None
				4	4.3	0.7				
				17	18	3.3				
				3	3.5	1.9				
				5	5	0.6				
				1	1.4	0.2				
				1	0.6	0.1				
				4	4.3	0.7				
				17	18	3.3				
				3	3.5	1.9				

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Manufacturing Production Process Development	17-2072	Electronics Engineers, exc Computer**	94	17 1 2	18.5 1.4 2	2.8 0.6 0.2	\$58,723	Bachelor's degree	None	None
				3 1 1 2 1 8 6 3	1.5 0.3 0.7 1.3 0.6 4.2 3.3 1.4	0.2 0.7 0.4 0.9 1.3 1.3 1.3 0.8		Bachelor's degree	None	None
Manufacturing Production Process Development	17-2112	Industrial Engineers**	184	3 10 13 22 5 32 2 6	1.6 5.6 6.9 12.2 2.5 17.6 1.2 3.5	1.1 0.9 1.6 3 1.8 2.8 0.8 1.6	\$77,526	Bachelor's degree	None	None
				1 1 4 4 1 2 16 32	0.4 0.3 1.7 1.7 1.6 0.7 6.3 12.3	0.3 0.7 0.6 0.7 0.1 0.5 1.8 3.3	\$78,333	Bachelor's degree	None	None
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	257	16 32	6.2 12.3	1.1 3.3				
				1 4 5 31 1 4	0.4 0.3 2 11.9 0.2 1.6	0.7 0.7 1.7 2.2 0.1 0.8				
Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	173	8 2 11 1 2	4.5 0.9 6.1 0.3 1.1	0.7 0.4 0.6 0.1 0.3	\$89,765	Bachelor's degree	None	None
				1 3 2	0.9 3.3 2.8	0.2 0.5 1.3				
Manufacturing Production Process Development	17-3023	Electrical & Electronic Engineering Technicians**	89	20 2	22.2 2.8	3.4 1.3	\$60,196	Associate's degree	None	None
				1 1 1 1 1 2	1.9 2 1 1.6 1 1.1	1.2 0.2 0.1 0.1 0.2 0.3				
Manufacturing Production Process Development	17-3029	Engineering Techs, exc Drafters, All Other**	56	2 2	3.3 3.7	0.2 0.3	\$60,259	Associate's degree	None	None
				1 3 1	1 4.6 1.2	0.2 0.2 0.2				
Manufacturing Production Process Development	19-2031	Chemists**	83	1 22	1 27	0.9 3.4	\$80,340	Bachelor's degree	None	None
				1 16	0.9 23.1	0.1 2.2				
Manufacturing Production Process Development	19-4031	Chemical Technicians**	69	1 1	1.2 2.1	0.1 1.4	\$46,897	Associate's degree	None	Moderate term on-the-job training
				7 2 8	1.4 0.4 1.7	0.8 0.1 0.7				
Manufacturing Production Process Development	41-4011	Sales Reps, WHS/Mfg, Tech/SclProd**	489	19 2	3.9 0.5	1.7 0.7	\$66,304	Bachelor's degree	None	Moderate term on-the-job training
				2 6	0.4 1.2	0.1 1				
				16 10 2 3 2 10 8 20 2	1 0.6 0.1 0.2 0.1 0.6 0.5 1.2 0.1	1.1 5.2 1.5 3 2.1 2.4 2.3 4.4 1.2				
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex Tech/Service**	1,625	11 11	0.7 0.7	1.4 2	\$59,725	High school diploma or equivalent	None	Moderate term on-the-job training
				11 5 23 10 5 11 8 11	0.7 0.3 1.4 0.6 0.3 0.7 0.5 0.7	2.9 1.4 2.1 0.9 1.6 2.3 1.6 2.3				
Logistics & Inventory Control	43-5032	Dispatchers**	207	5 4	2.2 1.9	1.2 0.4	\$42,520	High school diploma or equivalent	None	Moderate term on-the-job training

ATTACHMENT M - Regional Data



Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	201	1 0.3 0.5 1 0.3 1.3 1 0.6 0.5 2 0.9 0.8 3 1.5 1 5 2.6 1.1 3 1.5 0.7	\$46,716	High school diploma or equivalent	None	Moderate-term on-the-job training	
			18 2.6 1.3 1 0.2 0.8 2 0.3 1.9 1 0.2 1.7 2 0.3 2.8 1 0.1 2.5 3 0.5 0.9 6 0.9 1.9 9 1.3 2.1 1 0.1 0.8 12 1.7 2 3 0.4 0.8 5 0.7 1.4 27 3.9 1.8 17 2.5 1.7 10 1.5 1.1 5 0.8 1.8 17 2.5 1.2 5 0.8 1.6 10 1.5 2.1 5 1.6 0.5 1 0.3 0.7 1 0.3 0.3 2 0.5 0.7 1 0.2 1.1 3 1 0.6 2 0.6 0.5 2 0.7 1 3 0.9 0.3 3 0.8 0.4 1 0.3 0.2 1 0.2 0.3 4 1.1 0.4 1 0.3 0.2 37 9.1 2.4 7 1.7 3.5 4 0.9 3.8 1 0.3 1.3 6 1.5 1.4 14 3.4 3.7 2 0.5 0.5 5 1.2 4.2 22 5.3 2.7 14 3.4 2.1 7 1.7 1.6 15 3.8 4 18 4.5 1.1 20 5 1.9 4 1.1 0.5 2 0.6 0.8 20 4.9 1.3 2 0.6 0.6 2 0.4 0.3 10 11.1 0.8 1 1.3 0.7 1 1.6 1.7 2 2.2 0.6 3 3 0.9 1 0.8 0.7 4 4.2 0.6 5 6 1 2 2.3 0.6 4 4 1.1 7 7.7 0.5 2 2 0.2 1 1.5 0.2 2 2.3 0.7 4 4.7 0.3 1 1 0.2						
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	682	13 1.9 1.8 12 1.7 2 3 0.4 0.8 5 0.7 1.4 27 3.9 1.8 17 2.5 1.7 10 1.5 1.1 5 0.8 1.8 17 2.5 1.2 5 0.8 1.6 10 1.5 2.1 5 1.6 0.5 1 0.3 0.7 1 0.3 0.3 2 0.5 0.7 1 0.2 1.1 3 1 0.6 2 0.6 0.5 2 0.7 1 3 0.9 0.3 3 0.8 0.4 1 0.3 0.2 1 0.2 0.3 4 1.1 0.4 1 0.3 0.2 37 9.1 2.4 7 1.7 3.5 4 0.9 3.8 1 0.3 1.3 6 1.5 1.4 14 3.4 3.7 2 0.5 0.5 5 1.2 4.2 22 5.3 2.7 14 3.4 2.1 7 1.7 1.6 15 3.8 4 18 4.5 1.1 20 5 1.9 4 1.1 0.5 2 0.6 0.8 20 4.9 1.3 2 0.6 0.6 2 0.4 0.3 10 11.1 0.8 1 1.3 0.7 1 1.6 1.7 2 2.2 0.6 3 3 0.9 1 0.8 0.7 4 4.2 0.6 5 6 1 2 2.3 0.6 4 4 1.1 7 7.7 0.5 2 2 0.2 1 1.5 0.2 2 2.3 0.7 4 4.7 0.3 1 1 0.2	\$30,693	High school diploma or equivalent	None	Short-term on-the-job training	
Maintenance, Installation & Repair	49-1011	1st-Line Svcs./Mgns. Mechanics/Installers**	330	1 0.4 0.5 2 0.7 1 3 0.9 0.3 3 0.8 0.4 1 0.3 0.2 1 0.2 0.3 4 1.1 0.4 1 0.3 0.2 37 9.1 2.4 7 1.7 3.5 4 0.9 3.8 1 0.3 1.3 6 1.5 1.4 14 3.4 3.7 2 0.5 0.5 5 1.2 4.2 22 5.3 2.7 14 3.4 2.1 7 1.7 1.6 15 3.8 4 18 4.5 1.1 20 5 1.9 4 1.1 0.5 2 0.6 0.8 20 4.9 1.3 2 0.6 0.6 2 0.4 0.3 10 11.1 0.8 1 1.3 0.7 1 1.6 1.7 2 2.2 0.6 3 3 0.9 1 0.8 0.7 4 4.2 0.6 5 6 1 2 2.3 0.6 4 4 1.1 7 7.7 0.5 2 2 0.2 1 1.5 0.2 2 2.3 0.7 4 4.7 0.3 1 1 0.2	\$70,566	High school diploma or equivalent	1 to 5 years	None	
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	406	14 3.4 2.1 7 1.7 1.6 15 3.8 4 18 4.5 1.1 20 5 1.9 4 1.1 0.5 2 0.6 0.8 20 4.9 1.3 2 0.6 0.6 2 0.4 0.3 10 11.1 0.8 1 1.3 0.7 1 1.6 1.7 2 2.2 0.6 3 3 0.9 1 0.8 0.7 4 4.2 0.6 5 6 1 2 2.3 0.6 4 4 1.1 7 7.7 0.5 2 2 0.2 1 1.5 0.2 2 2.3 0.7 4 4.7 0.3 1 1 0.2	\$56,135	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance, Installation & Repair	49-9043	Maintenance Workers, Machinery**	91	4 4 1.1 7 7.7 0.5 2 2 0.2 1 1.5 0.2 2 2.3 0.7 4 4.7 0.3 1 1 0.2	\$47,703	High school diploma or equivalent	None	Moderate-term on-the-job training	
ATTACHMENT M - Regional Data									
Maintenance, Installation & Repair	49-9062	Medical Equipment Repairers	55	1 1.3 0.1 1 2.1 0.2 21 2.3 2.3 2 0.2 1.8 1 0.1 2.4	\$47,388	Associate's degree	None	Moderate-term on-the-job training	

Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	909	1 5 5 2 1 11 8	0.1 0.5 0.5 0.2 0.1 1.2 0.9	1.3 1.7 2.2 0.7 1.5 2.4 2.3	\$41,111	High school diploma or equivalent	None	Moderate term on-the-job training
				4 23 3 2 2 1 7 6 8 3	0.4 7.8 0.9 0.7 0.7 0.3 2.3 2.2 0.9 0.3	1.2 3.2 2.8 4.4 4.3 3 3.3 4.5 0.7				
				14 13 7 32 17 9 5 21 7	4.9 4.5 2.3 11.1 5.7 3.1 1.7 7.2 2.5	3.9 4.4 3.3 4.3 3.3 1.9 3.2 2.9 4.1		Postsecondary non-degree award	1 to 5 years	None
Production	51-1011	1st-Line Sprvs/Mfgs, Prod. & Operating Workers**	292	1 13 14	0.6 4.5 4.9	0.1 1.1 3.9	\$56,877			None
				43 11 2 87 10 1 5 40 15 7	2.8 12.7 2.6 11.8 1.8 0.6 6.1 45.8 17.5 8	1.1 1.1 0.7 0.7 0.7 1.1 8.9 10.1 1	\$27,642	High school diploma or equivalent	None	Short-term on-the-job training
Production	51-2022	Electric/Electronic Equipment Assemblers**	88	1 5 15 7	0.6 6.1 17.5 8	0.1 1.1 10.1 1				
				33 4 3 1 44 8 5 3 16 16 48	2.5 0.3 0.2 0.1 3.3 0.6 5.7 0.2 1.2 1.2 3.6	1.9 1.6 2.9 3.8 9.1 1.9 1 1.9 1.8 6.5	\$24,913	High school diploma or equivalent	None	Moderate term on-the-job training
Production	51-2041	Structural Metal Fabricators & Fitters	87	1 5 33 4 3 1 44 8 5 3 16 16 48	0.6 5.7 2.5 0.3 0.2 0.1 3.3 0.6 5.7 0.2 1.2 1.2 3.6	0.1 0.9 1.9 1.6 2.9 3.8 1.9 1 1.9 1.8 6.5	\$37,088	High school diploma or equivalent	None	Moderate term on-the-job training
				9 97 132 48 50 268 44 74	0.7 7.3 10 3.6 3.8 20.3 3.3 5.6	2.2 5.3 10.7 4.1 12.8 15.1 9.9 11.6				
Production	51-2092	Team Assemblers	1,322	16 16 48	1.2 1.2 3.6	3.2 1.8 6.5	\$24,913	High school diploma or equivalent	None	Moderate term on-the-job training
				2 6 1 3 2 9 7 44 119	1.3 3.3 0.7 1.6 4.5 3.9 1.8 2.5 7.3	0.3 2.6 0.3 0.8 0.9 1.2 0.6 2.1 5.6				
Production	51-3092	Food Batchmakers	150	2 39	1.4 7.3	0.8 1.7	\$27,699	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-3093	Food Cooking Machine Operators & Tenders	53	12 11 104 49	4.5 4 39.3 18.4	1.2 1.8 4.2 2.9	\$25,038	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-4011	Computer-Controlled Machine Tool Operators**	264	13 10 48 1 10	5 3.7 18.2 0.2 3.9	0.9 1.8 2 0.1 1.2	\$37,203	High school diploma or equivalent	None	Moderate term on-the-job training
				1 1 10	1 1 3.9	0.4 0.6 1.2				

M - Regional Data

ATTACHMENT

Production	51-4031	Cutting, Punching & Press Machine Operators	80	6 5 25	7.6 5.9 31.5	2.2 2.8 3.6	\$27,777	High school diploma or equivalent	None	Moderate term on-the-job training
				2 2 2	2.5 3.1 2.8	0.4 1.6 1.3				
				2 1 7	2.9 1.5 12	0.9 0.4 2.1				
Production	51-4033	Grind/Polish Machine Tool Setters & Operators	57	22 10	38.8 17.6	1.6 1.1	\$32,119	High school diploma or equivalent	None	Moderate term on-the-job training
				1 7	1.8 11.8	0.4 0.5				
				3	6	0.7				
				1	0.1	0				
				1	0.1	0.3				
				1	0.1	0.1				
				3	0.4	0.5				
				1	0.1	0.1				
				1	0.2	1				
				5	0.7	0.4				
Production	51-4041	Machinists**	649	10	1.5	1.1	\$37,522	High school diploma or equivalent	None	Long term on-the-job training
				12	0.7	0.8				
				228	35.1	10.2				
				108	16.6	7				
				19	3	1.4				
				10	1.6	2.2				
				78	12	3.6				
				3	0.5	0.6				
				18	2.7	2.3				
				6	10.1	1.3				
				3	5.5	1.1				
				16	27	1.3				
				9	16.3	1.2				
Production	51-4081	Multiple Machine Tool Setters & Operators**	58	3	1.8	0.1	\$39,952	High school diploma or equivalent	None	Moderate term on-the-job training
				12	20.6	1.1				
				2	2.6	0.5				
				3	5.5	0.8				
				1	0.3	0.3				
				1	0.2	0.1				
				3	1	0.9				
				5	1.9	2				
				64	24.3	6.2				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	262	35	13.2	4.9	\$35,479	High school diploma or equivalent	Less than 1 year	Moderate term on-the-job training
				4	1.6	0.6				
				3	1.1	1.3				
				33	12.5	3.3				
				2	0.9	1				
				2	0.8	0.6				
				1	1.1	0.2				
				27	29.1	1.2				
				18	20	1.3				
				1	1.2	0.1				
				3	3.2	0.6				
				25	27	1.2				
				2	1.8	0.3				
				2	2.4	0.3				
				1	0.6	1.1				
				1	0.5	1				
Production	51-5112	Printing Press Operators & Job Printers**	141	12	8.5	4.2	\$40,042	High school diploma or equivalent	None	Moderate term on-the-job training
				78	55.5	21.9				
				4	3	0.9				
				1	0.9	0.3				
				1	1.7	0.2				
				2	3.4	1.1				
				48	94.5	4.2				
Manufacturing/Production Process Development	51-8091	Chemical Plant & System Operators**	52	1	1	0	\$55,723	High school diploma or equivalent	None	Long term on-the-job training
				2	2	0.3				
				3	2.5	1.3				
Production	51-9011	Chemical Equipment Operators/Tenders	118	94	79.3	5.6	\$45,901			
				5	4.4	0.4				
				1	1.1	0.2				
				1	0.9	0				
				1	0.5	0				
				18	15	1.2				
				2	1.8	1.1				
				1	0.5	0.7				
				2	2	0.7				
				4	3	3.4				
				51	42.5	6.7				
				7	6	1.2				
				13	10.5	3				
				1	0.7	0.1				
				1	0.6	0				
				1	0.7	0.2				
				6	8.8	0.4				
				1	1.5	0.6				
				1	1.9	0.3				
ATTACHMENT M - Regional Data										
Production	51-9023	Mix/Blend Machine Setters, Operators & Tenders	121	51	42.5	6.7	\$34,186	High school diploma or equivalent	None	Moderate term on-the-job training
				7	6	1.2				
				13	10.5	3				
				1	0.7	0.1				
				1	0.6	0				
				1	0.7	0.2				
				6	8.8	0.4				
				1	1.5	0.6				
				1	1.9	0.3				

Production	51-9041	Extruding/Forming/Compacting Machine Operators	64	3 7 19 15 1 1 1 3	4.1 10.6 29.9 23.2 1.7 1.6 0.9 4.5	0.8 1 3.4 3.9 0.3 0.1 0.2 0	\$35,023	High school diploma or equivalent	None	Moderate term on-the-job training
Manufacturing/Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	454	30 3 4 2 2 6 5 4 1 22 25 8 10 40 21 25 9 45 5 13	6.6 0.7 0.9 0.4 0.4 1.3 1.1 0.9 0.3 4.8 5.6 1.8 2.3 8.9 4.7 5.4 2 10 1 2.9	2.2 1.9 4.6 2.4 2.9 1.7 1.6 1.1 1.2 3.2 4.7 2.1 3.2 2.9 2.3 2.8 3 3.4 1.3 2.7	\$34,512	High school diploma or equivalent	None	Moderate term on-the-job training
Production	51-9111	Packaging & Filling Machine Operators & Tenders	420	15 5 3 7 2 1 2 50	3.6 1.3 0.6 1.6 0.4 0.3 0.4 11.8	2.2 1.2 0.6 0.4 0.1 0.4 1.5 6	\$23,403	High school diploma or equivalent	None	Moderate term on-the-job training
Production	51-9199	Production Workers, All Other	570	62 2 1 1 1 1 10 14 5	10.9 0.3 0.1 0.1 0.1 0.2 2.1 2.4 0.9	2 0.5 0.4 0.4 0.2 2.1 1.1 1.8 0.5	\$31,298	High school diploma or equivalent	None	Moderate term on-the-job training

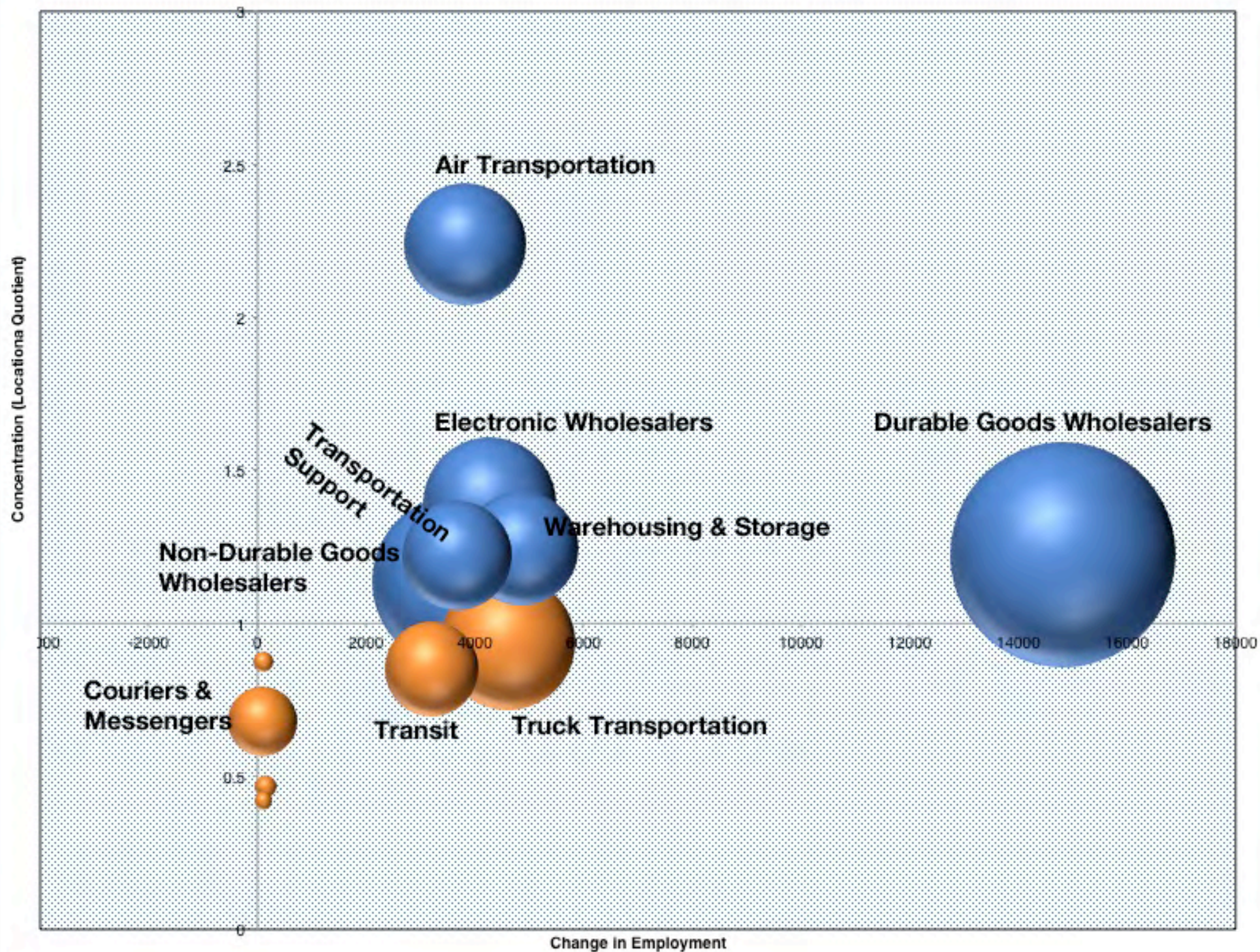
## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEASTERN REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	113,964	128,791	14,827	13.0%	1.22	Leading
424	Merchant Wholesalers, Nondurable Goods	73,360	77,081	3,721	5.1%	1.14	Leading
425	Wholesale Electronic Markets and Agents and Brokers	40,097	44,374	4,277	10.7%	1.39	Leading
481	Air Transportation	33,885	37,695	3,810	11.2%	2.24	Leading
483	Water Transportation	1,024	1,166	142	13.9%	0.47	Emerging
484	Truck Transportation	41,410	46,003	4,593	11.1%	0.94	Emerging
485	Transit and Ground Passenger Transportation	19,062	22,262	3,200	16.8%	0.85	Emerging
486	Pipeline Transportation	617	723	106	17.2%	0.42	Emerging
487	Scenic and Sightseeing Transportation	855	955	100	11.7%	0.87	Emerging
488	Support Activities for Transportation	26,346	30,024	3,678	14.0%	1.22	Leading
492	Couriers and Messengers	11,811	11,909	98	0.8%	0.68	Emerging
493	Warehousing and Storage	28,048	32,914	4,866	17.3%	1.24	Leading



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

## LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEASTERN REGION





TRANSPORTATION, DISTRIBUTION & LOGISTICS						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION						
	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	11-3061	Purchasing Managers**	78	5
424	Merchant Wholesalers, Nondurable Goods					4
425	Wholesale Electronic Markets and Agents and Brokers					1
423	Merchant Wholesalers, Durable Goods					7
424	Merchant Wholesalers, Nondurable Goods					10
425	Wholesale Electronic Markets and Agents and Brokers	Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Managers**	120	2
481	Air Transportation					3
482	Rail Transportation					5
483	Water Transportation					12
484	Truck Transportation					1
485	Transit and Ground Passenger Transportation	Logistics Planning and Management Services	13-1081	Logisticians**	101	1
488	Support Activities for Transportation					1
492	Couriers and Messengers					2
493	Warehousing and Storage					1
494	Truck Transportation					2
423	Merchant Wholesalers, Nondurable Goods	Health, Safety and Environmental Management	13-1041	Compliance Officers**	94	1
424	Merchant Wholesalers, Durable Goods					1
423	Merchant Wholesalers, Durable Goods					4
424	Merchant Wholesalers, Nondurable Goods					2
425	Wholesale Electronic Markets and Agents and Brokers					1
481	Air Transportation	Warehousing and Distribution Center Operations	17-2112	Industrial Engineers (Supply Chain Engineer)	184	1
482	Rail Transportation					1
484	Truck Transportation					1
485	Transit and Ground Passenger Transportation					1
488	Support Activities for Transportation					1
492	Couriers and Messengers	Transportation Systems/Infrastructure Planning, Mgt. and Design	17-3023	Electrical & Electronic Engineering Technicians**	89	5
493	Warehousing and Storage					1
481	Air Transportation					27
482	Rail Transportation					17
484	Truck Transportation					9
485	Transit and Ground Passenger Transportation	Logistics Planning and Management Services	43-1011	1st-Line Supervisors/Mgrs. Office & Admin. Support Whvs**	1,086	7
488	Support Activities for Transportation					2
492	Couriers and Messengers					11
493	Warehousing and Storage					7
481	Air Transportation					8
482	Rail Transportation	Sales and Service	43-4181	Reservation/Trans. Ticket Agents & Travel Clerks	65	38
484	Truck Transportation					1
485	Transit and Ground Passenger Transportation					1
488	Support Activities for Transportation					3
492	Couriers and Messengers					3
423	Merchant Wholesalers, Durable Goods	Sales and Service	43-5011	Cargo & Freight Agents (Route Planners)	226	1
424	Merchant Wholesalers, Nondurable Goods					1
425	Wholesale Electronic Markets and Agents and Brokers					1
481	Air Transportation					21
482	Rail Transportation					1
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	207	3
485	Transit and Ground Passenger Transportation					3
488	Support Activities for Transportation					37
492	Couriers and Messengers					16
493	Warehousing and Storage					16
42	Wholesale Trade	Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	201	2
423	Merchant Wholesalers, Durable Goods					6
424	Merchant Wholesalers, Nondurable Goods					17
425	Wholesale Electronic Markets and Agents and Brokers					8
481	Air Transportation					6
482	Rail Transportation	Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	201	2
484	Truck Transportation					1
488	Support Activities for Transportation					3
492	Couriers and Messengers					1
493	Warehousing and Storage					4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	682	92
424	Merchant Wholesalers, Nondurable Goods					135
425	Wholesale Electronic Markets and Agents and Brokers					53
481	Air Transportation					18
482	Rail Transportation					1
484	Truck Transportation	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	682	1
488	Support Activities for Transportation					6
492	Couriers and Messengers					12
493	Warehousing and Storage					18
423	Merchant Wholesalers, Durable Goods					12

## ATTACHMENT M - Regional Data

492	Couriers and Messengers				34	5	7.2
493	Warehousing and Storage				32	4.7	4.1
423	Merchant Wholesalers, Durable Goods				1	0.7	0
481	Air Transportation				22	23.7	7.3
488	Support Activities for Transportation				32	34.7	6.3
492	Couriers and Messengers				3	3.6	0.9
423	Merchant Wholesalers, Durable Goods				2	1.5	0.1
425	Wholesale Electronic Markets and Agents and Brokers				1	0.6	0.1
484	Truck Transportation				1	0.5	0.1
424	Merchant Wholesalers, Durable Goods				11	1.7	0.4
424	Merchant Wholesalers, Nondurable Goods				1	0.1	0
425	Wholesale Electronic Markets and Agents and Brokers				2	0.3	0.2
484	Truck Transportation				3	0.5	0.2
488	Support Activities for Transportation				3	0.4	0.6
492	Couriers and Messengers				5	0.8	0.9
493	Warehousing and Storage				1	0.2	0.3
423	Merchant Wholesalers, Durable Goods				1	0.1	0.1
424	Merchant Wholesalers, Nondurable Goods				21	10.6	1
425	Wholesale Electronic Markets and Agents and Brokers				5	2.4	0.3
481	Air Transportation				1	0.7	0.2
482	Rail Transportation				1	0.3	0.2
484	Truck Transportation				2	0.9	1.2
485	Transit and Ground Passenger Transportation				37	18.6	3.5
488	Support Activities for Transportation				10	5	2.6
492	Couriers and Messengers				3	1.6	0.6
493	Warehousing and Storage				4	1.8	1
482	Rail Transportation				2	0.8	0.3
488	Support Activities for Transportation				28	53.5	5.2
423	Merchant Wholesalers, Durable Goods				15	28.3	0.9
484	Truck Transportation				2	2.5	0.1
423	Merchant Wholesalers, Durable Goods				1	1.3	0.1
423	Merchant Wholesalers, Durable Goods				8	2.7	0.5
424	Merchant Wholesalers, Nondurable Goods				4	1.5	0.4
425	Wholesale Electronic Markets and Agents and Brokers				1	0.4	0.2
486	Pipeline Transportation				1	0.2	3.9
488	Support Activities for Transportation				1	0.3	0.3
493	Warehousing and Storage				1	0.5	0.4
423	Merchant Wholesalers, Durable Goods				20	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods				23	9.9	0.9
425	Wholesale Electronic Markets and Agents and Brokers				4	1.6	0.3
481	Air Transportation				1	0.4	0.2
484	Truck Transportation				11	4.9	0.6
488	Support Activities for Transportation				8	3.5	0.9
492	Couriers and Messengers				22	9.6	3.6
493	Warehousing and Storage				32	13.7	3.2
42	Wholesale Trade				18	14.5	0.5
423	Merchant Wholesalers, Durable Goods				6	4.7	0.3
424	Merchant Wholesalers, Nondurable Goods				11	8.9	0.9
425	Wholesale Electronic Markets and Agents and Brokers				1	1	0.2
481	Air Transportation				1	0.9	0.5
482	Rail Transportation				2	1.4	1.4
484	Truck Transportation				18	14.6	2.2
485	Transit and Ground Passenger Transportation				6	4.6	1.9
488	Support Activities for Transportation				5	4.1	1.3
492	Couriers and Messengers				6	4.6	2
493	Warehousing and Storage				6	4.7	1.3
481	Air Transportation				231	86.5	13.2
488	Support Activities for Transportation				3	1.2	0.1
481	Air Transportation				285	98.2	19.1
488	Support Activities for Transportation				1	0.5	0.1
485	Transit and Ground Passenger Transportation				83	42.3	15.1
487	Seismic and Lightening Transportation				5	2.8	16.4
485	Transit and Ground Passenger Transportation				189	41.2	41.1
423	Merchant Wholesalers, Durable Goods				41	3.2	2
424	Merchant Wholesalers, Nondurable Goods				100	7.9	7.3
425	Wholesale Electronic Markets and Agents and Brokers				6	0.5	0.8
484	Truck Transportation				588	46.3	59.7
486	Pipeline Transportation				1	0.1	2.8
488	Support Activities for Transportation				39	3.1	8.5
492	Couriers and Messengers				19	1.5	5.6
493	Warehousing and Storage				28	2.2	5.3
423	Merchant Wholesalers, Durable Goods				58	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods				53	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers				12	1.8	1.4
482	Rail Transportation				1	0.1	0.5
484	Truck Transportation				42	6.1	3.6
488	Support Activities for Transportation				8	1.2	1.5
492	Couriers and Messengers				118	17.1	30.5
493	Warehousing and Storage				13	1.9	2.1
482	Rail Transportation				57	90.1	17.3
488	Support Activities for Transportation				1	1.3	0.1

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

NAICS	SOC Code	SOC Title	Average Annual Job Openings in the Region	Annual Occupational Openings	2022 Percent Annual Change	2022 Percent Annual Change	Median Annual Wage	Education Entry level	Experience Entry level	Training Entry level
				5	5.2	0.1				
Logistics Planning and Management Services	11-3001	Purchasing Manager**	78	4	4.6	0.2	\$95,907	Bachelor's degree	More than 5 year	None
Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Manager**	120	7	6.2	0.2	\$81,823	High school diploma or equivalent	More than 5 year	None
				10	8.6	0.5				
				2	1.4	0.1				
				3	2.2	0.6				
				5	3.8	1.9				
				1	0.5	0.7				
				12	10	0.7				
				1	1.2	0.3				
				6	5.2	0.8				
				4	3.1	0.7				
Health, Safety and Environmental Management	13-3041	Compliance Officer**	94	1	1	0.1	\$77,236	Bachelor's degree	None	Moderate-term on-the-job training
Logistics Planning and Management Services	13-3081	Logistics**	101	4	3.6	0.2	\$65,953	Bachelor's degree	1 to 5 years	None
				1	1.2	0.2				
				1	0.6	0.2				
				1	1.2	0.1				
				2	1.6	0.3				
				1	0.5	0.1				
				2	2.1	0.4				
				3	1.8	0.1				
				1	0.5	0.1				
				1	0.3	0.1				
Warehousing and Distribution Center Operations	17-3112	Industrial Engineer (Supply Chain Engineer)	184	1	0.3	0.1	\$77,536	Bachelor's degree	None	None
Transportation System/Infrastructure Planning, Mgt. & 17-3023		Electrical & Electronic Engineering Technicians**	89	1	0.7	0.1	\$60,196	Associate's degree	None	None
				5	5.2	0.3				
				27	2.5	1.3				
				17	1.6	1.2				
				9	0.8	1.2				
				7	0.6	2.3				
				1	0.1	0.5				
				7	0.6	0.6				
				2	0.2	0.6				
				11	1	2.3				
Sales and Service	43-4181	Reservation/Traffic Ticket Agents & Travel Clerks	65	38	58.2	17.2	\$40,914	High school diploma or equivalent	None	Short-term on-the-job training
				1	0.9	1.5				
				1	1	3.9				
				3	4.9	0.9				
				1	0.4	0				
				1	0.3	0				
				21	9.5	2.1				
				1	0.3	0.1				
				3	1.2	1.5				
				19	8.3	0.5				
Transportation Operators	43-5011	Dispatcher**	207	144	68.6	8.4	\$45,745	High school diploma or equivalent	None	Short-term on-the-job training
				17	7.6	1.4				
				5	2.1	0.2				
				6	2.9	0.2				
				4	1.9	0.2				
				1	0.4	0.1				
				2	0.8	0.4				
				2	1.2	0.3				
				37	17.9	2.6				
				16	7.8	3.2				
Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	201	6	3.1	1.3	\$46,716	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	1.2	0.3				
				1	0.7	0.1				
				3	1.4	0.6				
				1	0.5	0.3				
				4	2.1	0.8				
				92	13.5	3.2				
				53	7.8	2.7				
				18	2.7	1.7				
				1	0.1	0.2				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	682	1	0.1	0.5	\$39,693	High school diploma or equivalent	None	Short-term on-the-job training
				6	0.6	0.4				
				12	1.8	1.8				
				34	5	7.2				
				32	4.7	4.1				
				1	0.7	0				
				22	23.7	7.3				
				32	34.7	6.3				
				3	3.6	0.9				
				2	1.5	0.1				
Facility and Mobile Equipment Maintenance	49-3011	Aircraft Mechanics & Service Technicians	91	3	0.4	0.1	\$67,122	Postsecondary non-degree award	None	None
				1	0.5	0.1				
				11	1.7	0.4				
				1	0.1	0				
				2	0.3	0.2				
				3	0.5	0.2				
				3	0.4	0.9				
				5	0.8	0.9				
				1	0.2	0.3				
				1	0.1	0.1				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	667	21	10.6	1	\$41,509	High school diploma or equivalent	None	Long-term on-the-job training
				5	2.4	0.3				
				1	0.7	0.2				
				1	0.3	0.2				
				3	0.9	1.2				
				37	18.6	3.5				
				10	5	2.6				
				3	1.6	0.6				
				1	0.1	0.1				
				2	0.8	0.2				

**ATTACHMENT M - Regional Data**

			4	1.8	1			
Facility and Mobile Equipment Maintenance	49-3043	Rail Car Repairers	28	0.8	0.3			Long term on-the-job training
Facility and Mobile Equipment Maintenance	49-3093	Tire Repairers & Changers	52	28.3	0.9			Moderate term on-the-job training
			99	2	0.1			
			1	1.3	0.1			
Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs./Mgrs./Prod/Operating Workers**	292	1	0.4	0.2	Postsecondary non-degree award	
			1	0.2	3.9			
			1	0.3	0.3			
			1	0.5	0.4			
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs./Mgrs. Helpers & Laborers	232	8	0.9			
			20	8.6	0.5			
			23	9.9	0.9			
			4	1.6	0.3			
			1	0.4	0.2			
			11	4.9	0.6			
			8	3.5	0.9			
			32	9.6	3.6			
			33	13.3	3.2			
Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs./Mgrs. Trans. Machine Operators**	122	2	1.4	1.4	High school diploma or equivalent	
			18	14.6	2.2			
			6	4.6	1.9			
			5	4.1	1.3			
			6	4.6	2			
			6	4.7	1.3			
Transportation Operators	53-2011	Airline Pilots, Copilots, Flight Engineers	267	23.2	13.2			
			3	3.3	0.1			
Transportation Operators	53-2031	Flight Attendants	285	88.2	19.1			
			1	0.5	0.1			
Transportation Operators	53-3021	Bus Drivers, Transit & Intercity	196	83	42.3	15.1	High school diploma or equivalent	
			5	2.8	16.4			
Transportation Operators	53-3022	School Bus Drivers	459	189	41.2	41.1	High school diploma or equivalent	
			41	3.2	2			
			100	7.9	7.3			
			6	0.5	0.8			
			388	46.3	59.7			
Transportation Operators	53-3032	Truck Drivers, Heavy & Tractor Trailer**	1,270	1	0.1	2.8	High school diploma or equivalent	
			39	3.1	8.5			
			19	1.5	5.6			
			38	2.3	5.3			
			56	8.4	2.9			
			53	7.6	3.2			
			12	1.8	1.4			
Transportation Operators	53-3033	Truck Drivers, Light & Delivery Services	692	1	0.1	0.5	High school diploma or equivalent	
			42	6.1	3.6			
			116	17.1	30.5			
			13	1.9	2.1			
Transportation Operators	53-4031	Railroad Conductors & Yardmasters	63	57	90.1	17.3	High school diploma or equivalent	
			1	1.3	0.1			

## ATTACHMENT M - Regional Data



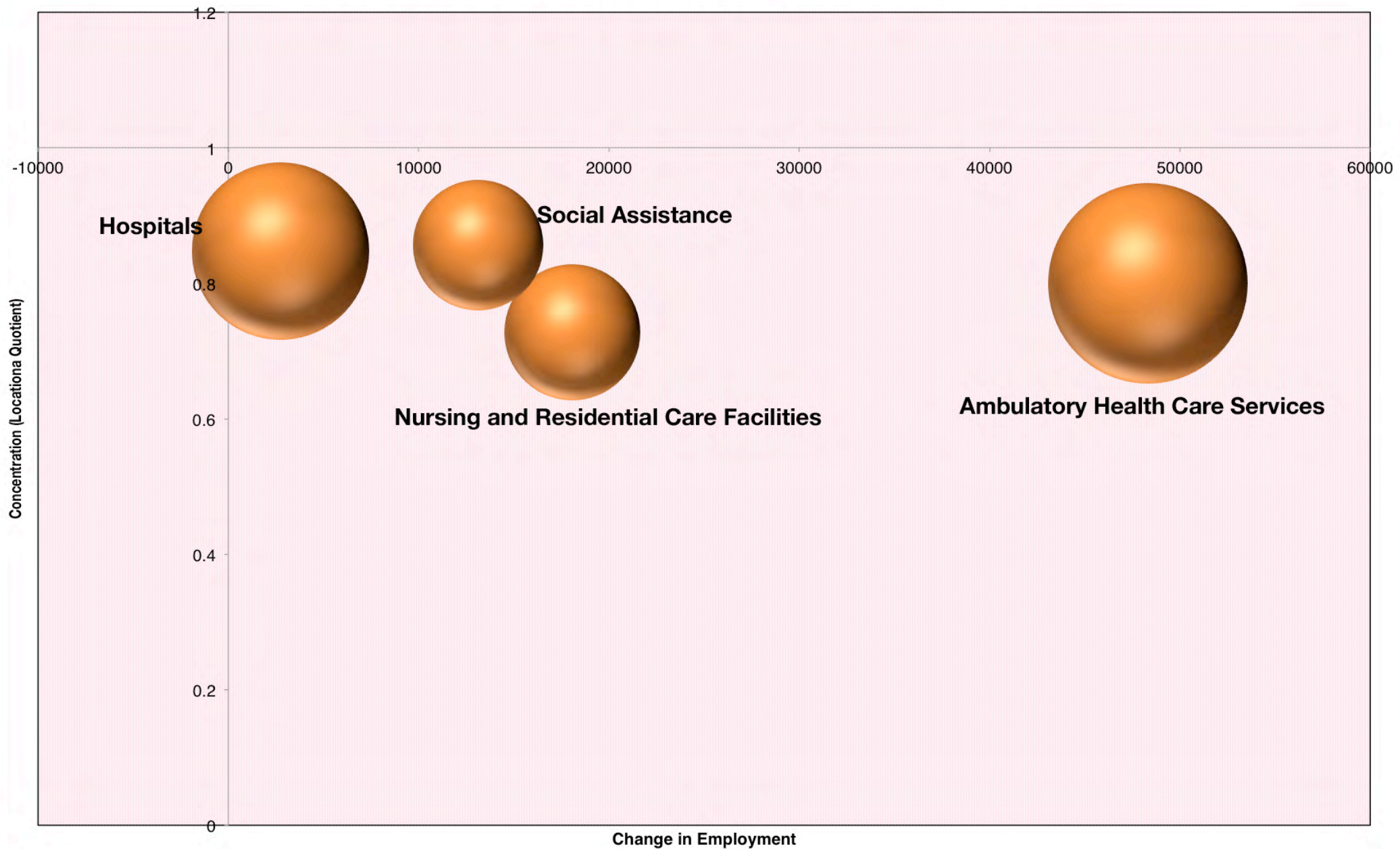
## HEALTH CARE

### LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEAST REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	169,318	217,633	48,315	28.5%	0.80	Emerging
622	Hospitals	168,462	171,202	2,740	1.6%	0.85	Emerging
623	Nursing and Residential Care Facilities	81,533	99,606	18,073	22.2%	0.73	Emerging
624	Social Assistance	79,503	92,619	13,116	16.5%	0.86	Emerging

## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEAST REGION



HEALTH CARE  
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEASTERN REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual	2022 Percent	2022 Percent
						Percent of Occupation in this Industry	of Occupation in this Industry	of Employment in this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	281	17	5.9	0.2
622	Hospitals					17	6	0.3
623	Nursing and Residential Care Facilities					7	2.5	0.2
624	Social Assistance					5	1.7	0.2
622	Hospitals	Support Services	11-9051	Food Service Managers**	176	1	0.6	0
623	Nursing and Residential Care Facilities					4	2.2	0.2
624	Social Assistance					1	0.3	0
621	Ambulatory Health Care Services					90	30	1.3
622	Hospitals	Health Informatics	11-9111	Medical & Health Services Managers	299	109	36.4	2.1
623	Nursing and Residential Care Facilities					32	10.8	1.1
624	Social Assistance					6	1.9	0.2
621	Ambulatory Health Care Services	Support Services	21-1011	Substance Abuse/Bhvrl Dsrdr Counslrs**	58	17	29.1	0.4
622	Hospitals					5	8.4	0.1
623	Nursing and Residential Care Facilities					13	22	0.7
624	Social Assistance					9	15.1	0.5
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors**	135	41	30.4	0.6
622	Hospitals					14	10	0.3
623	Nursing and Residential Care Facilities					24	17.6	0.7
624	Social Assistance					27	20.1	0.9
622	Hospitals	Support Services	21-1015	Rehabilitation Counselors	84	2	2.8	0.1
624	Social Assistance					38	45.7	1.8
621	Ambulatory Health Care Services					27	25.1	0.5
622	Hospitals	Support Services	21-1093	Social & Human Services Assistants**	263	30	28.4	0.8
623	Nursing and Residential Care Facilities					16	15.1	0.7
624	Social Assistance					15	14.6	0.7
621	Ambulatory Health Care Services					21	8	0.4
622	Hospitals	Support Services	21-1099	Community/Social Services Specialists, All Other	115	8	3.1	0.2
623	Nursing and Residential Care Facilities					45	17.1	2
624	Social Assistance					107	40.7	5.1
621	Ambulatory Health Care Services	Support Services	21-1094	Community Health Workers	55	10	18.3	0.1
622	Hospitals					4	7.7	0.1
623	Nursing and Residential Care Facilities					3	5.7	0.1
624	Social Assistance					16	28.7	0.4
621	Ambulatory Health Care Services	Therapeutic Services	29-1011	Chiropractors	66	46	69.4	0.4
622	Hospitals					1	0.8	0
621	Ambulatory Health Care Services	Therapeutic Services	29-1041	Optometrists	69	53	76.3	0.4
622	Hospitals					1	0.9	0
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	250	11	4.2	0.2
622	Hospitals					63	25.3	1.3
623	Nursing and Residential Care Facilities					1	0.2	0
621	Ambulatory Health Care Services	Therapeutic Services	29-1071	Physician Assistants	73	52	71.4	1
622	Hospitals					14	19.6	0.4
621	Ambulatory Health Care Services	Therapeutic Services	29-1122	Occupational Therapists	109	43	39.9	0.7
622	Hospitals					29	26.2	0.6
623	Nursing and Residential Care Facilities					10	9	0.3
624	Social Assistance					4	3.9	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	399	225	56.3	1.8
622	Hospitals					100	25	1
623	Nursing and Residential Care Facilities					27	6.7	0.5
624	Social Assistance					5	1.2	0.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1126	Respiratory Therapists	61	5	7.6	0.1
622	Hospitals					49	79.8	1.7
623	Nursing and Residential Care Facilities					3	4.1	0.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	163	46	28.4	0.5
622	Hospitals					22	13.6	0.3
623	Nursing and Residential Care Facilities					8	4.9	0.2
624	Social Assistance					7	4.2	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	2400	482	20.1	7.4
622	Hospitals					1,421	59.2	28.9
623	Nursing and Residential Care Facilities					168	7	5.8
624	Social Assistance					22	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	109	68	62	1
622	Hospitals					28	25.4	0.6
623	Nursing and Residential Care Facilities					3	2.4	0.1
624	Social Assistance					1	0.8	0

ATTACHMENT M Regional Data

ATTACHMENT M - Regional Data

621	Ambulatory Health Care Services	Diagnostic Services	29-2011	Med & Clinical Lab Technologists	101	33	32.3	0.7				
622	Hospitals					58	57	1.6				
621	Ambulatory Health Care Services					79	44.3	1.1				
622	Hospitals	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	178	74	41.4	1.3				
623	Nursing and Residential Care Facilities					1	0.5	0				
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	209	204	97.4	2.8				
622	Hospitals					1	0.3	0				
621	Ambulatory Health Care Services	Diagnostic Services	29-2032	Diagnostic Medical Sonographers	65	26	39.9	0.4				
622	Hospitals					36	55.8	0.7				
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	113	41	36.7	1				
622	Hospitals					64	56.9	2.1				
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	326	179	55	1.8				
622	Hospitals					50	15.2	0.7				
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	301	11	3.5	0.2				
622	Hospitals					49	16.2	1				
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2052	Pharmacy Technicians	301	1	0.2	0				
621	Ambulatory Health Care Services					Therapeutic Services	29-2061	Licensed Practical Nurses	710	205	28.9	3
622	Hospitals									116	16.3	2.3
623	Nursing and Residential Care Facilities	278	39.1	9.1								
624	Social Assistance	Health Informatics	29-2071	Med Records & Health Info Technicians	206	10	1.4	0.4				
621	Ambulatory Health Care Services					73	35.4	0.9				
622	Hospitals					77	37.6	1.3				
623	Nursing and Residential Care Facilities	Health Informatics	29-2071	Med Records & Health Info Technicians	206	18	8.9	0.5				
624	Social Assistance					1	0.4	0				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	69	53.4	0.5
622	Hospitals	69	53.4	0.5								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					1	0.4	0
622	Hospitals					1	0.4	0				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	20	30.3	0.1
622	Hospitals	20	30.3	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					1	0.4	0
622	Hospitals					1	0.4	0				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	20	30.3	0.1
622	Hospitals	20	30.3	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8	12.6	0.1
622	Hospitals	8	12.6	0.1								
621	Ambulatory Health Care Services	Health Informatics	29-2081	Opticians, Dispensing	129					8	12.6	0.1
622	Hospitals					8	12.6	0.1				
621	Ambulatory Health Care Services					Health Informatics	29-2081	Opticians, Dispensing	129	8</		

## ATTACHMENT M - Regional Data

## HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEASTERN REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in this Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				17	5.9	0.2				
Health Informatics	11-3011	Administrative Services Managers **	281	17 7 5	6 2.5 1.7	0.3 0.2 0.2	\$70,845	High school diploma or equivalent	1 to 5 years	None
Support Services	11-9051	Food Service Managers**	176	1 4 1	0.6 2.2 0.3	0 0.2 0	\$48,164	High school diploma or equivalent	1 to 5 years	None
Health Informatics	11-9111	Medical & Health Services Managers	299	109 32 6 17	36.4 10.8 1.9 29.1	2.1 1.1 0.2 0.4	\$100,758	Bachelor's degree	None	None
Support Services	21-1011	Substance Abuse/Bhwt Dsrdr Counsls**	58	5 13 9	8.4 22 15.1	0.1 0.7 0.5	\$33,954	High school diploma or equivalent	None	Moderate-term on-the-job training
Support Services	21-1014	Mental Health Counselors**	135	14 24 27	10 17.6 20.1	0.3 0.7 0.9	\$39,378	Master's degree	None	Internship/residency
Support Services	21-1015	Rehabilitation Counselors	84	2 38 27	2.8 45.7 25.1	0.1 1.8 0.5	\$34,975	Master's degree	None	None
Support Services	21-1022	Medical Health Social Workers	106	30 16 15 21	28.4 15.1 14.6 8	0.8 0.7 0.7 0.4	\$53,590	Master's degree	None	None
Support Services	21-1093	Social & Human Services Assistants**	263	8 45 107	3.1 17.1 40.7	0.2 2 5.1	\$30,257	High school diploma or equivalent	None	Short-term on-the-job training
Support Services	21-1094	Community Health Workers	55	4 3 16	7.7 5.7 28.7	0.1 0.1 0.4	\$35,788	High school diploma or equivalent	None	Short-term on-the-job training
Support Services	21-1099	Community/Social Services Specialists, All Other	115	4 4 30	3.2 3.8 25.9	0.1 0.1 0.9	\$37,798	Master's degree	None	None
Therapeutic Services	29-1011	Chiropractors	66	46 1	69.4 0.8	0.4 0	\$50,005	Doctoral or professional degree	None	None
Therapeutic Services	29-1041	Optometrists	69	53 1	76.3 0.9	0.4 0	\$90,843	Doctoral or professional degree	None	None
Therapeutic Services	29-1051	Pharmacists	250	11 63 1	4.2 25.3 0.2	0.2 1.3 0	\$121,701	Doctoral or professional degree	None	None
Therapeutic Services	29-1071	Physician Assistants	73	52 14 43	71.4 19.6 39.9	1 0.4 0.7	\$86,551	Master's degree	None	None
Therapeutic Services	29-1122	Occupational Therapists	109	29 10 4	26.2 9 3.9	0.6 0.3 0.2	\$80,670	Master's degree	None	None
Therapeutic Services	29-1123	Physical Therapists	399	225 100 27 5	56.3 25 6.7 1.2	1.8 1 0.5 0.1	\$80,679	Doctoral or professional degree	None	None
Therapeutic Services	29-1126	Respiratory Therapists	61	5 49 3	7.6 79.8 4.1	0.1 1.7 0.1	\$56,178	Associate's degree	None	None
Therapeutic Services	29-1127	Speech-Language Pathologists	163	46 22 8	28.4 13.6 4.9	0.5 0.3 0.2	\$72,907	Master's degree	None	None
Therapeutic Services	29-1141	Registered Nurses	2400	482 1,421 168 22	20.1 59.2 7 0.9	7.4 28.9 5.8 0.8	\$71,914	Associate's or bachelor's degree	None	None
Therapeutic Services	29-1171	Nurse Practitioners	109	68 28 3 1	62 25.4 2.4 0.8	1 0.6 0.1 0	\$92,698	Master's degree	None	None
Therapeutic Services	29-2011	Med & Clinical Lab Technologists	101	33 58 79	32.3 57 44.3	0.7 1.6 1.1	\$59,681	Bachelor's degree	None	None
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	178	1 74 204	0.5 41.4 97.4	0 1.3 2.8	\$42,546	Associate's degree	None	None
Therapeutic Services	29-2021	Dental Hygienists	209	1	0.3	0	\$73,703	Associate's degree	None	None

## ATTACHMENT M - Regional Data



Diagnostic Services	29-2032	Diagnostic Medical Sonographers	65	26	39.9	0.4	\$76,570	Associate's degree	None	None
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	113	41	36.7	1	\$62,511	Associate's degree	None	None
				64	56.9	2.1				
				179	55	1.8				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	326	50	15.2	0.7	\$52,893	Postsecondary non-degree award	None	None
Therapeutic Services	29-2052	Pharmacy Technicians	301	11	3.5	0.2	\$28,119	High school diploma or equivalent	None	Moderate-term on-the-job training
				49	16.2	1				
				1	0.2	0				
Therapeutic Services	29-2061	Licensed Practical Nurses	710	205	28.9	3	\$48,251	Postsecondary non-degree award	None	None
				116	16.3	2.3				
				278	39.1	9.1				
Health Informatics	29-2071	Med Records & Health Info Technicians	206	10	1.4	0.4	\$37,419	Postsecondary non-degree award	None	None
				73	35.4	0.9				
				77	37.6	1.3				
Health Informatics	29-2081	Opticians, Dispensing	129	18	8.9	0.5	\$33,556	High school diploma or equivalent	None	Long-term on-the-job training
				1	0.4	0				
				1	0.4	0				
Health Informatics	29-9091	Athletic Trainers**	67	20	30.3	0.1	\$42,663	Bachelor's degree	None	None
				20	30.3	0.1				
				8	12.6	0.1				
Therapeutic Services	31-1014	Nursing Assistants	1491	8	12.6	0.1	\$24,449	Postsecondary non-degree award	None	None
				134	9	1.8				
				364	24.4	6.6				
Therapeutic Services	31-2011	Occupational Therapist Assistants	61	804	53.9	24.4	\$61,757	Associate's degree	None	None
				31	50.8	0.2				
				11	17.8	0.1				
Therapeutic Services	31-2021	Physical Therapist Assistants	119	13	20.5	0.2	\$55,267	Associate's degree	None	None
				2	3.1	0				
				73	61.2	0.7				
Therapeutic Services	31-2022	Physical Therapist Aides	106	27	22.9	0.3	\$26,292	High school diploma or equivalent	None	Moderate-term on-the-job training
				14	12.1	0.3				
				1	0.7	0				
Health Informatics	31-9011	Massage Therapists	152	72	67.9	0.5	\$26,951	Postsecondary non-degree award	None	None
				22	21	0.2				
				8	7.3	0.1				
Therapeutic Services	31-9091	Dental Assistants	247	37	24.6	0.5	\$37,044	Postsecondary non-degree award	None	None
				1	0.6	0				
				236	95.4	4.1				
Health Informatics	31-9092	Medical Assistants	481	2	0.7	0	\$31,227	High school diploma or equivalent	None	Moderate-term on-the-job training
				383	79.7	6.6				
				60	12.4	1.4				
Health Informatics	31-9097	Phlebotomists	66	10	2	0.4	\$34,874	Postsecondary non-degree award	None	None
				39	58.9	0.9				
				39	58.9	0.9				
Health Informatics	31-9099	Healthcare Support Workers, All Other	217	24	36.9	0.7	\$35,762	High school diploma or equivalent	None	Short-term on-the-job training
				49	22.5	0.3				
				74	33.9	0.6				
Support Services	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv ** USE EMP	877	18	8.5	0.3	\$27,939	High school diploma or equivalent	1 to 5 years	None
				3	1.6	0.1				
				11	1.2	0.2				
Health Informatics	43-3011	Bill and Account Collectors**	468	24	2.7	0.7	\$36,378	High school diploma or equivalent	None	Moderate-term on-the-job training
				55	11.8	0.6				
				22	4.6	0.3				
Health Informatics	43-4171	Receptionists & Information Clerks **	907	4	0.8	0.1	\$27,591	High school diploma or equivalent	None	Short-term on-the-job training
				1	0.2	0				
				368	40.6	5.3				
				34	3.7	0.6				
				26	2.9	0.8				
				18	2	0.6				

ATTACHMENT M - Regional Data

**INFORMATION TECHNOLOGY**  
**INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION**

SOC Code	SOC Title	Average Annual Pay Openings	MAICS	DESCRIPTION	Annual Occupational 2022 Percent of occupation	
15-1121	Computer Systems Analysts	574	522	Credit intermediation and related activities	24	4.1
			524	Insurance carriers and related activities	47	8.2
			551	Management of companies and enterprises	42	7.3
			611	Educational services, state, local, and private	26	4.5
			5241	Insurance carriers	42	7.4
15-1122	Information Security Analysts	64	5415	Computer systems design and related services	166	28.9
			5416	Management, scientific, and technical consulting services	22	3.9
			9992	State government, excluding education and hospitals	21	3.6
			522	Credit intermediation and related activities	5	8.3
			523	Securities, commodity contracts, and other financial investments and	3	4.4
			524	Insurance carriers and related activities	2	3.9
			551	Management of companies and enterprises	4	6.7
			5221	Depository credit intermediation	4	5.9
			5231	Securities and commodity contracts intermediation and brokerage	2	3.8
			5415	Computer systems design and related services	21	32.1
15-1131	Computer Programmers	718	5416	Management, scientific, and technical consulting services	4	6.3
			524	Insurance carriers and related activities	26	3.6
			551	Management of companies and enterprises	25	3.5
			5112	Software publishers	39	5.4
			5415	Computer systems design and related services	292	40.6
15-1132	Software Developers, Applications	812	5613	Employment services	28	3.9
			334	Computer and electronic product manufacturing	28	3.5
			524	Insurance carriers and related activities	42	5.2
			551	Management of companies and enterprises	35	4.3
			5112	Software publishers	65	8.0
15-1133	Software Developers, Systems Software	467	5241	Insurance carriers	36	4.4
			5415	Computer systems design and related services	316	38.9
			5416	Management, scientific, and technical consulting services	33	4.1
			344	Computer and electronic product manufacturing	50	10.8
			423	Merchant wholesalers, durable goods	17	3.7
15-1134	Web Developers	110	5112	Software publishers	32	6.9
			5413	Architectural, engineering, and related services	21	4.5
			5415	Computer systems design and related services	177	37.8
			5416	Management, scientific, and technical consulting services	23	4.9
			5417	Scientific research and development services	16	3.5
15-1141	Database Administrators	120	519	Other information services	6	5.7
			611	Educational services, state, local, and private	6	5.2
			813	Religious, grantmaking, civic, professional, and similar organizations	5	4.8
			5415	Computer systems design and related services	21	19.1
			5416	Management, scientific, and technical consulting services	5	4.1
15-1142	Network & Computer Sys. Administrators	284	522	Credit intermediation and related activities	5	3.9
			524	Insurance carriers and related activities	8	6.7
			551	Management of companies and enterprises	8	6.6
			611	Educational services, state, local, and private	11	8.8
			5241	Insurance carriers	6	5.4
15-1143	Computer Network Architects	129	5415	Computer systems design and related services	24	20.4
			5416	Management, scientific, and technical consulting services	5	4.4
			517	Telecommunications	11	3.9
			524	Insurance carriers and related activities	12	4.4
			551	Management of companies and enterprises	15	5.2
15-1151	Computer User Support Specialists	502	611	Educational services, state, local, and private	30	10.4
			5415	Computer systems design and related services	53	18.8
			5416	Management, scientific, and technical consulting services	10	3.5
			517	Telecommunications	12	9.4
			518	Data processing, hosting and related services	5	3.9
15-1152	Computer Network Support Specialists	103	524	Insurance carriers and related activities	7	5.1
			551	Management of companies and enterprises	6	4.9
			611	Educational services, state, local, and private	5	3.9
			5171	Wired telecommunications carriers	9	6.6
			5241	Insurance carriers	6	4.6
15-1152	Computer Network Support Specialists	103	5413	Architectural, engineering, and related services	5	3.5
			5415	Computer systems design and related services	41	31.8
			5416	Management, scientific, and technical consulting services	6	5.0
			423	Merchant wholesalers, durable goods	26	5.2
			517	Telecommunications	22	4.4
15-1152	Computer Network Support Specialists	103	551	Management of companies and enterprises	22	4.4
			611	Educational services, state, local, and private	64	12.7
			5112	Software publishers	22	4.3
			5415	Computer systems design and related services	123	24.6
			5613	Employment services	18	3.6
15-1152	Computer Network Support Specialists	103	423	Merchant wholesalers, durable goods	4	4.3
			517	Telecommunications	8	7.3
			551	Management of companies and enterprises	5	4.8
			611	Educational services, state, local, and private	7	7.0
			622	Hospitals, state, local, and private	4	3.7
15-1152	Computer Network Support Specialists	103	5171	Wired telecommunications carriers	5	5.1
			5415	Computer systems design and related services	26	25.2

# MANUFACTURING

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

Occupation	Program Code (CIP)	Program Title		FY 2014 Completers	Degree Type
Team Assemblers	No Related Program of Study for This Occupation				
Machinists** Computer-Controlled Machine Tool Operators**	48.0501	Machine Tool Technology			
	Community Colleges	College of Lake County	6	< 1Yr Cert	
			1	Associate	
			2	1-2 Yr Cert	
		Elgin CC	1	Associate	
		Kankakee CC	2	1-2 Yr Cert	
		Prairie State College	2	1-2 Yr Cert	
48.0503	Mach Shop Technology	No Programs in this EDR *			
Packaging & Filling Machine Operators & Tenders	No Related Program of Study for This Occupation				
Food Batchmakers	No Related Program of Study for This Occupation				
Software Developers, Systems Software **	11.0102	Artificial Intelligence	No Programs in this EDR *		
	11.0103	Information Technology			
	Community Colleges	CCC-Harold Washington College	4	Associate	
		CCC-Truman College	6	Associate	
		CCC-Kennedy-King College	4	Associate	
		CCC-Olive Harvey College	7	Associate	
		CCC-Daley College	3	Associate	
		CCC_Wright College	6	Associate	
		College of Lake County	3	Associate	
		Kankakee CC	1	Associate	
		Mchenry County College	6	Associate	
		Morton College	1	Associate	
		Oakton CC	2	Associate	
		Prairie State College	7	Associate	
		Public Universities	36	Masters	
		Northern IL University	36	Masters	

ATTACHMENT M - Regional Data

Independent Not For Profit Universities	DePaul University	24	Bachelor
	Elmhurst College	8	Bachelor
	IL Institute of Technology	24	Bachelor
	"	95	Masters
	Loyola University of Chicago	22	Masters
	Robert Morris of IL	32	Bachelor
	University of St. Francis	5	Bachelor
	American Intercontinental University Online	220	Bachelor
		102	Masters
	Sanford Brown-Chicago	3	Associate
Independent For Profit Universities		5	Bachelor
11.0102	Artificial Intelligence	No Programs in this EDR *	
11.0201	Computer Programming, General		
Community Colleges	Harper College	25	< 1 Yr Cert
	Joliet Junior College	10	Associate
	Kishwaukee College	1	< 1 Yr Cert
	McHenry County College	1	1-2 Yr Cert
	Moraine Valley CC	7	< 1 Yr Cert
	Oakton CC	1	Associate
	Prairie State College	3	< 1 Yr Cert
	Waubensee CC	4	< 1 Yr Cert
		3	< 1 Yr Cert
	DePaul University	42	Bachelor
Independent Not For Profit Universities		10	Masters
	University of Phoenix (AZ)	3	Bachelor
Out of State Universities			
11.0202	Computer Programming, Specific Applications		
Community	College of DuPage	22	< 1 Yr Cert
		5	Associate
		5	< 1 Yr Cert
	College of Lake County		

Calliana of Idaho County

Colleges:		College of Lake County		2	Associate
		McHenry County College	2	< 1 Yr Cert	
		Moraine Valley CC	11	< 1 Yr Cert	
	Independent Not For Profit Universities	DePaul University	1	Bachelor	
			12	Masters	
11.0401		Information Science/Studies			
Community Colleges	CCC-Washington College	27	< 1 Yr Cert		
	CCC-Truman College	32	< 1 Yr Cert		
		6	1-2 Yr Cert		
	CCC-Kennedy-King College	17	< 1 Yr Cert		
	CCC-Malcolm X College	3	< 1 Yr Cert		
	CCC-Olive-Harvey College	17	< 1 Yr Cert		
		6	1-2 Yr Cert		
	CCC-Daley College	25	< 1 Yr Cert		
	CCC-Wright College	39	< 1 Yr Cert		
		6	1-2 Yr Cert		
	Harper College	11	Associate		
	Oakton CC	9	< 1 Yr Cert		
	So. Suburban Coll of Cook County	27	< 1 Yr Cert		
		4	Associate		
		2	< 1 Yr Cert		
Triton College	2	Associate			
	4	Bachelor			
	18	Bachelor			
DePaul University	154	Masters			
	4	Bachelor			
	Elmhurst College	4	Bachelor		
Independent Not For Profit Universities	National-Louis University	1	Bachelor		
	5	Bachelor			
	Northwestern University	57	Masters		



				Oliver Nazarene University	5	Bachelor
				University of Illinois Chicago	33	Bachelor
11.0701				Computer Science		
Public Universities	Chicago State University	6	Bachelor			
		18	Masters			
		27	Bachelor			
	Governors State University	10	Masters			
		49	Bachelor			
	Northeastern IL University	15	Masters			
		64	Bachelor			
	Northern IL University	62	Masters			
		73	Bachelor			
	University of IL Chicago	110	Masters			
		11	Dr Research			
		10	Bachelor			
		Benedictine University	3	Bachelor		
		DePaul University	56	Bachelor		
			66	Masters		
			4	Dr Research		
Dominican University		9	Bachelor			
Elmhurst College		9	Bachelor			
IL Institute of Technology		26	Bachelor			
	177	Masters				
	3	Dr Research				
	Lake Forest College	5	Bachelor			
	Lewis University	24	Bachelor			
Independent Not For Profit	Loyola University of Chicago	11	Masters			
	North Central College	13	Bachelor			
		29	Bachelor			

Software Developers, Systems Software**	Independent Not For Profit Universities	Northwestern University	45	Masters
			9	Dr Research
		Olivet Nazarene University	4	Bachelor
		Roosevelt University	24	Bachelor
			2	Masters
		St. Xavier University	12	Bachelor
		Trinity Christian College	2	Bachelor
		University of Chicago	18	Bachelor
			76	Masters
			5	Dr Research
		University of St. Francis	2	Bachelor
		Wheaton College	1	Bachelor
	14.0901	Computer Engineering, General		
	Public Universities	University of IL Chicago	22	Bachelor
Software Developers, Systems Software**	IL Institute of Technology	Northwestern University	31	Bachelor
			16	Masters
			2	Dr Research
			15	Bachelor
			16	Masters
			2	Dr Research
	14.0903	Computer Software Engineering	No Programs in this EDR*	
	15.1204	Computer Software Technology		
	Community Colleges	Oakton Community College	3	< 1 Yr Cert
		Prairie State College	2	< 1 Yr Cert
Chemical Plant & System Operators**	41.0301	Chemical Technology		
	Community Colleges	CCC-Truman College	1	Associate
Inspectors, Testers, Sorters & Weighers	15.0702	Quality Control Technology		
	Community Colleges	CCC-Daley College	2	< 1 Yr Cert
	47.0303	Industrial Mechanics & Maint Technology		

Industrial Machinery Mechanics**	Community Colleges	CCC-Daley College	1	< 1 Yr Cert
			3	Associate
		College of Lake County	1	< 1 Yr Cert
		Elgin Community College	39	< 1 Yr Cert
			2	Associate
		Joliet Junior College	6	< 1 Yr Cert
			6	1-2 Yr Cert
			7	Associate
		Kankakee CC	2	< 1 Yr Cert
			1	1-2 Yr Cert
		Moraine Valley CC	1	1-2 Yr Cert
		Prairie State College	5	1-2 Yr Cert
		Waubonsee Community College	36	< 1 Yr Cert
			1	1-2 Yr Cert
			1	Associate

Notes: Kankakee Community College overlaps with the East Central EDR

\* Potential supply: College of Lake County, Elgin Community College, Kankakee Community College, Moraine Valley Community College, Oakton Community College, Prairie State College, So. Suburban College of Cook County, Triton College, and Waubonsee College reported enrollment in 48,999 (< 1 Yr Cert) of 130 students

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

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
NORTHEAST 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
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
Truck Drivers, Light & Delivery Services	Community Colleges	CCC-Olive Harvey College	2,973*	< 1 Yr Cert	
		Elgin Community College	38	< 1 Yr Cert	
School Bus Drivers					
Flight Attendants	49.0106	Airline Flight Attendant		No Programs in this EDR	
Shipping, Receiving, & Traffic Clerks**		No Related Program of Study for This Occupation			
Cargo & Freight Agents (Route Planners)	52.0408	Gen'l Office Occs/Clerical Services			
		Kishwaukee	11	1-2 Yr Cert	
		Morton	4	< 1 Yr Cert	
		Elgin CC	2	< 1 Yr Cert	
	52.0410	Traffic/Customs/Transp Clerk/Tech		No programs in the EDR	

## HEALTH CARE

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

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	
Registered Nurses	51.3801 Registered Nursing	CCC Human Coll	143	Associate	DePaul Univ				
		CCC/Medison X	62	Associate		51.3804	Nurse Anesthetist	94	Masters
		CCC Daley Coll	74	Associate		51.3805	Family Practice Nursing	10	Post Mast Cert
		CCC/Mighty Coll	46	Associate		51.3818	Nursing Practice	1	Dr Prof Prac
		Coll of DuPage	115	Associate		Einhurst College			
		Coll of Lake County	85	Associate		51.3813	Clinical Nurse Specialist	62	Bachelor
		Egan CC	96	Associate		51.3820	Clinical Nurse Leader	24	Masters
		Harpert College	103	Associate		Loyola Univ Chicago			
		Joliet Jr College	125	Associate		51.3802	Nurse Administration	12	Masters
		Kankakee CC	49	Associate		51.3803	Adult Health Nursing	15	Masters
		Kishwaukee College	66	Associate		51.3805	Family Practice Nursing	37	Masters
		McHenry County College	35	Associate				6	Post Mast Cert
		Moraine Valley CC	82	Associate		51.3808	Nursing Science	5	Dr Research
		Metrol College	22	Associate		51.3818	Nursing Practice	9	Dr Research
		Oakton CC	80	Associate		51.3813	Clinical Nurse Specialist	9	Masters
		Prairie State College	60	Associate		51.3814	Critical Care Nursing	11	Masters
		Sr. Sturgeon Coll of Cook Co.	29	Associate		51.3818	Women's Health Nursing	2	Masters
		Triton College	72	Associate		51.3822	Women's Health Nursing	2	Masters
		Waubesaee CC	87	Associate		51.3899	Reg Nursing, Nursing Admin, Nursing	3	Post Mast Cert
		Chicago State Univ	28	Bachelor		51.9999	Health Prof's & Related Clinical Sciences, Other	1	Masters
			1	Masters		Univ of St. Francis			
		Public Universities	Governors State Univ	66		Bachelor	51.3802	Nurse Administration	26
	Northern IL Univ		227	Bachelor	Chamberlain Coll of Nursing				
	Univ of IL Chicago		212	Bachelor	51.3818	Nursing Practice	2	Doctors Other	
	Aurora Univ		114	Bachelor	Governors State Univ				
			6	Masters	51.3805	Family Practice Nursing	10	Post Mast Cert	
	Independent Not-for-Profit Universities	Benedictine Univ	123	Bachelor	51.3808	Nursing Science	73	Masters	
		Concordia Univ Chicago	0	Bachelor	51.3818	Nursing Practice	12	Dr Prof Practice	
		DePaul Univ	94	Masters	Northern IL Univ				
		Einhurst Coll	0	Bachelor	51.3808	Nursing Science	62	Masters	
		Lewis Univ	208	Bachelor	Univ of IL Chicago				
		Loyola Univ Chicago	279	Bachelor			4	Post BA Cert	
			9	Masters	51.3808	Nursing Science	103	Masters	
		North Park Univ	107	Bachelor			12	Dr Research	
			191	Bachelor	51.3818	Nursing Practice	17	Dr Prof Prac	
		Our Lady of Mercy	154	Masters	51.9999	Health Prof's & Related Clinical Sciences, Other	32	Masters	
	Community Colleges	Resurrection Univ	158	Bachelor	Lewis Univ				
			51	Masters	51.3803	Adult Health Nursing	1	Post Mast Cert	
		Robert Morris	8	Associate	North Park Univ				
		St. Xavier	126	Bachelor	51.3805	Family Practice Nursing	1	Post Mast Cert	
		Trinity Christian Coll	40	Bachelor	51.3808	Nursing Science	18	Masters	
			111	Bachelor	51.3821	Geriatric Nursing	1	Post Mast Cert	
		Univ of St. Francis	1	Post BA Cert	51.3808	Nursing Science	152	Masters	
			62	Masters	Roanoke Franklin				
		Ardenia Coll of Nursing	38	Associate	51.3804	Nurse Anesthetist	22	Masters	
		Northwestern Coll - Southwest	17	Associate	51.3805	Family Practice Nursing	16	Post Mast Cert	
	Independent For Profit Universities	Chamberlain Coll of Nursing*	4,288	Bachelor	51.3808	Nursing Science	64	Masters	
			656	Masters	No. Shore Hlth Sys Sch of Nursing Anesth				
		ITT Tech Institute/Grand Park	79	Associate	51.3804	Nurse Anesthetists	19	Post BA Cert	
	Out of State								



# HEALTH CARE

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

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type
Nursing Assistants	51.2601	Health Aide		
	Community Colleges	Coll of Dupage	47	< 1Yr Cert
		Moraine Valley CC	14	< 1Yr Cert
		Oakton CC	1	< 1Yr Cert
	51.3902	Nurse Aide		
	Community Colleges	Coll of Dupage	334	< 1Yr Cert
		Coll of Lake County	670	< 1Yr Cert
		Elgin CC	57	< 1Yr Cert
		Harper College	696	< 1Yr Cert
		Joliet	4	< 1Yr Cert
			10	< 1Yr Cert
		Kankakee CC	37	1-2 Yr Cert
		Kishwaukee College	181	1-2 Yr Cert
		McHenry Co. Coll	287	1-2 Yr Cert
		Morton College	39	1-2 Yr Cert
		Oakton CC	147	1-2 Yr Cert
		Prairie State College	104	1-2 Yr Cert
		Triton College	123	1-2 Yr Cert
		Waubonsee CC	279	1-2 Yr Cert
		Midwestern Career Coll	10	1-2 Yr Cert
		Solex College	16	1-2 Yr Cert
	51.0710	Med Office Asst/Specialist	No Programs in this EDR	
	51.0712	Medical Reception/Receptionist.		
	Community Colleges	Coll of Lake County	48	<1 Yr Cert
		Morton College	9	<1 Yr Cert
	51.0713	Medical Insurance Coding Specialist/Coder		

Medical Assistants	Community Colleges	CCC-Truman College	40	<1 Yr Cert
		CCC-Daley College	16	<1 Yr Cert
		College of DuPage	18	<1 Yr Cert
		Harper College	27	1-2 Yr Cert
		Joliet Jr. College	29	1-2 Yr Cert
		Kankakee CC	16	1-2 Yr Cert
		Kishwaukee College	4	<1 Yr Cert
		McHenry Co. College	23	<1 Yr Cert
		Moraine Valley CC	25	1-2 Yr Cert
		Oakton CC	19	<1 Yr Cert
	Community Colleges	So. Suburban Coll of Cook Co.	20	1-2 Yr Cert
		Waubonsee CC	9	1-2 Yr Cert
		51.0716 Med Admin/Exec Assistant & Med Secretary.		
	Community Colleges	CCC-Truman College	3	<1 Yr Cert
		Harper College	12	<1 Yr Cert
			20	Associate
		Waubonsee CC	17	<1 Yr Cert
	51.0801	Med/Clinical Assistant		
	Community Colleges	CCC-Olive Harvey	23	<1 Yr Cert
		CCC-Wright	12	1-2 Yr Cert
		Coll of DuPage	13	1-2 Yr Cert
		Coll of Lake County	18	1-2 Yr Cert
			10	Associate
		Harper College	38	1-2 Yr Cert
		Moraine Valley CC	25	1-2 Yr Cert
		So. Suburban Coll of Cook Co.	17	1-2 Yr Cert
		Waubonsee CC	6	1-2 Yr Cert
		Indep Not For	Robert Morris Univ	66
	County College		28	1-2 Yr Cert

		Cuyine College		33	Associate
				1	1-2 Yr Cert
		Fox College		29	Associate
		Lincoln Coll of Technology		91	1-2 Yr Cert
		Midwestern Career Coll		21	Associate
		Northwestern Coll-Chicago		21	Associate
		Northwestern Coll-Southwest		24	Associate
		Westwood Coll-Chicago Loop		49	1-2 Yr Cert
		Westwood Coll-DuPage		37	1-2 Yr Cert
		Westwood Coll-O'Hare		49	1-2 Yr Cert
		Westwood Coll-River Oaks		89	1-2 Yr Cert
		Out of State		16	<1 Yr Cert
		51.0809	Anesthesiologist Asst	No Programs in this EDR	
		51.0813	Chiropractic Asst/Technician	No Programs in this EDR	
		51.3901	Licensed Practical Nursing		
			CCC-Wright Coll	81	1-2 Yr Cert
			Coll of DuPage	37	1-2 Yr Cert
			Elgin CC	107	1-2 Yr Cert
			Harper College	17	1-2 Yr Cert
			Joliet Jr College	98	1-2 Yr Cert
			Kankakee CC	18	1-2 Yr Cert
			Moraine Valley CC	18	1-2 Yr Cert
			Morton College	39	1-2 Yr Cert
		Indep For Profit	Ambria Coll of Nursing	95	1-2 Yr Cert
Receptionists & Information Clerks **		52.0406	Receptionist	No Programs in this EDR	

\*\* denotes occupations which occur in multiple clusters/pathways  
WIOA Eligible Training Providers will be provided in a separate document or file.

# ATTACHMENT M - Regional Data

North East 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
508	Chicago	(1,106)	(961)	(6,615)	(8,682)
	Daley	224	258	963	1,445
	Kennedy-King	209	193	608	1,010
	Malcolm X	160	72	427	659
	Olive-Harvey	70	48	3,209	3,327
	Truman	191	148	497	836
	Washington	77	29	363	469
	Wilbur Wright	175	213	548	936
502	DuPage	791	456	1,495	2,742
509	Elgin	366	301	1,097	1,764
512	Harper	458	182	1,792	2,432
525	Joliet	731	299	208	1,238
520	Kankakee	207	138	399	744
523	Kishwaukee	157	112	294	563
532	Lake County	391	360	1,848	2,599
528	McHenry	228	136	755	1,119
524	Moraine Valley	499	242	1,067	1,808
527	Morton	120	78	148	346
535	Oakton	448	121	610	1,179
515	Prairie State	170	103	573	846
510	South Suburban	145	88	191	424
504	Triton	295	89	235	619
516	Waubonsee	247	84	689	1,020
North East Total		6,359	3,750	18,016	28,125
State Total		11,555	6,876	28,142	46,573
% of State Total		55.0%	54.5%	64.0%	60.4%

## 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

**ATTACHMENT M - Regional Data**

<b>North East</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
508	Chicago	(1,523)	(254)	(0)	(0)	(27)	(11)	(1,429)	(0)	(3,244)
	Daley	184	11	0	0	4	0	43	0	242
	Kennedy-King	148	7	0	0	0	0	108	0	263
	Malcolm X	125	19	0	0	0	0	158	0	302
	Olive-Harvey	114	12	0	0	0	0	70	0	196
	Truman	173	51	0	0	3	1	380	0	608
	Washington	371	58	0	0	1	8	335	0	773
	Wilbur Wright	408	96	0	0	19	2	335	0	860
502	DuPage	930	294	0	1	27	15	390	0	1,657
509	Elgin	466	196	0	0	14	11	41	0	728
512	Harper	937	138	0	0	3	5	231	0	1,314
525	Joliet	590	127	0	1	0	0	153	0	871
520	Kankakee	109	42	0	0	8	4	61	0	224
523	Kishwaukee	76	286	0	0	3	1	0	0	366
532	Lake County	844	127	0	1	23	4	0	0	999
528	McHenry	41	435	0	0	4	12	63	0	555
524	Moraine Valley	425	843	0	1	0	6	0	0	1,275
527	Morton	131	80	0	0	0	4	42	0	257
535	Oakton	854	12	0	1	8	2	0	0	877
515	Prairie State	214	61	0	0	0	1	7	0	283
510	South Suburban	110	110	0	0	0	4	0	0	224
504	Triton	210	143	0	0	0	1	97	0	451
516	Waubensee	234	505	0	0	1	0	54	7	801
North East Total		7,694	3,653	0	5	118	81	2,568	7	14,126
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		66.5%	52.5%	0.0%	38.5%	54.4%	61.8%	69.3%	77.8%	60.8%



**ATTACHMENT M - Regional Data**

<b>North East Economic Development Region - Illinois Community College System</b> <b>Fiscal Year 2014 Summary of Unduplicated Headcount Enrollment by Program Classification</b>											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
508	Chicago	(30,026)	(1,075)	(11,576)	(12,098)	(4,323)	(15,274)	(128)	(25,813)	(100,313)	(13,169)
	Daley	3,868	183	1,595	1,407	1,342	5,069	33	2,211	15,708	3,544
	Kennedy-King	2,705	100	2,227	2,920	228	0	4	1,870	10,054	1,178
	Malcolm X	2,267	86	562	2,152	544	488	21	4,886	11,006	1,214
	Olive-Harvey	2,792	316	3,983	1,663	491	542	5	1,738	11,530	1,870
	Truman	5,111	326	1,182	2,380	1,261	5,759	37	3,066	19,122	1,029
	Washington	6,548	0	536	1	0	2	2	6,610	13,699	422
	Wilbur Wright	6,735	64	1,491	1,575	457	3,414	26	5,432	19,194	3,912
502	DuPage	20,390	82	20,529	398	289	3,496	68	1,967	47,219	7,052
509	Elgin	9,432	29	4,308	796	177	1,956	0	339	17,037	4,165
512	Harper	15,533	448	6,750	1,701	0	823	0	257	25,512	7,569
525	Joliet	13,415	102	6,960	470	100	964	70	3,888	25,969	4,554
520	Kankakee	2,692	2,414	2,040	455	252	267	29	1,143	9,292	3,235
523	Kishwaukee	4,662	68	1,455	176	228	281	0	0	6,870	2,284
532	Lake County	15,876	1,141	7,519	287	1,046	2,217	16	0	28,102	24,161
528	McHenry	5,119	0	3,941	104	282	576	0	668	10,690	16,434
524	Moraine Valley	19,018	185	7,162	244	385	935	0	0	27,929	6,132
527	Morton	2,346	0	2,827	487	94	1,264	0	455	7,473	139
535	Oakton	10,987	4,437	5,297	340	184	1,373	1	0	22,619	6,523
515	Prairie State	5,008	1,024	4,007	510	53	445	0	26	11,073	1,329
510	South Suburban	4,125	1,920	4,330	604	77	261	0	0	11,317	240
504	Triton	7,594	2,608	4,924	1,578	168	1,614	0	1,518	20,004	4,017
516	Waubonsee	10,034	14	4,676	688	559	1,887	861	685	19,404	2,074
North East Total		176,257	15,547	98,301	20,936	8,217	33,633	1,173	36,759	390,823	103,077
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
% of State Total		61.4%	22.0%	56.9%	76.3%	72.2%	90.9%	42.1%	72.6%	59.2%	53.2%

\*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.

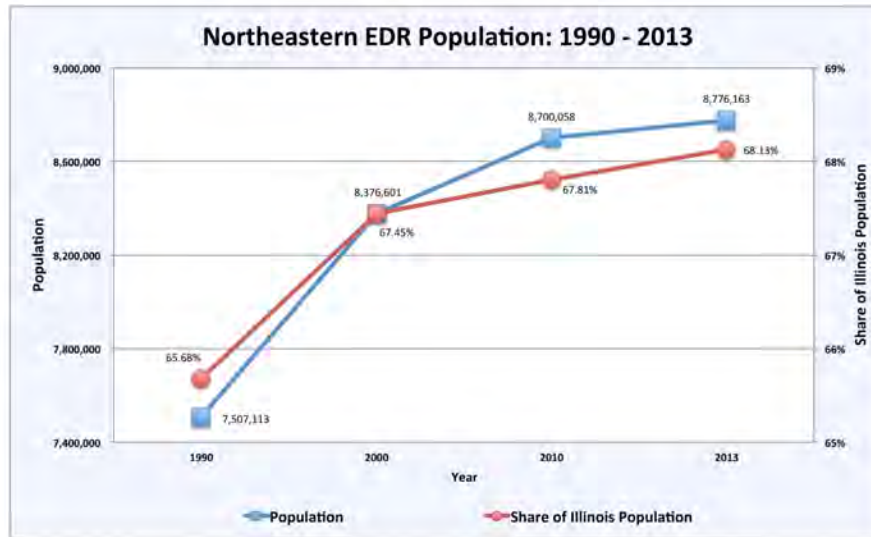
**ATTACHMENT M - Regional Data**

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

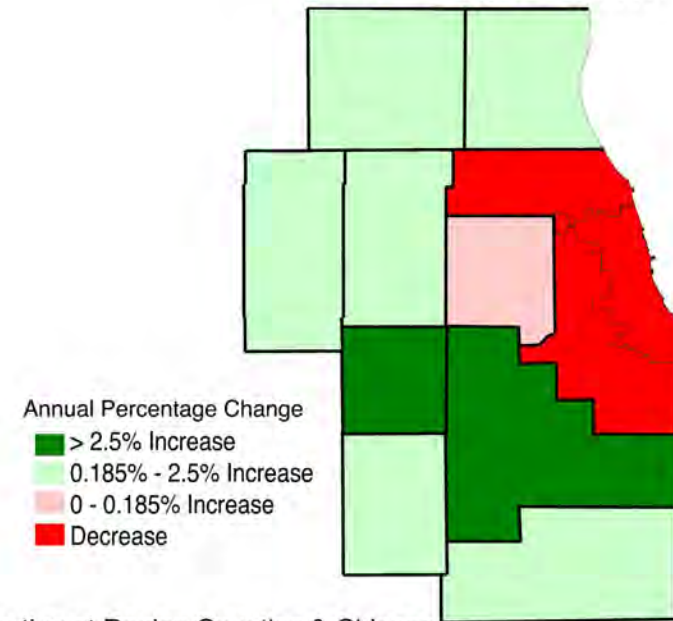
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
508	Chicago	(10)	(820)	(47)	(369)	(2,955)	(0)	(0)	(2,124)	(350)	(720)	(495)	(419)	(68)	(31)	(282)	(3,119)	(16)	(11,825)
	Daley	9	465	0	94	227	0	0	478	0	146	40	153	32	10	15	0	0	1,669
	Kennedy-King	0	256	27	47	254	0	0	69	348	122	28	52	23	1	7	17	0	1,251
	Malcolm X	0	0	0	0	282	0	0	612	0	27	3	0	0	0	19	0	16	959
	Olive-Harvey	0	0	0	20	184	0	0	23	0	152	30	41	6	0	12	3,041	0	3,509
	Truman	0	3	1	36	548	0	0	416	0	186	68	45	1	7	52	61	0	1,424
	Washington	1	11	17	61	706	0	0	0	2	79	275	15	0	4	62	0	0	1,233
	Wilbur Wright	0	85	2	111	754	0	0	526	0	8	51	113	6	9	115	0	0	1,780
502	DuPage	50	72	132	323	1,355	0	0	1,173	106	149	232	217	79	67	335	36	0	4,326
509	Elgin	0	160	38	110	514	0	0	545	243	104	6	129	129	11	210	268	0	2,467
512	Harper	3	113	71	282	1,180	1	0	1,232	48	65	115	177	169	91	142	34	0	3,723
525	Joliet	41	100	13	103	744	0	0	400	115	28	56	94	130	7	127	78	0	2,036
520	Kankakee	0	23	17	85	171	0	0	263	0	22	1	77	110	0	50	16	0	835
523	Kishwaukee	63	16	1	37	76	0	0	342	0	0	8	11	24	0	289	60	0	927
532	Lake County	31	150	8	135	893	0	0	1,311	169	36	124	174	66	6	150	255	0	3,508
528	McHenry	14	17	40	287	113	0	0	479	38	32	23	87	46	2	439	42	0	1,659
524	Moraine Valley	2	113	29	88	448	0	0	419	67	37	445	112	207	6	842	80	0	2,895
527	Morton	0	24	4	53	173	0	0	135	0	82	5	28	3	0	80	14	0	601
535	Oakton	0	31	10	73	416	2	0	416	0	73	68	48	22	5	13	28	0	1,205
515	Prairie State	0	65	30	19	248	0	0	406	0	81	24	86	33	1	61	70	0	1,124
510	South Suburban	0	10	17	72	124	0	0	171	0	45	34	58	1	3	108	0	0	643
504	Triton	3	44	11	41	313	0	0	363	42	14	17	43	11	0	143	24	0	1,069
516	Waubonsee	0	83	29	53	334	0	0	578	0	51	10	33	75	0	506	57	0	1,809
North East Total		217	1,841	497	2,130	10,057	3	0	10,357	1,178	1,539	1,663	1,793	1,173	230	3,777	4,181	16	40,652
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		23.2%	63.6%	61.0%	68.8%	60.1%	11.1%	0.0%	56.6%	68.1%	73.0%	69.4%	61.4%	41.9%	69.5%	56.4%	70.1%	88.9%	60.0%

\*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.

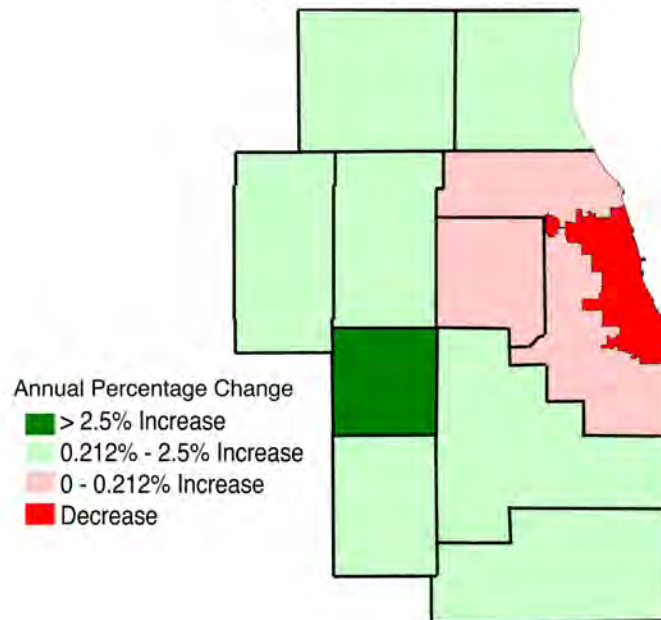
# ATTACHMENT M - Regional Data



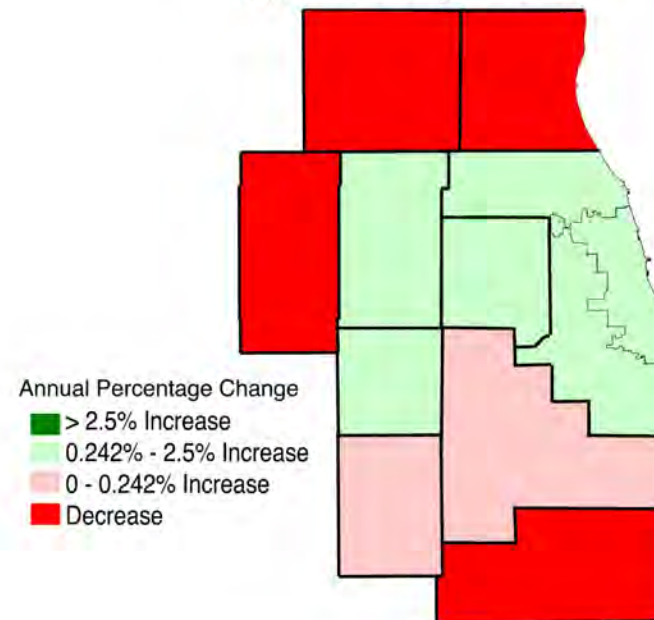
Northeast Region Counties & Chicago  
Population Change: 2000-2005



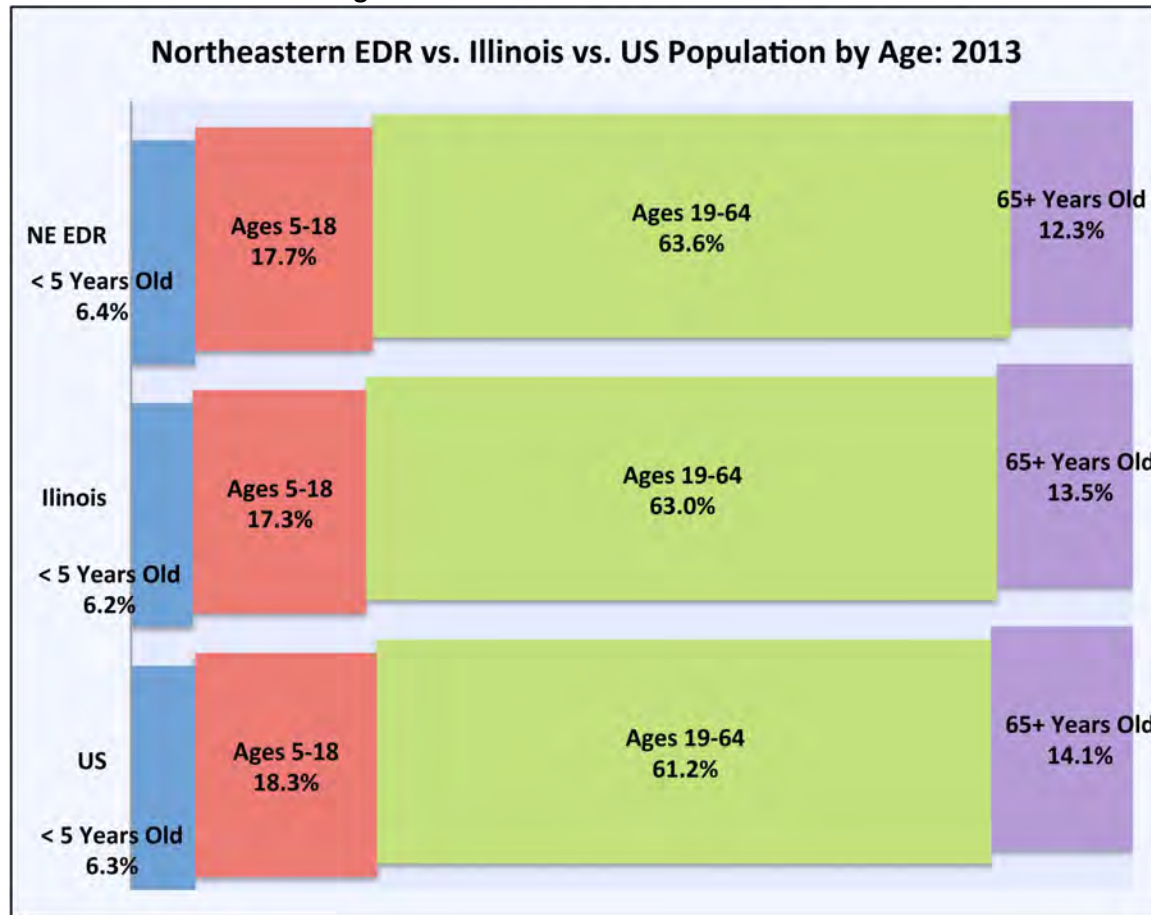
Northeast Region Counties & Chicago  
Population Change: 2005-2010



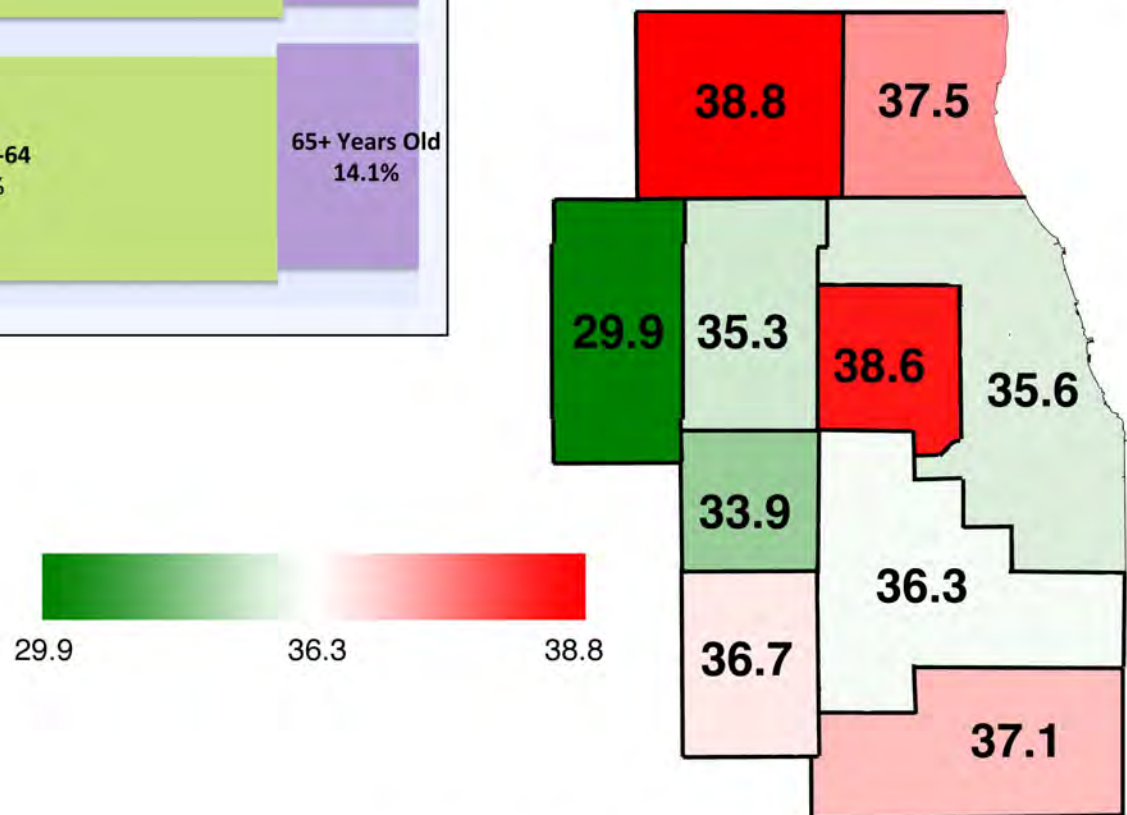
Northeast Region Counties & Chicago  
Population Change: 2010-2013



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



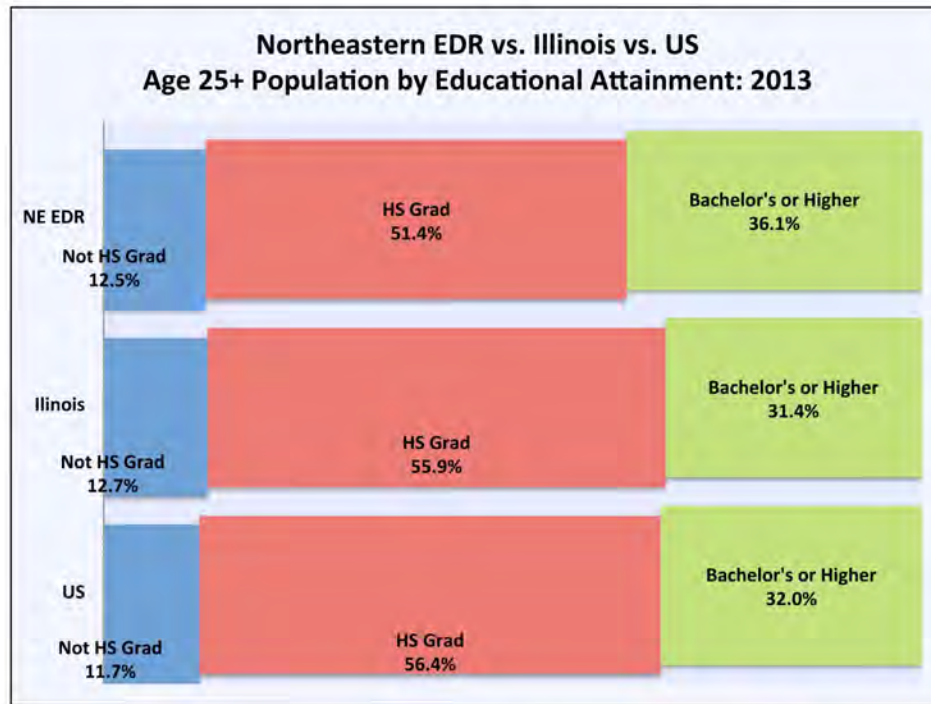
Northeast Region Counties  
Median Population Age: 2012



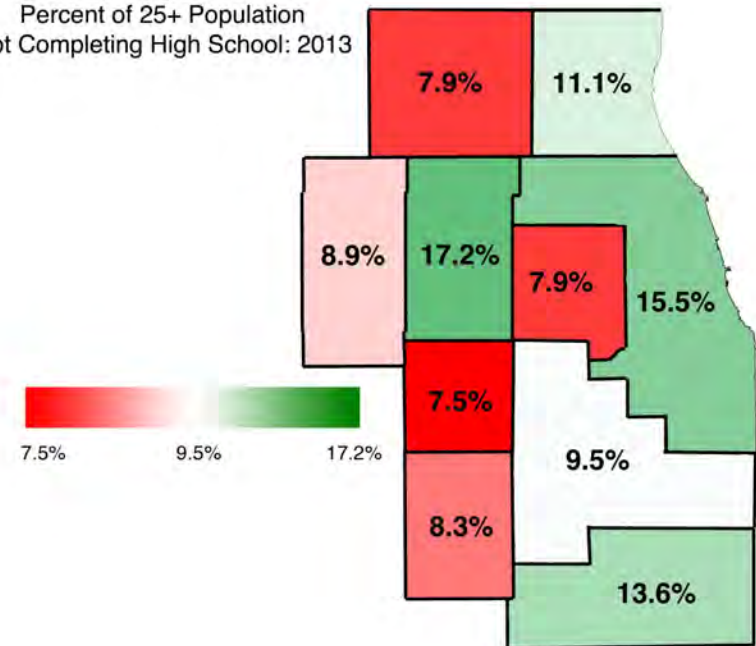
Source for all information on this Page: US Census Bureau Annual County Resident Population Estimates for 2013



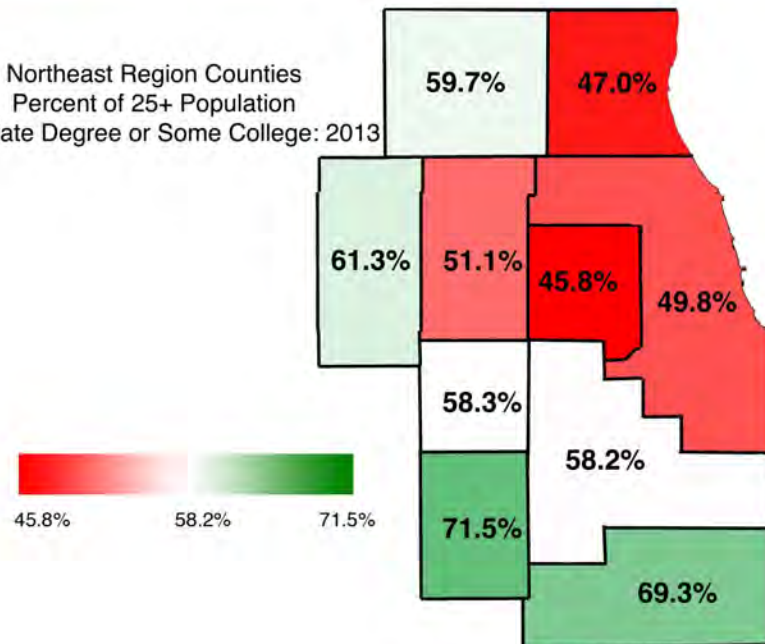
# ATTACHMENT M - Regional Data



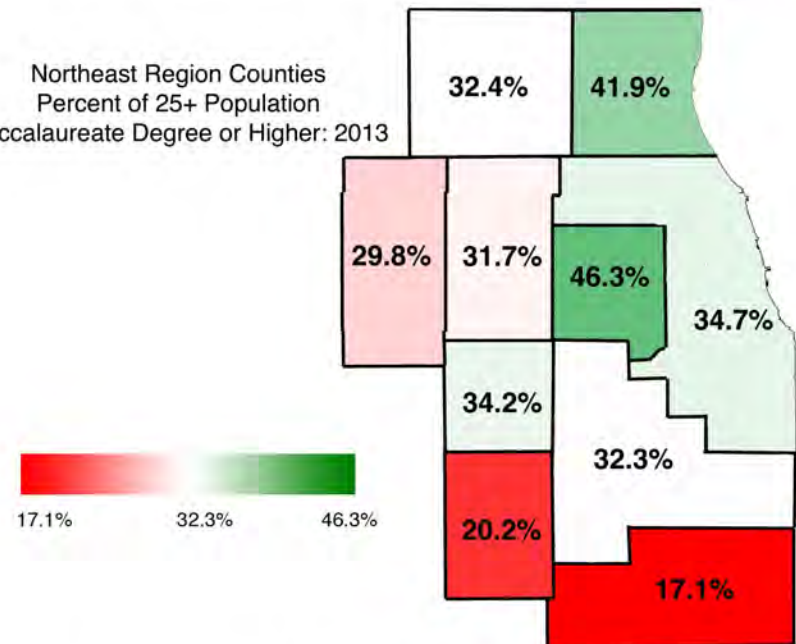
Northeast Region Counties  
Percent of 25+ Population  
Not Completing High School: 2013



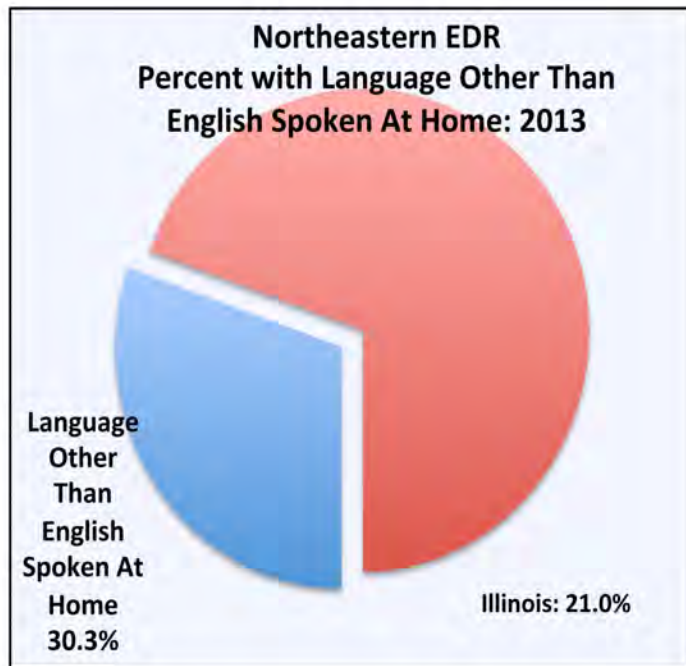
Northeast Region Counties  
Percent of 25+ Population  
Associate Degree or Some College: 2013



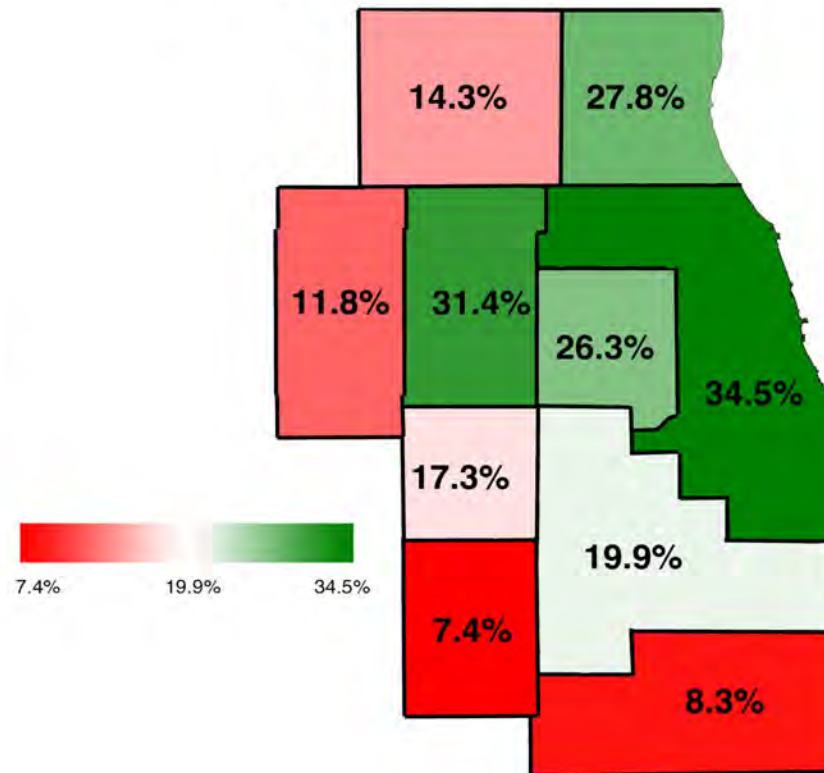
Northeast Region Counties  
Percent of 25+ Population  
Baccalaureate Degree or Higher: 2013



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



**Northeast Region Counties  
Percent Age 5+ with Language  
Other Than English Spoken at Home: 2013**



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



**NORTHEAST REGION**  
**SELECTED TARGET POPULATION CHARACTERISTICS**

Unemployed	Labor Force	4,533,761
	Employed	4,214,609
	Unemployed	319,152
	Rate	7.0
TANF	Annual 2014	1,098,191
	Monthly Average	91,516
	Corrections	4,716
Persons with Disabilities	Mental Disabilities	4,400
	Adults with Disabilities	767,916
Public Aid	Public Aid Recipients	2,126,867
	Adult Public Aid Recipients	1,120,866

## NORTH CENTRAL ECONOMIC DEVELOPMENT REGION

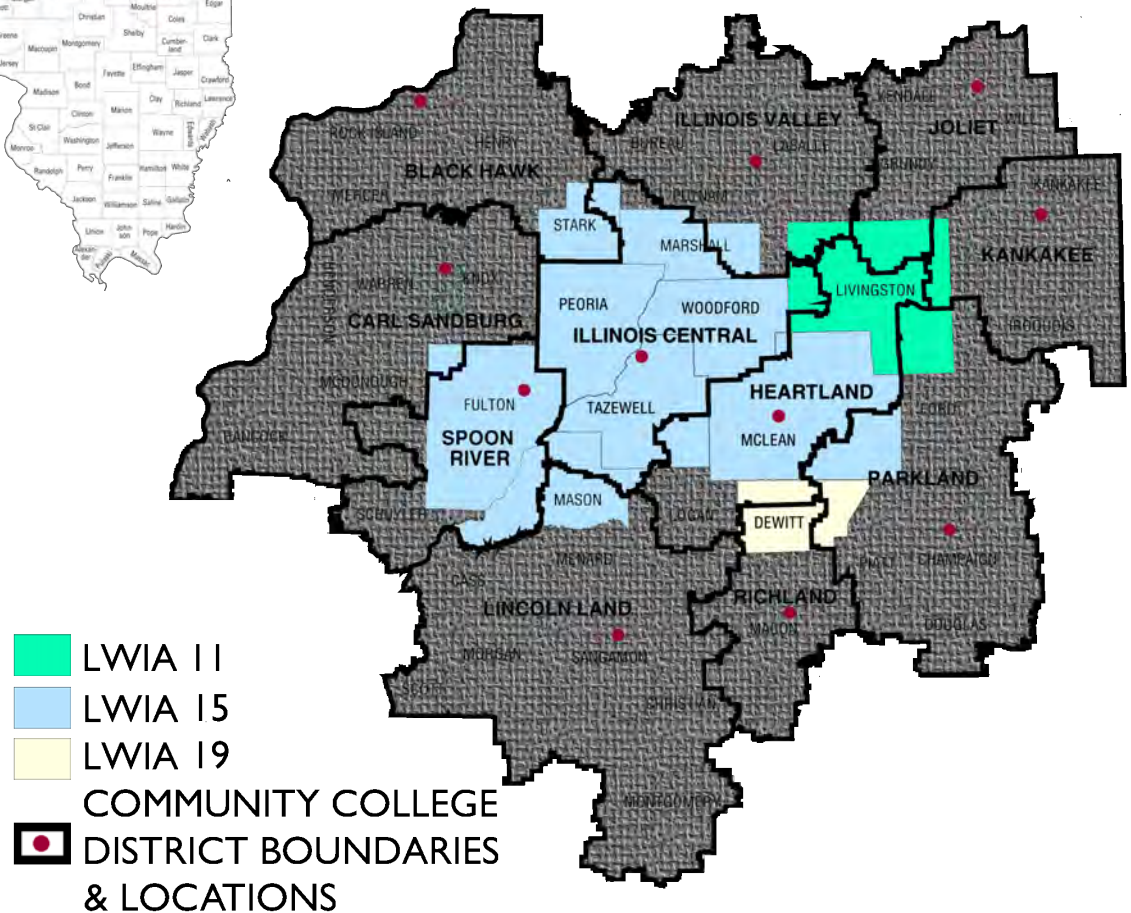
North Central EDR Counties	2013 Population Estimates	Percent of EDR Population
DeWitt	16,420	3%
Fulton	36,346	7%
Livingston	38,186	7%
McLean	174,647	32%
Marshall	12,153	2%
Mason	14,248	3%
Peoria	188,429	34%
Stark	5,907	1%
Tazewell	136,352	25%
Woodford	39,273	7%
Total Population	661,961	



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

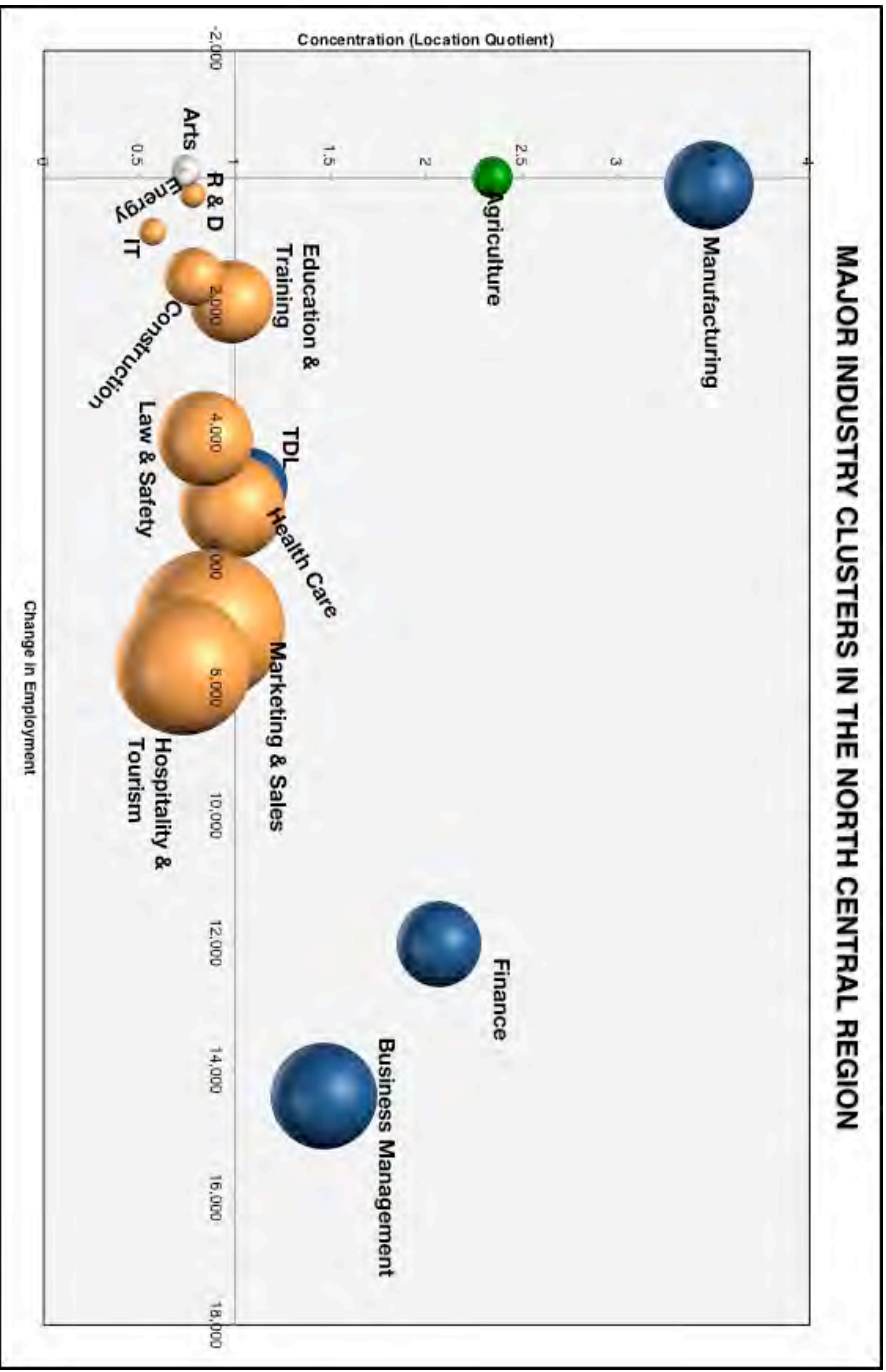


## NORTH CENTRAL REGION

### 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

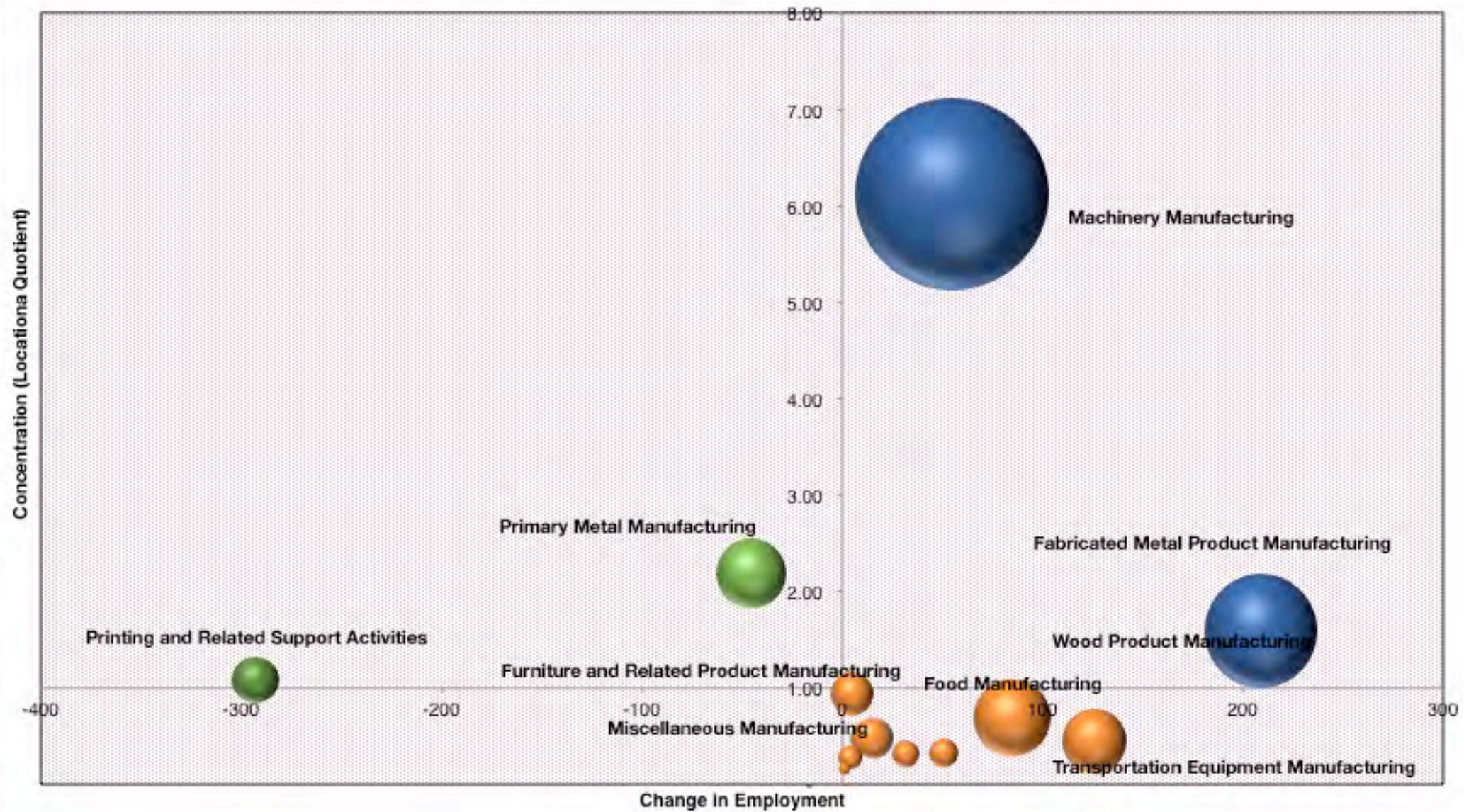


<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</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									
ATTACHMENT M Regional Data									
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in this Industry	2022 Percent of Employment in this Industry	2022 Percent of Employment in this Industry	
311	Food Manufacturing	Manufacturing Production Process Development	11-3051	Industrial Production Managers**	11	1	6.6	0.8	
325	Chemical Manufacturing					1	7.1	1.6	
332	Fabricated Metal Product Manufacturing					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	Logistics & Inventory Control	13-1081	Logisticians**	13	1	0.4	0.2	
336	Transportation Equipment Manufacturing					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					2	3.5	2.8	
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	62	1	1.1	0.6	
334	Computer and Electronic Product Manufacturing					4	10.8	5.6	
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	35	1	3	1	
325	Chemical Manufacturing					1	3	1	
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development				1	4.2	1.3	
331	Primary Metal Manufacturing					1	3.3	1.3	
332	Fabricated Metal Product Manufacturing					1	1.6	1.1	
333	Machinery Manufacturing					2	5.6	0.9	
334	Computer and Electronic Product Manufacturing					2	6.9	1.6	
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	33	4	12.2	3	
335	Electrical Equipment, Appliance, and Component Manufacturing					1	2.5	1.8	
336	Transportation Equipment Manufacturing					1	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					4	12.3	3.3	
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	31	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					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, Whls/Mfg, Tech/ScProds**	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	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg, Ex Tech/Scntific**	129	1	0.7	2	
326	Plastics and Rubber Products Manufacturing					1	0.7	1.4	
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	Manufacturing Production Process Development				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					1	2.2	1.2	
325	Chemical Manufacturing	Logistics & Inventory Control	43-5032	Dispatchers**	24	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	
313	Printing and Related Support Activities					1	1.3	2.1	
325	Chemical Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	52	1	1.9	1.8	
326	Plastics and Rubber Products Manufacturing					1	1.7	2	
332	Fabricated Metal Product Manufacturing					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					1	3.4	2.1	
326	Plastics and Rubber Products Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	3.4	2.1	

## ATTACHMENT M Regional Data



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	Production	51-1011	1st-Line Spvrs./Mgns. Prod. & Operating Workers**	24	1	2.3	3.3
331	Primary Metal Manufacturing				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	51-4011	Computer-Controlled Machine Tool Operators**	33	6	18.4	2.9
334	Computer and Electronic Product Manufacturing				2	5	0.9	
335	Electrical Equipment, Appliance, and Component Manufacturing				1	3.7	1.8	
336	Transportation Equipment Manufacturing				6	18.2	2	
339	Miscellaneous Manufacturing				1	3.9	1.2	
331	Primary Metal Manufacturing				1	1.2	2.1	
332	Fabricated Metal Product Manufacturing	Production	51-4033	Grind/Polish Machine Tool Setters & Operators	12	5	38.8	1.6
333	Machinery Manufacturing				2	17.6	1.1	
336	Transportation Equipment Manufacturing				1	11.8	0.5	
339	Miscellaneous Manufacturing				1	6	0.7	
331	Primary Metal Manufacturing				1	4.6	0.4	
332	Fabricated Metal Product Manufacturing	Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	6	46	1
333	Machinery Manufacturing				3	26.1	0.9	
336	Transportation Equipment Manufacturing				1	9	0.2	
339	Miscellaneous Manufacturing				1	0.7	0.4	
325	Chemical Manufacturing				1	1.5	1.1	
326	Plastics and Rubber Products Manufacturing				1	0.7	0.8	
327	Nonmetallic Mineral Product Manufacturing				1	1.9	2.2	
331	Primary Metal Manufacturing	Production	51-4041	Machinists**	72	25	35.1	10.2
332	Fabricated Metal Product Manufacturing				12	12	16.6	7
333	Machinery Manufacturing				2	3	1.4	
334	Computer and Electronic Product Manufacturing				1	1.6	2.2	
335	Electrical Equipment, Appliance, and Component Manufacturing				9	12	3.6	
336	Transportation Equipment Manufacturing				2	2.7	2.3	
339	Miscellaneous Manufacturing				1	1.9	2	
321	Primary Metal Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	7	24.3	6.2
322	Fabricated Metal Product Manufacturing				4	13.2	4.9	
323	Machinery Manufacturing				4	12.5	3.3	
326	Transportation Equipment Manufacturing				3	29.1	1.2	
327	Fabricated Metal Product Manufacturing	Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators*	11	2	20	1.3
333	Machinery Manufacturing				3	27	1.2	
336	Transportation Equipment Manufacturing				2	6.6	2.2	
311	Food Manufacturing							

ATTACHMENT M - Regional Data

325	Chemical Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	29	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					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	Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	7	30.3	7.8
312	Beverage and Tobacco Product Manufacturing					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	Production	51-9199	Production Workers, All Other	31	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					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											
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation in this Industry	2022 Percent of Industry	2022 Percent of Occupation in this Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level	
Manufacturing Production Process Development	11-3051	Industrial Production Managers**	11	1 1 1	7.1 11 6.8	1.6 1.2 1.1	\$76,941	Bachelor's degree	1 to 5 years	None	
				1	8.9	1					
Manufacturing Production Process Development	11-9041	Engineering Managers**	18	1 2	4.1 11.5	0.8 2.5	\$152,189	Bachelor's degree	More than 5 years	None	
Logistics & Inventory Control	11-9199	Managers, All Other (incl. Logistics Analysts)**	206	1 1	0.4 0.3	0.5 0.3	\$74,690	High school diploma or equivalent	1 to 5 years	None	
Logistics & Inventory Control	13-1081	Logisticians**	13	1	10.6	1.1	\$63,968	Bachelor's degree	1 to 5 years	None	
Logistics & Inventory Control	13-1111	Management Analysts (incl. Logistics Analysts)**	72	1	0.9	0.5	\$83,130	Bachelor's degree	1 to 5 years	None	
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	62	2	3.5	2.8	\$82,872	Bachelor's degree	None	None	
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	35	4 1	10.8 3	5.6 1	\$95,405	Bachelor's degree	None	None	
Manufacturing Production Process Development	17-2112	Industrial Engineers**	33	1 2 4	2.2 6.9 12.2	0.4 1.6 3	\$77,672	Bachelor's degree	None	None	
				1 2 6	1.7 2.5 17.6	0.6 1.8 2.8					
				1	3.5	1.6					
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	31	1 2 2	1.7 6.2 12.3	0.6 1.1 3.3		Bachelor's degree	None	None	
				1 2 4	2 6.3 11.9	1.7 1.8 2.2					
Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	27	1 1	3.2 4.5	0.4 0.7	\$94,746	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg. Tech/Scrip Prods**	35	1 1	1.7 3.9	0.7 1.7	\$58,477	Bachelor's degree	None	Moderate-term on-the-job training	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg. Ex Tech/Scrip**	129	1 3 2 2 1 1 1 1	0.7 2 2.1 1.4 0.7 2 2.3 2.3	2.9	\$48,924	High school diploma or equivalent	None	Moderate-term on-the-job training	
				1 1 1 1 1 1 1	0.5 0.6 0.9 0.8 0.8 0.8 0.8						
Logistics & Inventory Control	43-5032	Dispatcher**	24	1	2.2	1.2	\$40,436	High school diploma or equivalent	None	Moderate-term on-the-job training	
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	21	1 1 1 1 1	2.6 4 3.4 3.5 5.8	1.1 0.8 1 1.1 1.2	\$36,784	High school diploma or equivalent	None	Moderate-term on-the-job training	
Logistics & Inventory Control	43-5071	Shipping/Receiving & Traffic Clerks**	52	1 2 1 1 1 1 1 1 1	2.6 1.3 1.3 1.9 1.7 2 3.9 1.8 1.7 2.5 1.1 1.2 1.2 1.5 2.1		\$28,212	High school diploma or equivalent	None	Short-term on-the-job training	
				3 1 1 1 1 1 2 2 2	9.1 1.7 1.5 3.4 3.7 2.7 3.4 1.7 3.8 4 4.5 1.1 5 1.9 4.9 1.3 2.3 2.4						
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1 1 1 2 1 1 1 1 1	1.7 1.2 0.9 1.1 1.4 1.4 0.9 1.3 1.2 1.2 7.8 3.2 2.5 3.7 2.2		\$56,622	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	69	1 1 1 1 1 1 1 1 1	1.1 1.1 1.4 1.4 0.9 1.3 1.2 1.2 7.8 3.2 2.5 3.7 2.2		\$35,064	High school diploma or equivalent	None	Moderate-term on-the-job training	

ATTACHMENT M - Regional Data

Production	51-1011	1st-line Spgrs/Mgrs, Prod. & Operating Workers**	24	1	2.9	3.9		\$54,505	Postsecondary non-degree award	1 to 5 years	None
				1	4.9	3.9					
				1	4.5	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					
Production	51-2041	Structural Metal Fabricators & Fitters	14	1	3.2	3.5					
				7	49.1	2.8					
				2	12.7	1.1					
				2	11.8	0.7					
				1	5.7	0.9					
Production	51-2092	Team Assemblers	104	3	2.5	1.9					
				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	4	3.8	12.8					
				21	20.3	15.1					
				3	3.3	9.9					
				6	5.6	11.6					
				2	16.8	3.5					
Production	51-4011	Computer-Controlled Machine Tool Operators**	33	1	5.1	3					
				1	4.5	1.2					
				1	4	1.8					
				13	39.3	4.2					
				6	18.4	2.9					
Production	51-4033	Grind/Polish Machine Tool Setters & Operators	12	2	5	0.9					
				1	3.7	1.8					
				6	18.2	2					
				1	3.9	1.2					
				1	12	2.1					
Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	5	38.8	1.6					
				2	17.6	1.1					
				1	11.8	0.5					
				1	6	0.7					
				1	4.6	0.4					
Production	51-4041	Machinists**	72	6	46	1					
				3	26.1	0.9					
				1	9	0.2					
				1	0.7	0.4					
				1	1.5	1.1					
Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	1	0.7	0.8					
				4	13.2	4.9					
				4	12.5	3.3					
				3	29.1	1.2					
				2	20	1.3					
Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	11	3	27	1.2					
				2	6.6	2.2					
				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					
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	29	3	10	3.4					
				1	2.9	2.7					
				7	30.3	7.8					
				1	5.2	10.3					
				3	11.8	6					
Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	1	3.6	2.2					
				3	10.9	2					
				1	1.7	1.1					
				1	2.4	1.8					
				1	3.5	1.2					
Production	51-9199	Production Workers, All Other	31	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					

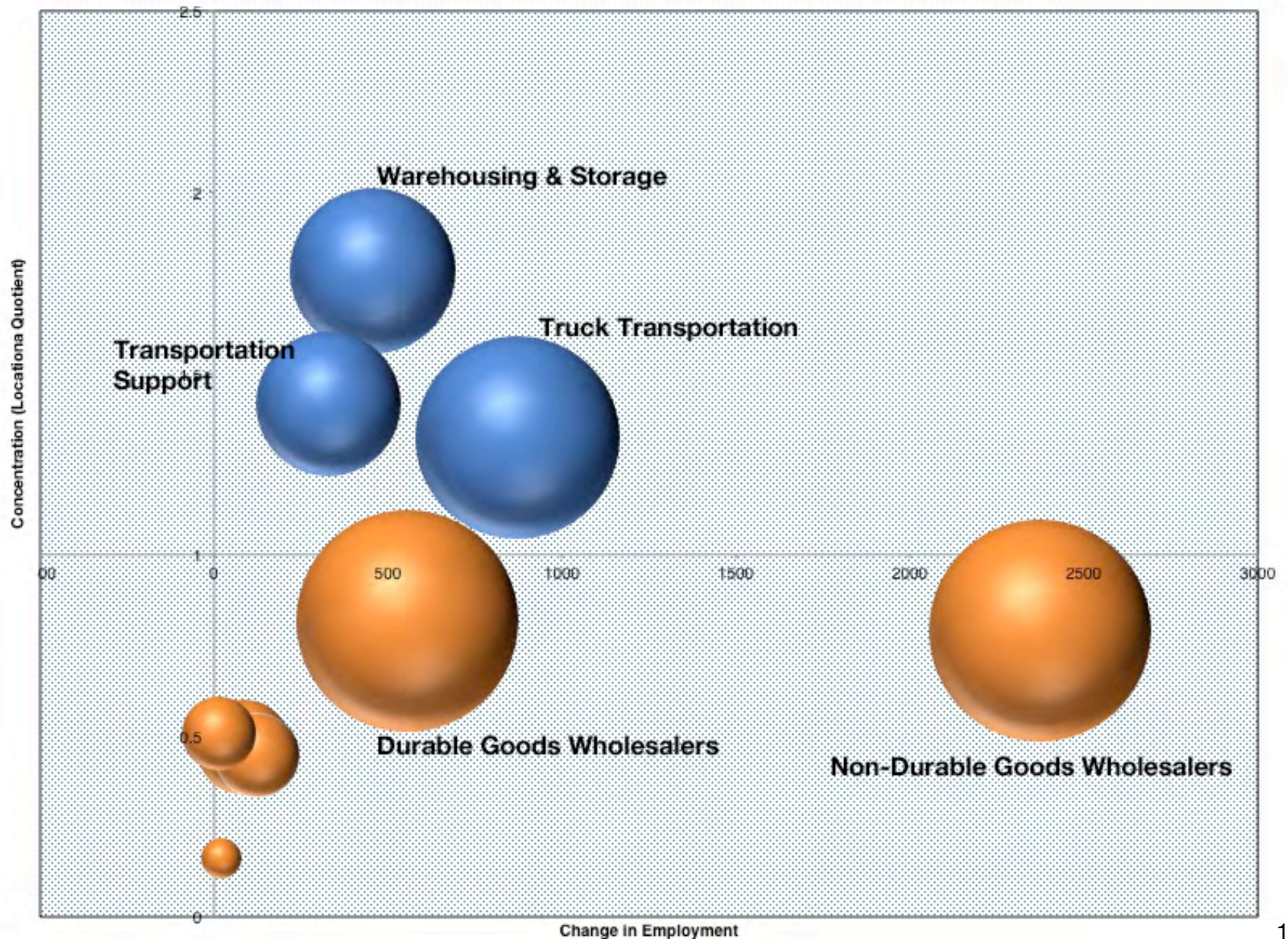
## ATTACHMENT M - Regional Data

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

	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of Occupation	2022 Percent of Industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	11-3061	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	0.7
484	Truck Transportation					1	10	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	Logistics Planning and Management Services	43-1011	1st-Line Supvs/Mgrs, Office & Adm. Support Wkrs**	113	1	0.8	1.2
481	Air Transportation					1	0.6	2.3
484	Truck Transportation					1	0.6	0.6
488	Support Activities for Transportation					1	1	2.3
492	Couriers and Messengers					1	0.6	2.1
493	Warehousing and Storage	Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	19	1	0.7	1.3
481	Air Transportation					2	9.5	2.1
481	Air Transportation					2	9.5	2.1
484	Truck Transportation					2	8.3	0.5
484	Truck Transportation					2	8.3	0.5
488	Support Activities for Transportation	Transportation Operations	43-5032	Dispatchers**	24	12	63.6	8.4
488	Support Activities for Transportation					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	Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	21	4	17.9	2.6
485	Transit and Ground Passenger Transportation					2	7.8	3.2
488	Support Activities for Transportation					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	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	52	1	3.1	0.4
423	Merchant Wholesalers, Durable Goods					7	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					4	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers	Facility and Mobile Equipment Maintenance	49-3031	Automotive Service Technicians & Mechanics**	63	3	16.6	3.5
493	Warehousing and Storage					1	5	2.6
423	Merchant Wholesalers, Durable Goods					2	8.6	0.5
488	Support Activities for Transportation					2	9.9	0.9
423	Merchant Wholesalers, Durable Goods					2	9.9	0.9
423	Merchant Wholesalers, Durable Goods	Warehouse and Distribution Center Operations	51-1011	1st-Line Supvs/Mgrs, Prod/Operating Workers**	24	1	2.7	0.5
423	Merchant Wholesalers, Durable Goods					1	2.7	0.5
424	Merchant Wholesalers, Nondurable Goods					2	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					2	9.9	0.9
484	Truck Transportation					1	4.9	0.6
488	Support Activities for Transportation	Warehouse and Distribution Center Operations	53-1021	1st-Line Supvs/Mgrs, Helpers & Laborers	18	1	3.5	0.9
492	Couriers and Messengers					1	3.5	0.9
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	Warehousing and Distribution Center Operations	53-1031	1st-Line Supvs/Mgrs, Trans. Machine Operators**	12	1	8.9	0.9
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	2
493	Warehousing and Storage					1	4.7	1.3
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity School Bus Drivers	11	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					11	7.9	7.3
424	Merchant Wholesalers, Nondurable Goods					1	0.5	0.8
425	Wholesale Electronic Markets and Agents and Brokers	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	137	63	46.3	59.7
484	Truck Transportation					4	3.1	8.5
488	Support Activities for Transportation					2	1.5	5.6
492	Couriers and Messengers					3	2.2	5.3
493	Warehousing and Storage					5	8.4	2.5
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	4	7.6	3.2
424	Merchant Wholesalers, Nondurable Goods					1	1.8	1.4
425	Wholesale Electronic Markets and Agents and Brokers					3	6.1	3.6
484	Truck Transportation					1	1.2	1.5
492	Couriers and Messengers					10	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS																			
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION																			
Major Industry		SOC Code		SOC Title		Average Annual Opening in 2022 Percent Opening		Annual Opening in 2022 Percent Industry		2022 Percent at Industry		Median Annual		Education Entry level		Experience Entry level		Training Entry level	
Logistics Planning and Management Services	11-3061	Purchasing Manager**	14	1	5.96	0.1	\$12,541	Bachelor's degree	More than 5 yrs	None	None								
				2	4.6	0.2													
				3	6.2	0.2													
				4	6.2	0.2													
				5	6.2	0.2													
Transportation Operations	11-3071	Transportation, Storage & Distribution Managers**	13	1	8.6	0.5	\$86,176	High school diploma or equivalent	More than 5 yrs	None	None								
				2	8.6	0.5													
				3	10	0.7													
				4	5.2	0.6													
				5	5.2	0.6													
Warehousing and Distribution Center Operations	17-2112	Industrial Engineer (Supply Chain Engineer)	33	1	9.1	1.3	\$77,672	Bachelor's degree	None	None	None								
				2	1.8	0.1													
				3	2.5	1.3													
				4	1.6	1.2													
				5	1.6	1.2													
Logistics Planning and Management Services	43-3011	1st-Line Supervisor/Mgrs, Office & Admin. Support Wkrs**	113	1	0.6	2.3	\$44,676	High school diploma or equivalent	1 to 5 years	None	None								
				2	0.6	0.0													
				3	1	2.3													
				4	1	0.6						2.1							
				5	1	0.7						1.3							
Health, Safety and Environmental Management	43-5011	Cargo & Freight Agent (House Planner)	19	1	9.5	2.1	\$50,004	High school diploma or equivalent	None	Short-term on-the-job training	None								
				2	0.5	0.5													
				3	0.5	0.5													
				4	8.3	0.5													
				5	8.3	0.5													
Transportation Operations	43-5032	Dispatcher**	24	1	7.6	1.4	\$40,436	High school diploma or equivalent	None	Moderate-term on-the-job training	None								
				2	2.9	0.2													
				3	7.8	3.2													
				4	7.9	2.4													
				5	3.1	1.3													
Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	21	1	4	0.4	\$36,784	High school diploma or equivalent	None	Moderate-term on-the-job training	None								
				2	3.1	0.9													
				3	13.5	3.2													
				4	7.8	2.7													
				5	7.8	2.7													
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	52	1	2.7	1.7	\$28,242	High school diploma or equivalent	None	Short-term on-the-job training	None								
				2	1.8	1.8													
				3	5	7.2													
				4	4.7	4.1													
				5	4.7	4.1													
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	63	1	1.7	0.4	\$30,549	High school diploma or equivalent	None	Long-term on-the-job training	None								
				2	0.8	0.9													
				3	10.6	1													
				4	18.6	3.5													
				5	18.6	3.5													
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	16	1	3	2.6	\$38,685	High school diploma or equivalent	None	Long-term on-the-job training	None								
				2	5	2.6													
				3	2.2	0.3													
				4	2.7	0.3													
				5	2.7	0.3													
Warehousing and Distribution Center Operations	53-1011	1st-Line Supervisor/Mgrs, Prod./Operating Workers**	24	1	2	0.5	\$54,505	Postsecondary non-degree award	1 to 5 years	None	None								
				2	8.6	0.5													
				3	9.9	0.9													
				4	4.9	0.6													
				5	4.9	0.6													
Warehousing and Distribution Center Operations	53-1021	1st-Line Supervisor/Mgrs, Helpers & Laborers	18	1	1.5	0.9	\$41,336	High school diploma or equivalent	1 to 5 years	None	None								
				2	9.6	3.6													
				3	11.7	3.2													
				4	4.7	0.3													
				5	4.7	0.3													
Warehousing and Distribution Center Operations	53-3031	1st-Line Supervisor/Mgrs, Trans. Machine Operators**	12	1	8.9	0.9	\$55,706	High school diploma or equivalent	1 to 5 years	None	None								
				2	14.6	2.2													
				3	4.6	1.9													
				4	4.6	2													
				5	4.6	2													
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	11	1	4.7	1.3	\$42,450	High school diploma or equivalent	None	Moderate-term on-the-job training	None								
				2	42.3	15.1													
				3	41.2	41.1													
				4	3.2	2													
				5	3.2	2													
Transportation Operations	53-3022	School Bus Drivers	20	1	11	7.9	\$28,815	High school diploma or equivalent	None	Moderate-term on-the-job training	None								
				2	0.5	0.8													
				3	46.3	59.7													
				4	3.1	8.5													
				5	3.1	8.5													
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	137	1	2	1.5	\$37,667	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training	None								
				2	1.5	5.6													
				3	2.2	5.3													
				4	8.4	2.5													
				5	8.4	2.5													
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	1	1	1.8	\$30,775	High school diploma or equivalent	None	Short-term on-the-job training	None								
				2	3	6.1													
				3	1.2	1.5													
				4	10	17.1													
				5	10	17.1													
Transportation Operations				1	1.9	2.1													
				2	7.6	3.2													
				3	1.8	1.4													
				4	1.2	1.5													
				5	1.2	1.5													

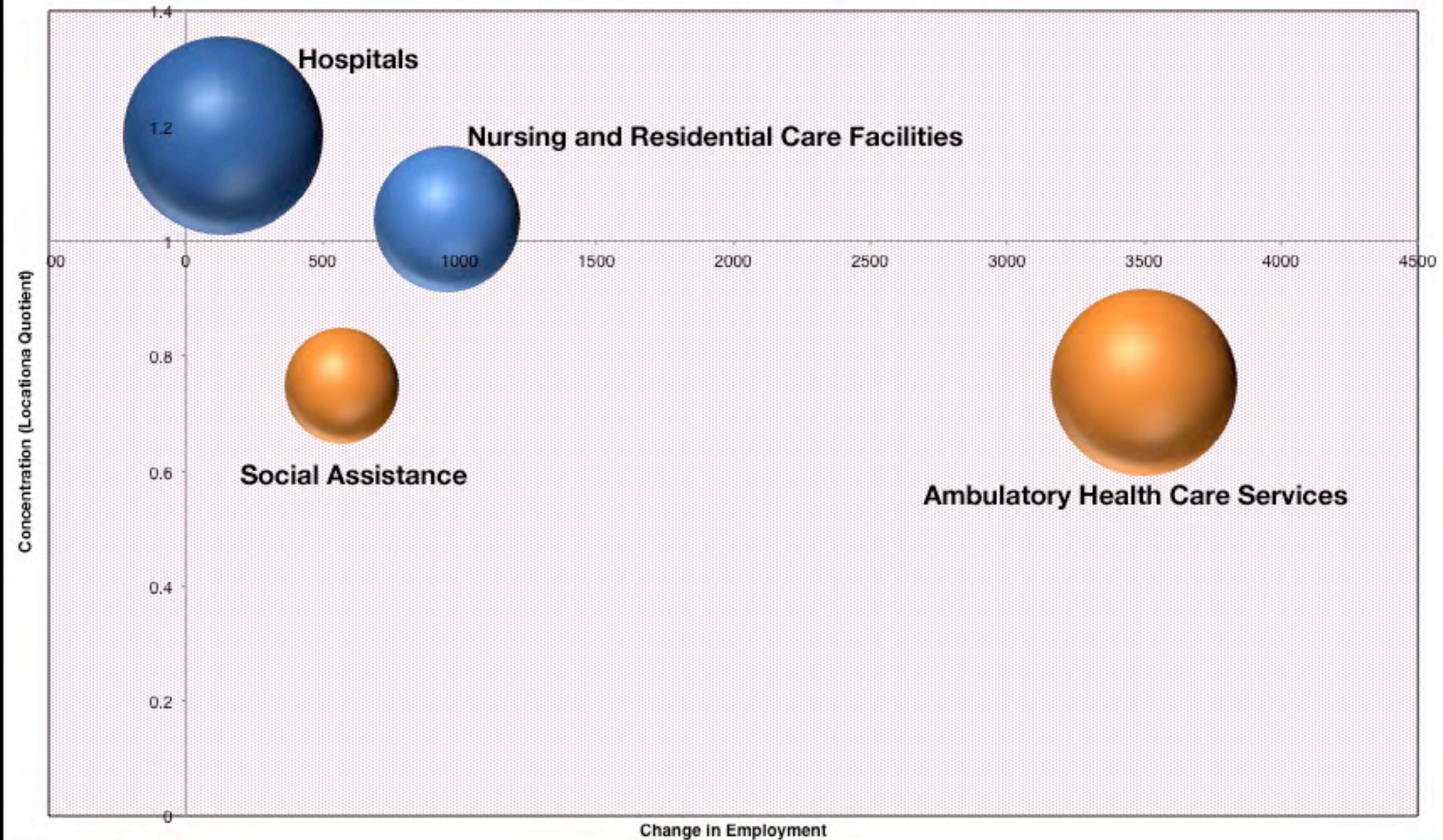
## HEALTH CARE

### 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 Industry	2022 Percent of Employment in this Occupation		
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	33	2	5.9	0.2		
622	Hospitals					2	6	0.3		
623	Nursing and Residential Care Facilities					1	2.5	0.2		
624	Social Assistance					1	1.7	0.2		
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	31	9	30	1.3		
622	Hospitals					11	36.4	2.1		
623	Nursing and Residential Care Facilities					3	10.8	1.1		
624	Social Assistance					1	1.9	0.2		
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors **	10	3	30.4	0.6		
622	Hospitals					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	8	0.4		
622	Hospitals					1	3.1	0.2		
623	Nursing and Residential Care Facilities					3	17.1	2		
624	Social Assistance					7	40.7	5.1		
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	19	1	4.2	0.2		
622	Hospitals					5	25.3	1.3		
623	Nursing and Residential Care Facilities					13	56.3	1.8		
624	Social Assistance					6	25	1		
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	23	2	6.7	0.5		
622	Hospitals					3	28.4	0.5		
623	Nursing and Residential Care Facilities					10	1	13.6	0.3	
624	Social Assistance					40	20.1	7.4		
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	10	1	13.6	0.3		
622	Hospitals					3	28.4	0.5		
623	Nursing and Residential Care Facilities					14	7	5.8		
624	Social Assistance					2	0.9	0.8		
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	199	118	59.2	28.9		
622	Hospitals					6	62	1		
623	Nursing and Residential Care Facilities					3	25.4	0.6		
624	Social Assistance					7	41.4	1.3		
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	16	7	44.3	1.1		
622	Hospitals					12	97.4	2.8		
623	Nursing and Residential Care Facilities					4	36.7	1		
624	Social Assistance					7	56.9	2.1		
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	25	55	1.8		
622	Hospitals					7	15.2	0.7		
623	Nursing and Residential Care Facilities					1	3.5	0.2		
624	Social Assistance					3	16.2	1		
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	17	16	28.9	3		
622	Hospitals					9	16.3	2.3		
623	Nursing and Residential Care Facilities					21	39.1	9.1		
624	Social Assistance					1	1.4	0.4		
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	54	7	35.4	0.9		
622	Hospitals					7	37.6	1.3		
623	Nursing and Residential Care Facilities					2	8.9	0.5		
624	Social Assistance					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					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		
624	Social Assistance					1	1.2	0.2		
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	71	2	2.7	0.7		
622	Hospitals					2	2.7	0.7		
623	Nursing and Residential Care Facilities					6	11.8	0.6		
624	Social Assistance					2	4.6	0.3		
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	51	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		
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	73	2	2.9	0.8		
622	Hospitals					2	2.9	0.8		
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 Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in the Industry that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level	
Health Informatics	11-3011	Administrative Services Managers **	33	2 1 1	5.9 2.5 1.7	0.2 0.3 0.2	\$58,479	High school diploma or equivalent	1 to 5 years	None	
Health Informatics	11-9111	Medical & Health Services Managers	31	9 11 3 1	30.4 36.4 10.8 1.9	0.6 2.1 1.1 0.2	\$101,541	Bachelor's degree	None	None	
Support Services	21-1014	Mental Health Counselors**	10	1 2 2	10 17.6 20.1	0.3 0.7 0.9	\$36,187	Master's degree	None	Internship/residency	
Support Services	21-1093	Social & Human Services Assistants**	18	1 1 3 7	8 3.1 17.1 40.7	0.4 0.2 2 5.1	\$24,155	High school diploma or equivalent	None	Short-term on-the-job training	
Therapeutic Services	29-1051	Pharmacists	19	1 5	4.2 25.3	0.2 1.3	\$121,442	Doctoral or professional degree	None	None	
Therapeutic Services	29-1123	Physical Therapists	23	13 6 2	56.3 25 6.7	1.8 1 0.5	\$78,136	Doctoral or professional degree	None	None	
Therapeutic Services	29-1127	Speech-Language Pathologists	10	3 1	28.4 13.6	0.5 0.3	\$59,919	Master's degree	None	None	
Therapeutic Services	29-1141	Registered Nurses	199	40 118 14	20.1 59.2 7	7.4 28.9 5.8	\$55,636	Associate's or Bachelor's degree	None	None	
Therapeutic Services	29-1171	Nurse Practitioners	10	6 3	62 25.4	1 0.6	\$88,355	Master's degree	None	None	
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	16	7 7	44.3 41.4	1.1 1.3	\$37,645	Associate's degree	None	None	
Therapeutic Services	29-2021	Dental Hygienists	12	12	97.4	2.8	\$54,537	Associate's degree	None	None	
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	4 7	36.7 56.9	1 2.1	\$55,377	Associate's degree	None	None	
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	46	25 7	55 15.2	1.8 0.7	\$23,541	Postsecondary non-degree award	None	None	
Therapeutic Services	29-2052	Pharmacy Technicians	17	1 3	3.5 16.2	0.2 1	\$25,814	High school diploma or equivalent	None	Moderate-term on-the-job training	
Therapeutic Services	29-2061	Licensed Practical Nurses	54	16 9 21 1	28.9 16.3 39.1 1.4	3 2.3 9.1 0.4	\$44,180	Postsecondary non-degree award	None	None	
Health Informatics	29-2071	Med Records & Health Info Technicians	19	7 2	35.4 37.6	0.9 1.3	\$30,999	Postsecondary non-degree award	None	None	
Therapeutic Services	31-1014	Nursing Assistants	103	9 25 56 2	8.9 24.4 53.9 1.9	0.5 1.8 24.4 1	\$22,907	Postsecondary non-degree award	None	None	
Therapeutic Services	31-9091	Dental Assistants	14	13 37	95.4 79.7	4.1 6.6	\$32,090	Postsecondary non-degree award	None	None	
Health Informatics	31-9092	Medical Assistants	47	6 1	12.4 2	1.4 0.4	\$31,045	High school diploma or equivalent	None	Moderate-term on-the-job training	
Health Informatics	31-9099	Healthcare Support Workers, All Other	22	5 7 2	22.5 33.9 8.5	0.3 0.6 0.3	\$31,055	High school diploma or equivalent	None	Short-term on-the-job training	
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	71	1 2 2	1.2 2.7 2.7	0.2 0.7 0.7	\$26,894	High school diploma or equivalent	1 to 5 years	None	
Health Informatics	43-3011	Bill and Account Collectors**	51	6 2	11.8 4.6	0.6 0.3	\$35,817	High school diploma or equivalent	None	Moderate-term on-the-job training	
Health Informatics	43-4171	Receptionists & Information Clerks **	73	30 3 2 1	40.6 3.7 2.9 2	5.3 0.6 0.8 0.6	\$25,197	High school diploma or equivalent	None	Short-term on-the-job training	

## ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION						
SOC Code	SOC Title	Average Annual Salary Openings	NAICS	DESCRIPTION	Annual Occupational 2022 Percent of occupation Industry	
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
15-1122	Information Security Analysts	7	5415	Computer systems design and related services	22	28.9
			5416	Management, scientific, and technical consulting services	3	3.9
			9992	State government, excluding education and hospitals	3	3.6
			522	Credit intermediation and related activities	1	8.3
			523	Securities, commodity contracts, and other financial investments and	0	4.4
15-1131	Computer Programmers	38	524	Insurance carriers and related activities	0	3.9
			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
15-1132	Software Developers, Applications	62	334	Computer and electronic product manufacturing	2	3.5
			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
15-1133	Software Developers, Systems Software	35	5415	Computer systems design and related services	24	38.9
			5416	Management, scientific, and technical consulting services	3	4.1
			334	Computer and electronic product manufacturing	4	10.8
			423	Merchant wholesalers, durable goods	1	3.7
			5112	Software publishers	2	6.9
15-1134	Web Developers	6	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
			5417	Scientific research and development services	1	3.5
			519	Other information services	0	5.7
15-1141	Database Administrators	13	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
15-1142	Network & Computer Sys. Administrators	26	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
			5241	Insurance carriers	1	5.4
			5415	Computer systems design and related services	3	20.4
15-1143	Computer Network Architects	9	5416	Management, scientific, and technical consulting services	1	4.4
			517	Telecommunications	1	3.9
			518	Data processing, hosting and related services	0	3.9
			524	Insurance carriers and related activities	0	5.1
			551	Management of companies and enterprises	0	4.9
15-1151	Computer User Support Specialists	54	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
15-1152	Computer Network Support Specialists	7	5416	Management, scientific, and technical consulting services	0	5.0
			423	Merchant wholesalers, durable goods	3	5.2
			517	Telecommunications	1	7.3
			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
			5613	Employment services	2	3.6
			423	Merchant wholesalers, durable goods	0	4.3
			517	Telecommunications	1	7.3
			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 Completions	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			
			3	Masters	
	Universities	Bradley University	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
Truck Drivers, Heavy & Tractor Trailer** Truck Drivers, Light & Delivery Services	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
Cargo & Freight Agents (Route Planners)	52.0408	General Office Occupations			
	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		
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				

HEALTH CARE

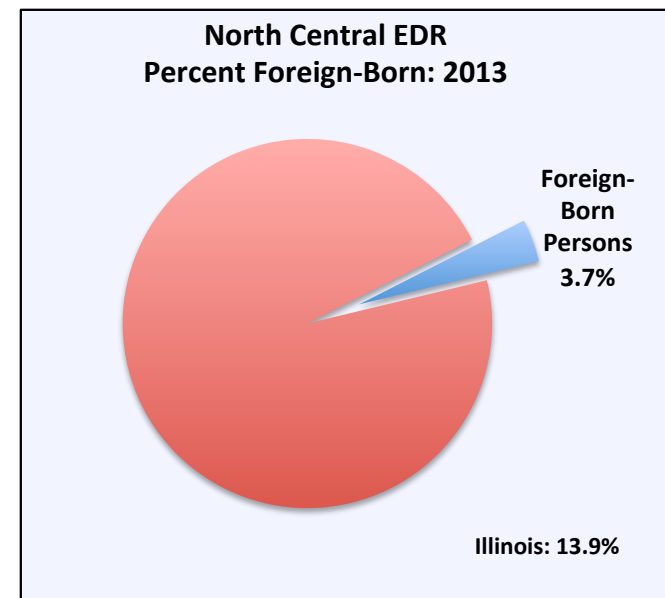
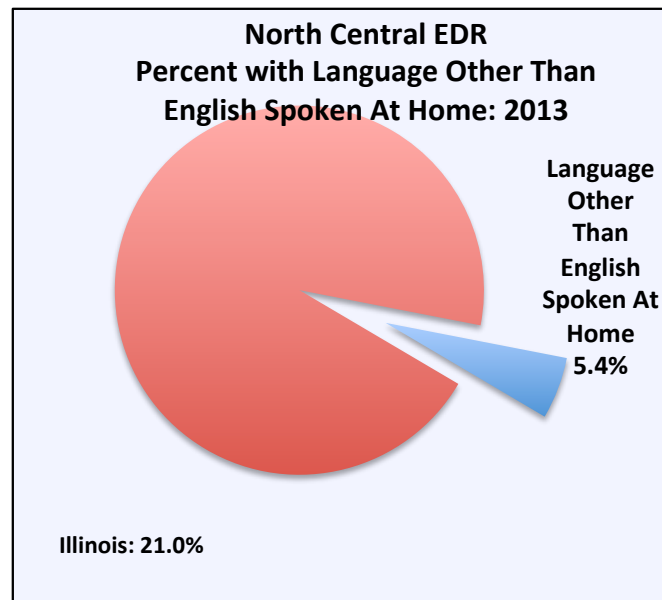
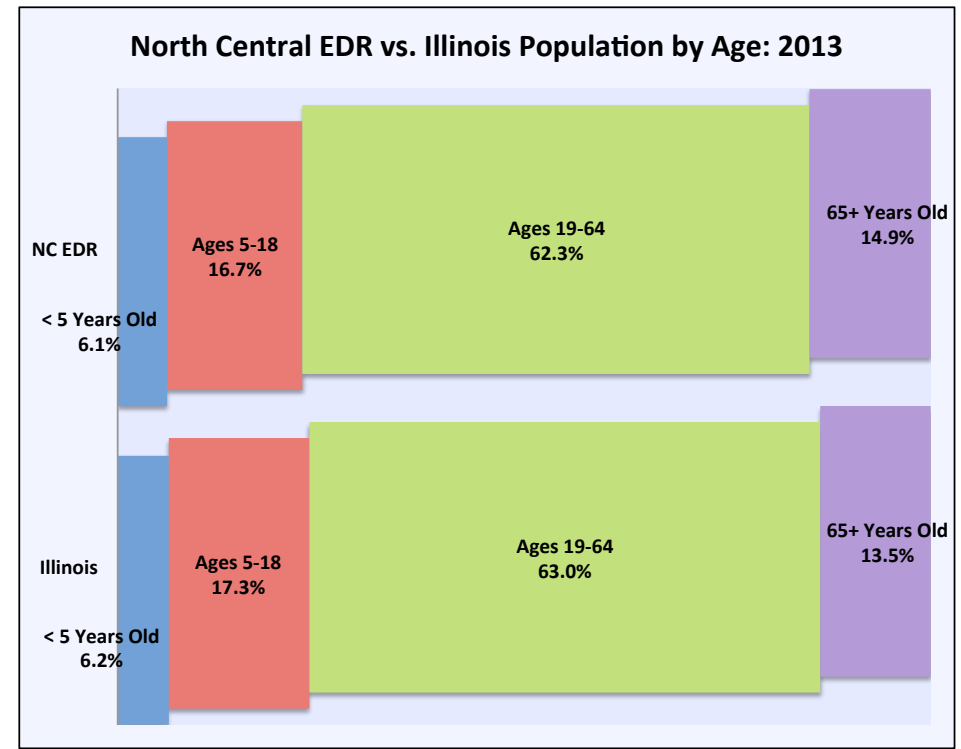
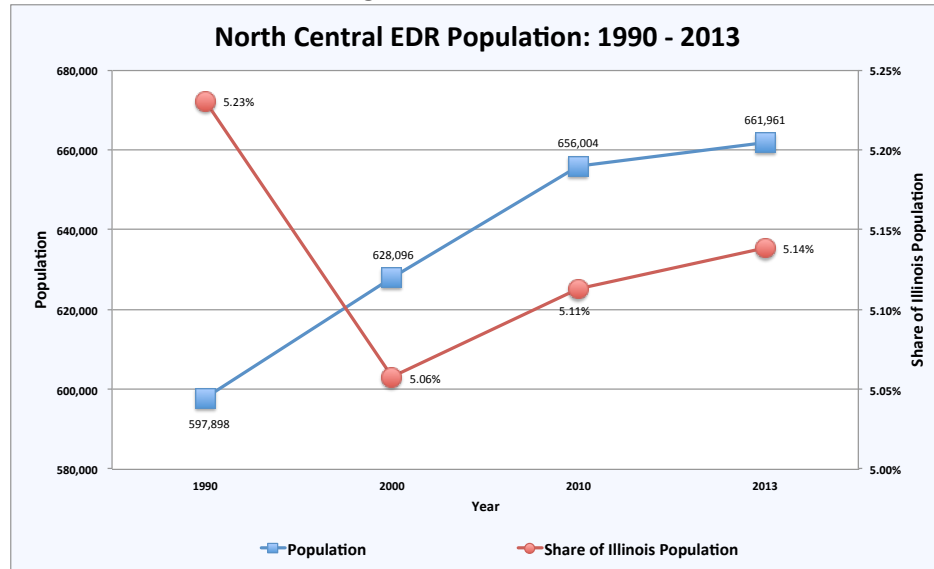
NORTH CENTRAL REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers	
Registered Nurses	51.3801	Registered Nursing				
		Heartland CC	27	Associate	Graham Hospital School of Nursing	
		Community Colleges			Illinois Central College	
		IL Central College	70	Associate		
		Spoon River College	28	Associate	Methodist Medical Ctr Coll of Nursing	
		Bradley University	75	Bachelor	St. Francis Medical Ctr	
			0	Masters	Spoon River College	
		IL State University	167	Bachelor		
		Other Colleges				
		Methodist College	125	Bachelor		
			188	Bachelor		
		St. Francis Med Ctr/Coll of Nursing	52	Masters		
			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	
Nursing Assistants		St. Francis Med Ctr/Coll of Nursing				
		Nursing Practice	4	Dr Prof Practice		
	51.3818					
		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		
		Nurse Aide				
	51.3902					
Licensed Practical Nurses		Community Colleges	262	<1 Yr Cert	Livingston Area Vocational Center	
		Spoon River College	34	<1 Yr Cert	Spoon River College	
	51.0712	Medical Reception		No Programs in this EDR		
Medical Assistants						
	51.0712	Medical Reception/Receptionist		No Programs in this EDR		
	51.0713	Medical Insurance Coding Specialist/Coder				
		Heartland CC	3	1-2 Yr Cert		
		IL Central College	5	<1 Yr Cert		
		Spoon River College	5	<1 Yr Cert		
	51.0716	Med Admin/Exec Assistant & Med Secretary		No Programs in this EDR		
	51.0801	Med/Clinical Assistant		No Programs in this EDR		
	51.0809	Anesthesiologist 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

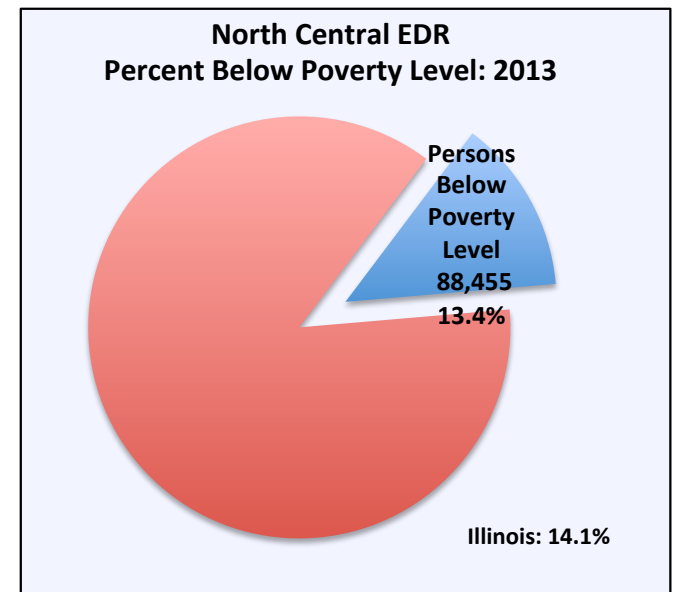
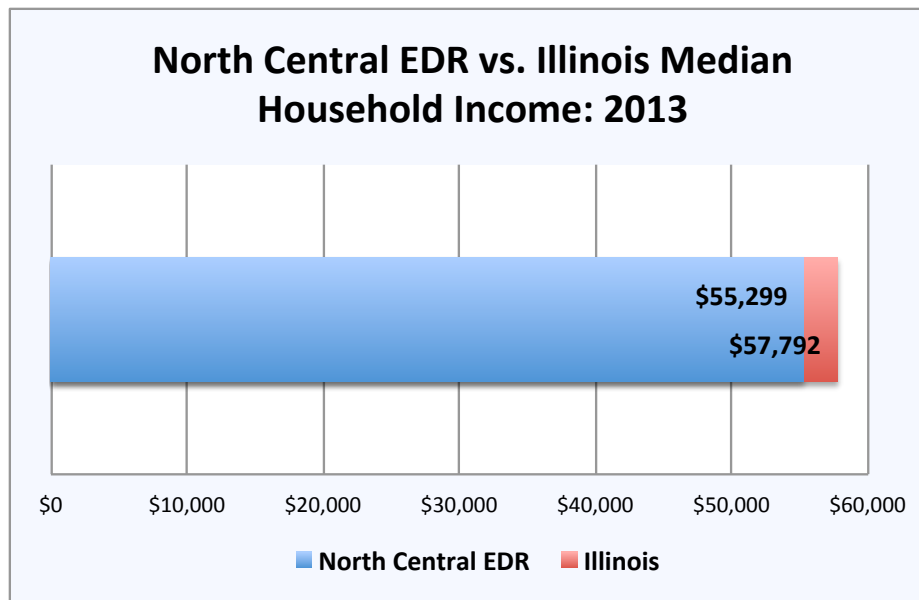
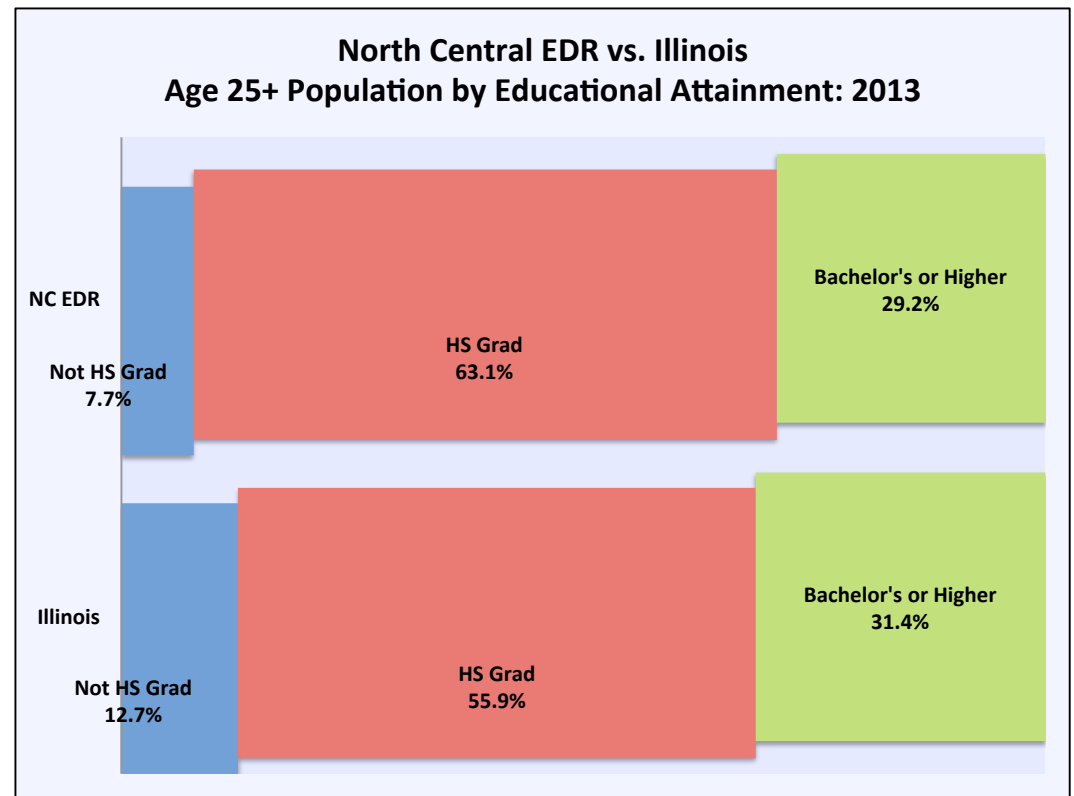
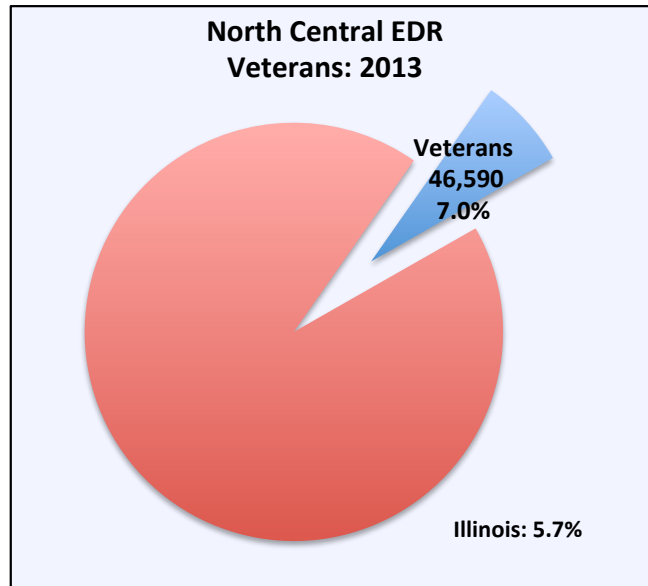


## ATTACHMENT M - Regional Data



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

# ATTACHMENT M - Regional Data



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

# ATTACHMENT M - Regional Data

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.

**ATTACHMENT M - Regional Data**

<b>North Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates</b> by <b>Career Cluster</b>																			
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
	Rate	6.8
TANF	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



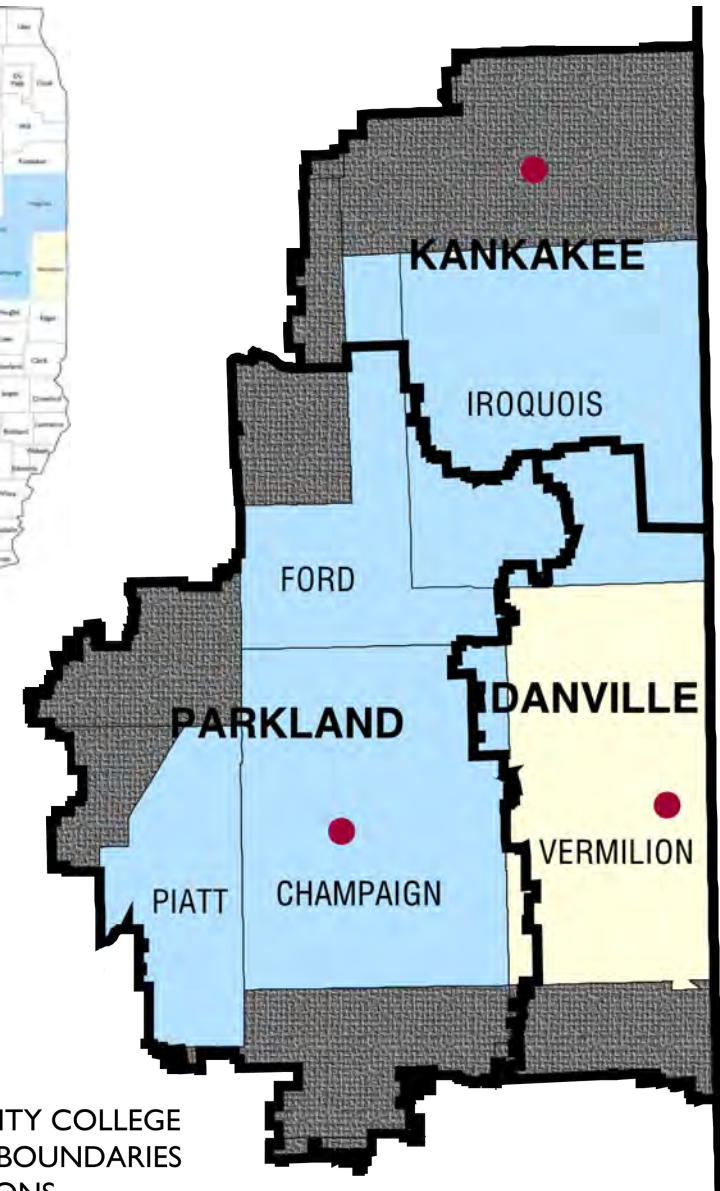
## EAST CENTRAL ECONOMIC DEVELOPMENT REGION

East Central EDR Counties	2013 Population Estimates	Percent of EDR Population
Champaign	204,897	59%
Ford	13,832	4%
Iroquois	28,982	8%
Piatt	16,433	5%
Vermilion	80,329	23%
<b>Total Population</b>	<b>344,473</b>	

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

East Central EDR Population Centers	2012 Population Estimates	Percent of EDR Population
Champaign	82,517	24%
Urbana	41,581	12%
Danville	32,649	9%
Rantoul	12,937	4%
Hoopeston	5,286	2%
Watseka	5,199	2%

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



**EAST CENTRAL REGION****EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER**

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	62,158	68,547	6,389	10.3%	1.66
Hospitality & Tourism	53,453	58,653	5,200	9.7%	1.79
Education & Training	35,877	39,592	3,715	10.4%	2.37
Health Care	17,104	18,776	1,672	9.8%	0.74
Manufacturing	13,563	13,630	67	0.5%	1.34
Transportation, Distribution & Logistics	10,351	11,655	1,304	12.6%	1.00
Law & Public Safety	10,053	11,651	1,598	15.9%	0.46
Business Management	9,172	10,059	887	9.7%	0.98
Finance	6,364	6,428	64	1.0%	0.47
Construction	5,224	5,820	596	11.4%	0.59
Agriculture	5,443	5,383	- 60	-1.1%	3.34
Information Technology	1,787	2,352	565	31.6%	0.76
Research & Development	1,173	1,277	104	8.9%	0.46
Arts & Audio Visual	1,078	1,034	- 44	-4.1%	0.36
Energy	438	548	110	25.1%	0.43

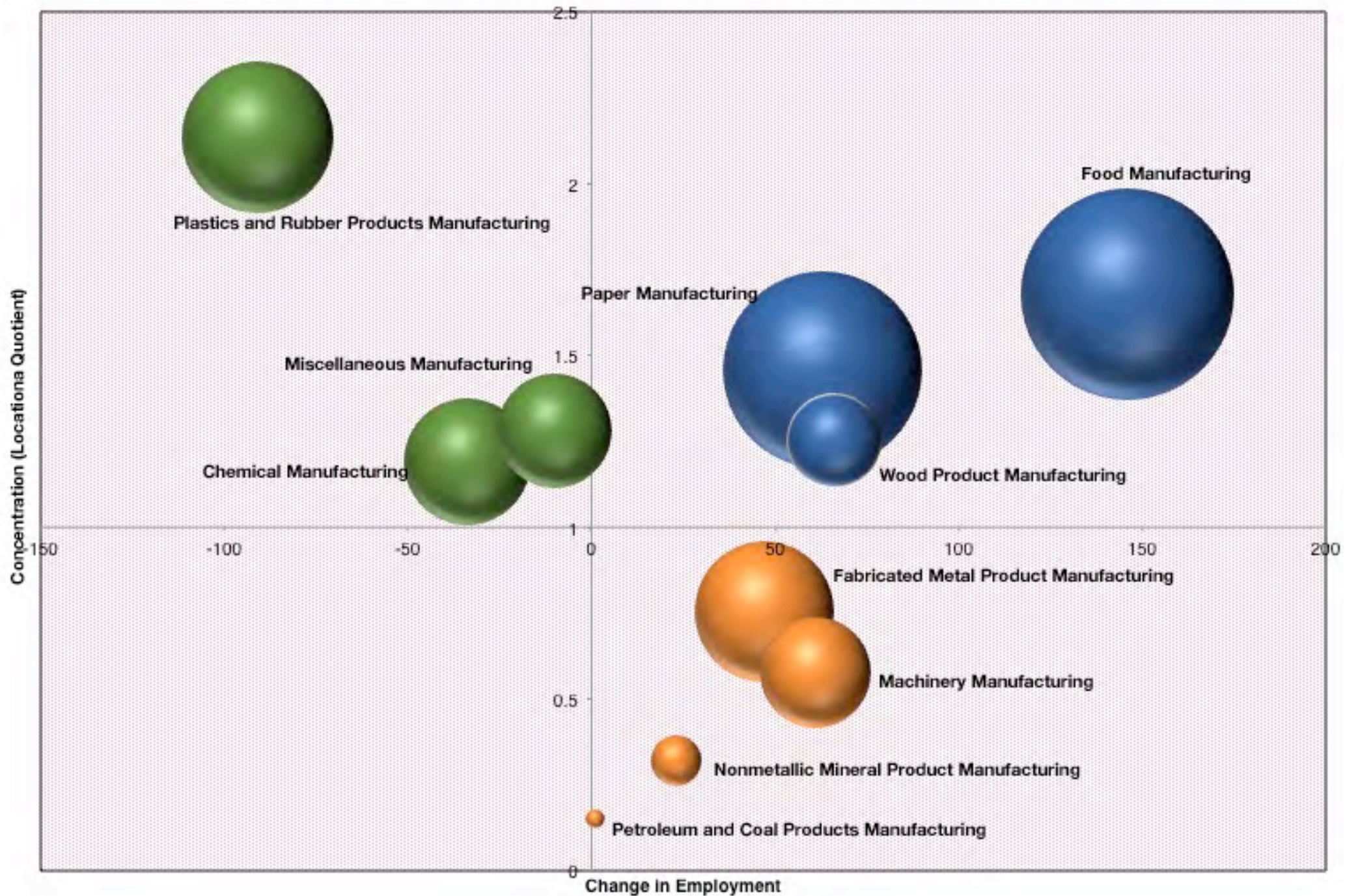
**MAJOR INDUSTRY CLUSTERS IN THE EAST CENTRAL REGION**

<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>3,072</b>	<b>3,218</b>	<b>146</b>	<b>4.8%</b>	<b>1.68</b>	<b>Leading</b>
312	Beverage and Tobacco Product Manufacturing	85	78	(7)	-8.2%	0.35	
314	Textile Product Mills	-	-	-	0.0%	-	
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>534</b>	<b>600</b>	<b>66</b>	<b>12.4%</b>	<b>1.25</b>	<b>Leading</b>
322	Paper Manufacturing	-	-	-	0.0%	-	
323	Printing and Related Support Activities	491	369	(122)	-24.8%	0.85	
<b>324</b>	<b>Petroleum and Coal Products Manufacturing</b>	<b>21</b>	<b>22</b>	<b>1</b>	<b>4.8%</b>	<b>0.15</b>	<b>Emerging</b>
<b>325</b>	<b>Chemical Manufacturing</b>	<b>1,173</b>	<b>1,139</b>	<b>(34)</b>	<b>-2.9%</b>	<b>1.19</b>	<b>Maturing</b>
<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>	<b>1,726</b>	<b>1,635</b>	<b>(91)</b>	<b>-5.3%</b>	<b>2.13</b>	<b>Maturing</b>
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	<b>147</b>	<b>170</b>	<b>23</b>	<b>15.6%</b>	<b>0.32</b>	<b>Emerging</b>
331	Primary Metal Manufacturing	-	-	-	0.0%	-	
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>1,333</b>	<b>1,380</b>	<b>47</b>	<b>3.5%</b>	<b>0.75</b>	<b>Emerging</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>793</b>	<b>854</b>	<b>61</b>	<b>7.7%</b>	<b>0.58</b>	<b>Emerging</b>
334	Computer and Electronic Product Manufacturing	483	407	(76)	-15.7%	0.35	
335	Electrical Equipment, Appliance, and Component Manufacturing	-	-	-	0.0%	-	
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>2,738</b>	<b>2,801</b>	<b>63</b>	<b>2.3%</b>	<b>1.46</b>	<b>Leading</b>
337	Furniture and Related Product Manufacturing	39	39	-	0.0%	0.09	
<b>339</b>	<b>Miscellaneous Manufacturing</b>	<b>928</b>	<b>918</b>	<b>(10)</b>	<b>-1.1%</b>	<b>1.28</b>	<b>Maturing</b>



**MANUFACTURING**

LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION



## ATTACHMENT M - Regional Data

MANUFACTURING										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Manufacturing Production Process Development	41-4011	Sales Reps, Whls/Mfg, Tech/SciProds**	13	1	3.9	1.7	\$59,921	Bachelor's degree	None	Moderate-term on-the-job training
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific**	48	1	1.4	2.3	\$45,521	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2	2.1				
				1	1.2	4.4				
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	21	1	2.5	1.2	\$30,748	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.5	1.7				
				1	3.9	1.8				
				1	2.6	1.3				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	17	1	4.9	1.3	\$47,898	High school diploma or equivalent	None	Long-term on-the-job training
				1	5	1.9				
				1	4.5	1.1				
				1	3.8	4				
				1	3.4	2.1				
				1	5.3	2.7				
				1	3.4	3.7				
				2	9.1	2.4				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	37	1	1.4	1.4	\$35,124	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.3	2.3				
Production	51-1011	1st-Line Spvrts/Mgrs, Prod. & Operating Workers**	10	1	7.2	2.9	\$55,402	Postsecondary non-degree award	1 to 5 years	None
				1	5.7	3.3				
				1	11.1	4.3				
				1	7.8	3.2				
Production	51-2092	Team Assemblers	41	2	5.6	11.6	\$28,980	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.3	9.9				
				8	20.3	15.1				
				2	3.8	12.8				
				1	3.6	4.1				
				4	10	10.7				
				3	7.3	5.3				
				1	3.6	6.5				
				1	3.3	9.1				
				1	2.5	1.9				
Production	51-3092	Food Batchmakers	11	9	79.3	5.6	\$33,912	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
Production	51-4041	Machinists**	17	2	12	3.6	\$35,456	High school diploma or equivalent	None	Long-term on-the-job training
				1	3	1.4				
				3	16.6	7				
				6	35.1	10.2				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	14	1	10	3.4	\$32,983	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.4	2.8				
				1	4.7	2.3				
				1	8.9	2.9				
				1	5.6	4.7				
				1	4.8	3.2				
				1	6.6	2.2				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	13	2	11.8	6	\$26,650	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.2	10.3				
				4	30.3	7.8				
Production	51-9199	Production Workers, All Other	15	1	4.8	0.9	\$31,154	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.8	0.7				
				1	3.5	1.2				
				2	10.9	2				



## ATTACHMENT M - Regional Data

MANUFACTURING								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION								
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	18	1	3.5	2.8
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Whls/Mfg, Tech/SciProds**	13	1	3.9	1.7
333	Machinery Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex.Tech/Scentific**	48	1	1.4	2.3
332	Fabricated Metal Product Manufacturing					1	2	2.1
323	Printing and Related Support Activities					1	1.2	4.4
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	21	1	2.5	1.2
333	Machinery Manufacturing					1	2.5	1.7
332	Fabricated Metal Product Manufacturing					1	3.9	1.8
311	Food Manufacturing					1	2.6	1.3
336	Transportation Equipment Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	17	1	4.9	1.3
333	Machinery Manufacturing					1	5	1.9
332	Fabricated Metal Product Manufacturing					1	4.5	1.1
331	Primary Metal Manufacturing					1	3.8	4
326	Plastics and Rubber Products Manufacturing					1	3.4	2.1
325	Chemical Manufacturing					1	5.3	2.7
322	Paper Manufacturing					1	3.4	3.7
311	Food Manufacturing					2	9.1	2.4
332	Fabricated Metal Product Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	37	1	1.4	1.4
311	Food Manufacturing					1	2.3	2.3
336	Transportation Equipment Manufacturing	Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	10	1	7.2	2.9
333	Machinery Manufacturing					1	5.7	3.3
332	Fabricated Metal Product Manufacturing					1	11.1	4.3
311	Food Manufacturing					1	7.8	3.2
339	Miscellaneous Manufacturing	Production	51-2092	Team Assemblers	41	2	5.6	11.6
337	Furniture and Related Product Manufacturing					1	3.3	9.9
336	Transportation Equipment Manufacturing					8	20.3	15.1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	3.8	12.8
334	Computer and Electronic Product Manufacturing					1	3.6	4.1
333	Machinery Manufacturing					4	10	10.7
332	Fabricated Metal Product Manufacturing					3	7.3	5.3
326	Plastics and Rubber Products Manufacturing					1	3.6	6.5
321	Wood Product Manufacturing					1	3.3	9.1
311	Food Manufacturing					1	2.5	1.9
311	Food Manufacturing	Production	51-3092	Food Batchmakers	11	9	79.3	5.6
336	Transportation Equipment Manufacturing	Production	51-4041	Machinists**	17	2	12	3.6
334	Computer and Electronic Product Manufacturing					1	3	1.4
333	Machinery Manufacturing					3	16.6	7
332	Fabricated Metal Product Manufacturing					6	35.1	10.2
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	14	1	10	3.4
334	Computer and Electronic Product Manufacturing					1	5.4	2.8
333	Machinery Manufacturing					1	4.7	2.3
332	Fabricated Metal Product Manufacturing					1	8.9	2.9
326	Plastics and Rubber Products Manufacturing					1	5.6	4.7
325	Chemical Manufacturing					1	4.8	3.2
311	Food Manufacturing					1	6.6	2.2
325	Chemical Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	13	2	11.8	6
312	Beverage and Tobacco Product Manufacturing					1	5.2	10.3
311	Food Manufacturing					4	30.3	7.8
336	Transportation Equipment Manufacturing	Production	51-9199	Production Workers, All Other	15	1	4.8	0.9
332	Fabricated Metal Product Manufacturing					1	3.8	0.7
325	Chemical Manufacturing					1	3.5	1.2
311	Food Manufacturing					2	10.9	2

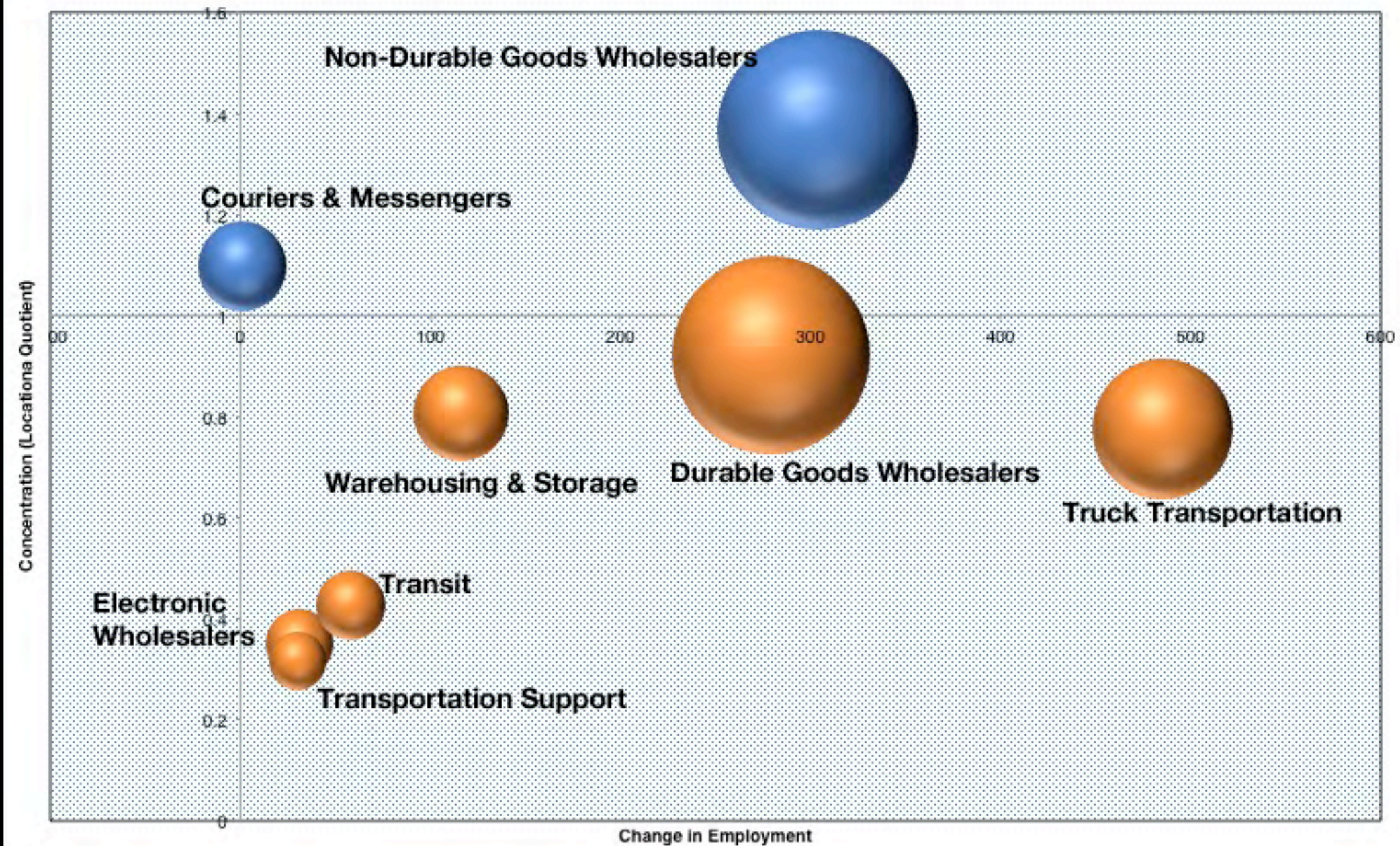


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	3,267	3,546	279	8.5%	0.92	Emerging
424	Merchant Wholesalers, Nondurable Goods	3,355	3,659	304	9.1%	1.37	Leading
425	Wholesale Electronic Markets and Agents and Brokers	386	417	31	8.0%	0.35	Emerging
481	Air Transportation	-	-	-	0.0%	-	
484	Truck Transportation	1,305	1,790	485	37.2%	0.78	Emerging
485	Transit and Ground Passenger Transportation	363	421	58	16.0%	0.43	Emerging
486	Pipeline Transportation	-	-	-	0.0%	-	
488	Support Activities for Transportation	260	290	30	11.5%	0.32	Emerging
492	Couriers and Messengers	723	724	1	0.1%	1.10	Leading
493	Warehousing and Storage	692	808	116	16.8%	0.81	Emerging



## TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	37	1	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					1	1.6	1.2
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	21	3	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					2	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
492	Couriers and Messengers					1	5	7.2
493	Warehousing and Storage					1	4.7	4.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	11	5	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	60	2	3.2	2
424	Merchant Wholesalers, Nondurable Goods					5	7.9	7.3
484	Truck Transportation					28	46.3	59.7
488	Support Activities for Transportation					2	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					1	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	24	2	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					2	7.6	3.2
484	Truck Transportation					1	6.1	3.6
492	Couriers and Messengers					4	17.1	30.5

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supervisors, Office & Admin. Support Workers**	37	1	2.5	1.3	\$44,357	High school diploma or equivalent	1 to 5 years	None
				1	1.6	1.2				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	21	3	13.5	3.2	\$30,748	High school diploma or equivalent	None	Short-term on-the-job training
				2	7.8	2.7				
				1	2.7	1.7				
				1	5	7.2				
				1	4.7	4.1				
Transportation Operations	53-3022	School Bus Drivers	11	5	41.2	41.1	\$27,684	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	60	2	3.2	2	\$37,338	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				5	7.9	7.3				
				28	46.3	59.7				
				2	3.1	8.5				
				1	1.5	5.6				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	24	1	2.2	5.3	\$26,854	High school diploma or equivalent	None	Short-term on-the-job training
				2	8.4	2.5				
				2	7.6	3.2				
				1	6.1	3.6				
				4	17.1	30.5				

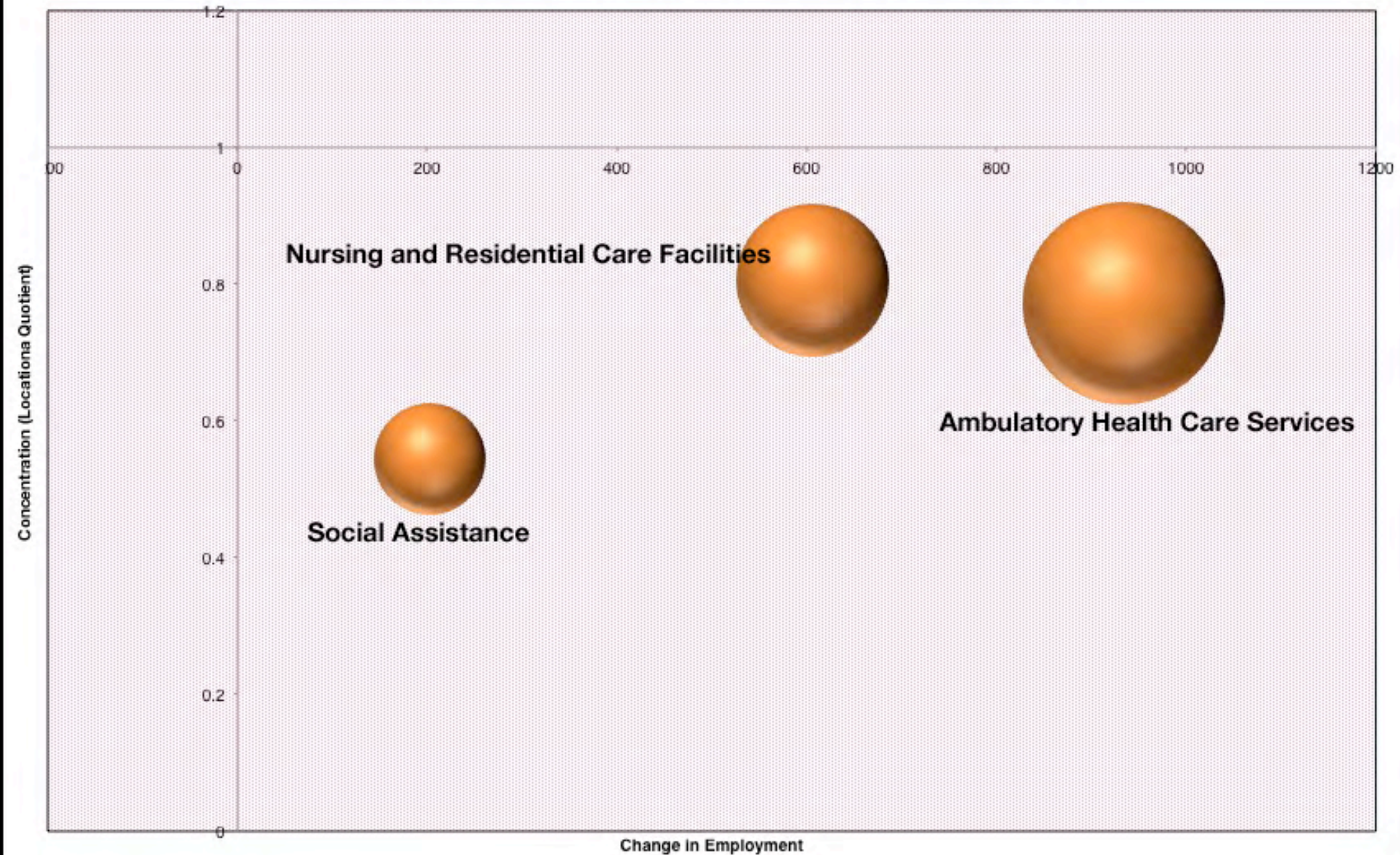
## HEALTH CARE

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

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	6,218	7,153	935	15.0%	0.77	Emerging
622	Hospitals	5,523	5,451	(72)	-1.3%	0.73	
623	Nursing and Residential Care Facilities	3,437	4,043	606	17.6%	0.81	Emerging
624	Social Assistance	1,926	2,129	203	10.5%	0.54	Emerging

## HEALTH CARE

LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION





# HEALTHCARE

## ATTACHMENT M - Regional Data

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	12	1	5.9	0.2
622	Hospitals					1	6	0.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	10	3	30	1.3
622	Hospitals					4	36.4	2.1
623	Nursing and Residential Care Facilities					1	10.8	1.1
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	8	1	8	0.4
623	Nursing and Residential Care Facilities					1	17.1	2
624	Social Assistance					3	40.7	5.1
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	6	2	25.3	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	10	6	56.3	1.8
622	Hospitals					3	25	1
623	Nursing and Residential Care Facilities					1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	75	15	20.1	7.4
622	Hospitals					44	59.2	28.9
623	Nursing and Residential Care Facilities					5	7	5.8
624	Social Assistance					1	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	13	7	55	1.8
622	Hospitals					2	15.2	0.7
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	6	1	16.2	1
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	23	7	28.9	3
622	Hospitals					4	16.3	2.3
623	Nursing and Residential Care Facilities					9	39.1	9.1
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	8	3	35.4	0.9
622	Hospitals					3	37.6	1.3
623	Nursing and Residential Care Facilities					1	8.9	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	42	4	9	1.8
622	Hospitals					10	24.4	6.6
623	Nursing and Residential Care Facilities					23	53.9	24.4
624	Social Assistance					1	1.9	1
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	6	6	95.4	4.1
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	24	19	79.7	6.6
622	Hospitals					3	12.4	1.4
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	7	2	22.5	0.3
622	Hospitals					2	33.9	0.6
623	Nursing and Residential Care Facilities					1	8.5	0.3
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	33	1	2.7	0.7
623	Nursing and Residential Care Facilities					1	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	14	2	11.8	0.6
622	Hospitals					1	4.6	0.3
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	30	12	40.6	5.3
622	Hospitals					1	3.7	0.6
623	Nursing and Residential Care Facilities					1	2.9	0.8
624	Social Assistance					1	2	0.6

ATTACHMENT M - Regional Data

HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is 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
Health Informatics	11-3011	Administrative Services Managers **	12	1	5.9	0.2	\$70,007	High school diploma or equivalen	1 to 5 years	None
				1	6	0.3				
Health Informatics	11-9111	Medical & Health Services Managers	10	3	30	1.3	\$96,006	Bachelor's degree	None	None
				4	36.4	2.1				
				1	10.8	1.1				
Support Services	21-1093	Social & Human Services Assistants**	8	1	8	0.4	\$23,545	High school diploma or equivalen	None	Short-term on-the-job training
				1	17.1	2				
				3	40.7	5.1				
Therapeutic Services	29-1051	Pharmacists	6	2	25.3	1.3	\$121,607	Doctoral or professional degree	None	None
Therapeutic Services	29-1123	Physical Therapists	10	6	56.3	1.8	\$81,093	Doctoral or professional degree	None	None
				3	25	1				
				1	6.7	0.5				
Therapeutic Services	29-1141	Registered Nurses	75	15	20.1	7.4	\$57,768	Associate's or Bachelor's degree	None	None
				44	59.2	28.9				
				5	7	5.8				
				1	0.9	0.8				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	13	7	55	1.8	\$30,829	Postsecondary non-degree award	None	None
				2	15.2	0.7				
Therapeutic Services	29-2052	Pharmacy Technicians	6	1	16.2	1	\$24,487	High school diploma or equivalen	None	Moderate-term on-the-job training
Therapeutic Services	29-2061	Licensed Practical Nurses	23	7	28.9	3	\$40,896	Postsecondary non-degree award	None	None
				4	16.3	2.3				
				9	39.1	9.1				
Health Informatics	29-2071	Med Records & Health Info Technicians	8	3	35.4	0.9	\$35,013	Postsecondary non-degree award	None	None
				3	37.6	1.3				
				1	8.9	0.5				
Therapeutic Services	31-1014	Nursing Assistants	42	4	9	1.8	\$23,916	Postsecondary non-degree award	None	None
				10	24.4	6.6				
				23	53.9	24.4				
				1	1.9	1				
Therapeutic Services	31-9091	Dental Assistants	6	6	95.4	4.1	\$31,202	Postsecondary non-degree award	None	None
Health Informatics	31-9092	Medical Assistants	24	19	79.7	6.6	\$31,642	High school diploma or equivalen	None	Moderate-term on-the-job training
				3	12.4	1.4				
Health Informatics	31-9099	Healthcare Support Workers, All Other	7	2	22.5	0.3	\$34,374	High school diploma or equivalen	None	Short-term on-the-job training
				2	33.9	0.6				
				1	8.5	0.3				
Health Informatics	35-1012	1st-Line Svrs/Mgrs, Food Prep/Serv **	33	1	2.7	0.7	\$27,123	High school diploma or equivalen	1 to 5 years	None
				1	2.7	0.7				
Health Informatics	43-3011	Bill and Account Collectors**	14	2	11.8	0.6	\$38,103	High school diploma or equivalen	None	Moderate-term on-the-job training
				1	4.6	0.3				
Health Informatics	43-4171	Receptionists & Information Clerks **	30	12	40.6	5.3	\$24,390	High school diploma or equivalen	None	Short-term on-the-job training
				1	3.7	0.6				
				1	2.9	0.8				
				1	2	0.6				

# ATTACHMENT M - Regional Data

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE EAST CENTRAL REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	15	522	Credit intermediation and related activities	1	4.1
			524	Insurance carriers and related activities	1	8.2
			551	Management of companies and enterprises	1	7.3
			611	Educational services; state, local, and private	1	4.5
			5241	Insurance carriers	1	7.4
			5415	Computer systems design and related services	4	28.9
			5416	Management, scientific, and technical consulting services	1	3.9
			9992	State government, excluding education and hospitals	1	3.6
15-1131	Computer Programmers	19	524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
			5112	Software publishers	1	5.4
			5415	Computer systems design and related services	8	40.6
			5613	Employment services	1	3.9
15-1132	Software Developers, Applications	18	334	Computer and electronic product manufacturing	1	3.5
			524	Insurance carriers and related activities	1	5.2
			551	Management of companies and enterprises	1	4.3
			5112	Software publishers	1	8.0
			5241	Insurance carriers	1	4.4
			5415	Computer systems design and related services	7	38.9
			5416	Management, scientific, and technical consulting services	1	4.1
15-1133	Software Developers, Systems Software	9	334	Computer and electronic product manufacturing	1	10.8
			423	Merchant wholesalers, durable goods	0	3.7
			5112	Software publishers	1	6.9
			5413	Architectural, engineering, and related services	0	4.5
			5415	Computer systems design and related services	3	37.8
			5416	Management, scientific, and technical consulting services	0	4.9
			5417	Scientific research and development services	0	3.5
15-1142	Network & Computer Sys. Administrators	9	517	Telecommunications	0	3.9
			524	Insurance carriers and related activities	0	4.4
			551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	2	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
15-1151	Computer User Support Specialists	16	423	Merchant wholesalers, durable goods	1	5.2
			551	Management of companies and enterprises	1	4.4
			611	Educational services; state, local, and private	2	12.7
			5112	Software publishers	1	4.3
			5415	Computer systems design and related services	4	24.6
			5613	Employment services	1	3.6

## ATTACHMENT M - Regional Data

MANUFACTURING					
EAST 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
Food Batchmakers	No Related Program of Study for This Occupation				
Team Assemblers	No Related Program of Study for This Occupation				
Machinists**	48.0503	Mach Shop Technology			
	Community Colleges	Parkland College	1	< 1 Yr Cert	

Notes:

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

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
EAST 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
Truck Drivers, Light & Delivery Services and School Bus Drivers	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
	Community Colleges	Danville CC	32	< 1 Yr Cert	Parkland College Business Development Center
		Parkland College	45	< 1 Yr Cert	
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				

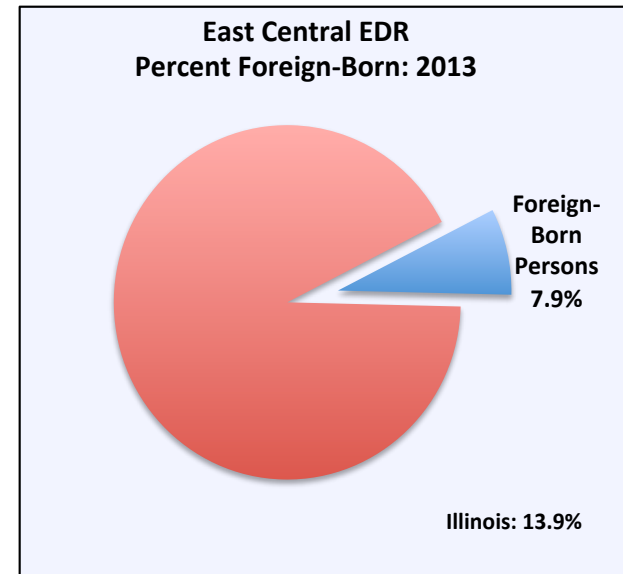
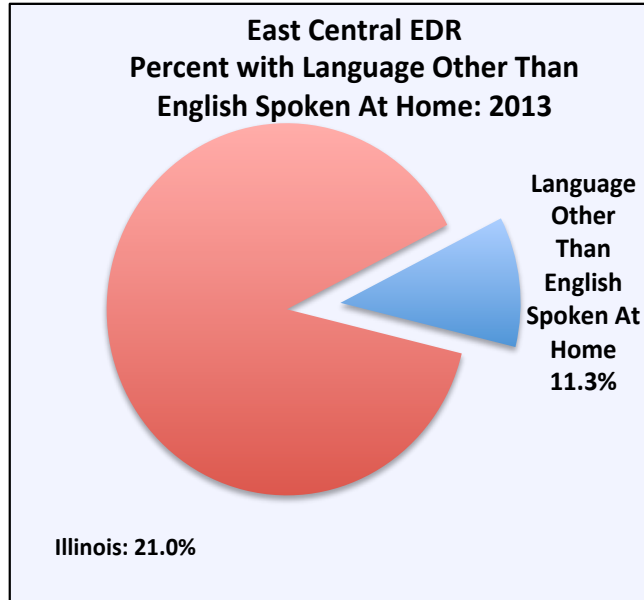
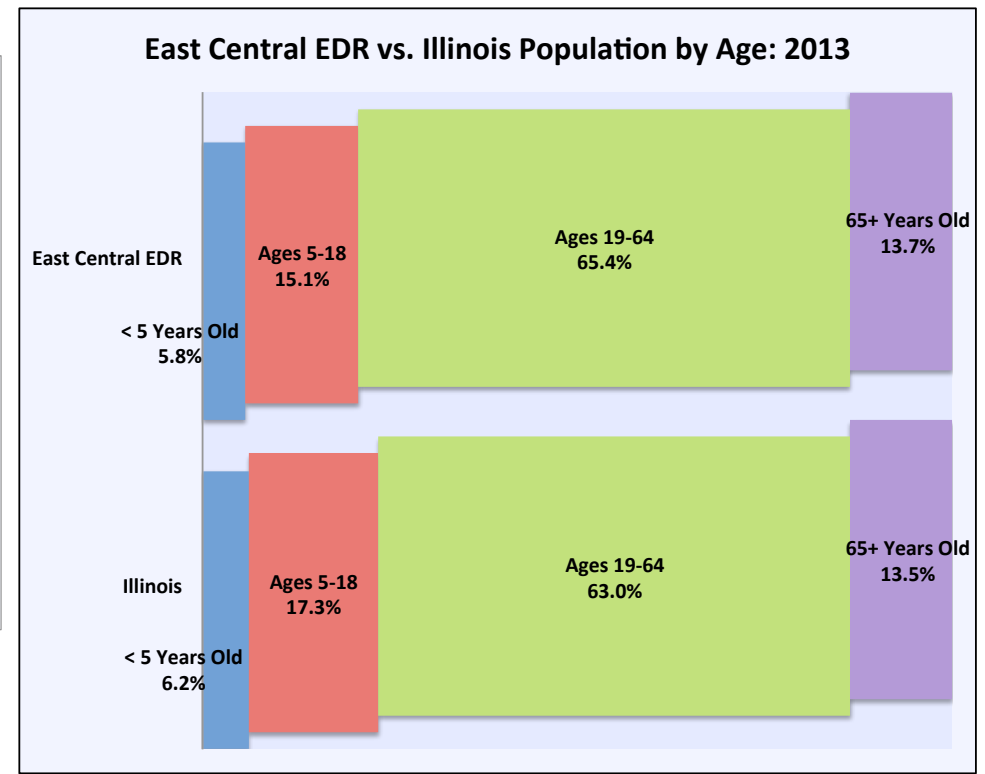
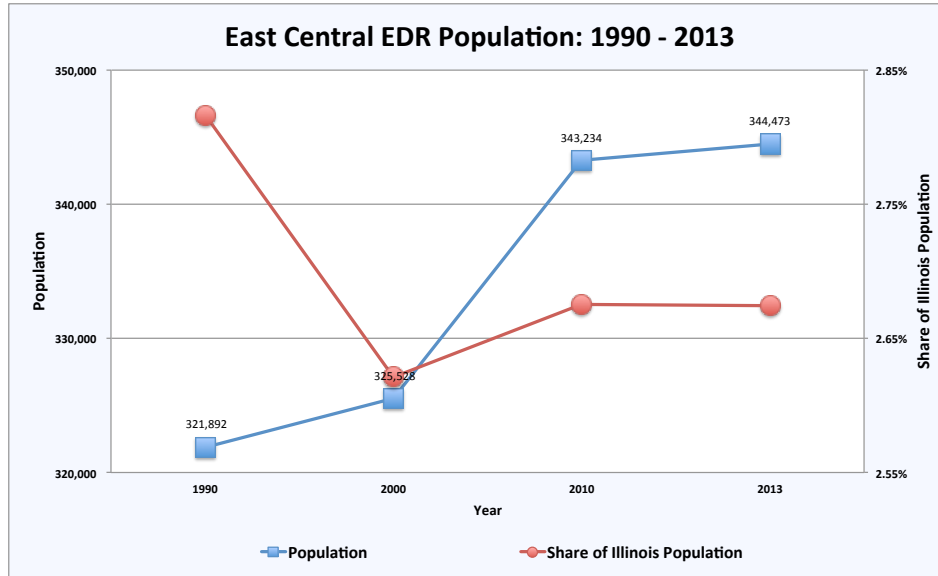
# ATTACHMENT M - Regional Data

HEALTH CARE					
EAST 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	Danville CC	54	Associate	Danville CC
		Kankakee CC	49	Associate	Lakeview Coll of Nursing
		Parkland CC	81	Associate	Parkland CC
	Other Colleges	Lakeview Coll of Nursing	139	Bachelor	
		Eastern IL University	15	Bachelor	
Nursing Assistants	51.3902	Nurse Aide			
	Community Colleges	Danville CC	147	<1 Yr Cert	
		Kankakee CC	37	<1 Yr Cert	
		Parkland CC	355	<1 Yr Cert	
Medical Assistants	51.0710	Med Office Asst/Specialist	No Programs in this EDR		Danville CC
					Parkland CC
	51.0712	Medical Reception/Receptionist.	No Programs in this EDR		
	51.0713	Med Insurance Coding Specialist/Coder			
	Community Colleges	Danville CC	5	1-2 Yr Cert	
		Kankakee CC	16	1-2 Yr Cert	
	51.0716	Med Admin/Executive Assistant and Medical Secretary			
	Community Colleges	Danville CC	4	Associate	
	51.0801	Medical/Clinical Assistant.			
	Community Colleges	Parkland CC	23	<1 Yr Cert	
	51.0809	Anesthesiologist Assistant	No Programs in this EDR		
	51.0813	Chiropractic Assistant/Technician	No Programs in this EDR		
Licensed Practical Nurses	51.3901	Licensed Practical Nursing			
	Community Colleges	Danville CC	34	1-2 Yr Cert	Parkland CC
		Kankakee CC	12	1-2 Yr Cert	
		Parkland CC	21	1-2 Yr Cert	
Receptionists & Information Clerks **	52.0406	Receptionist	No Programs in this EDR		

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

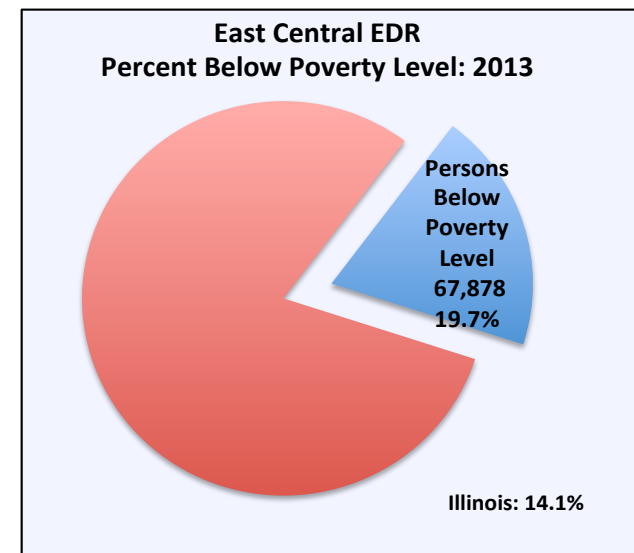
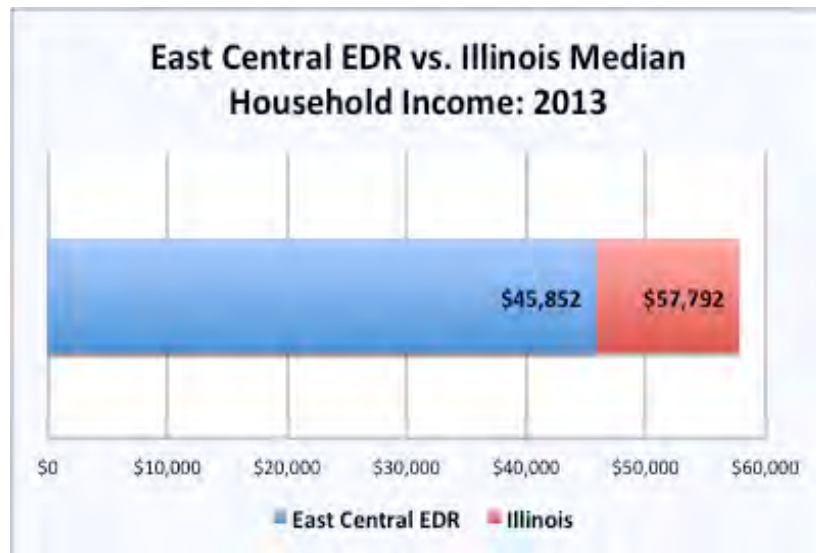
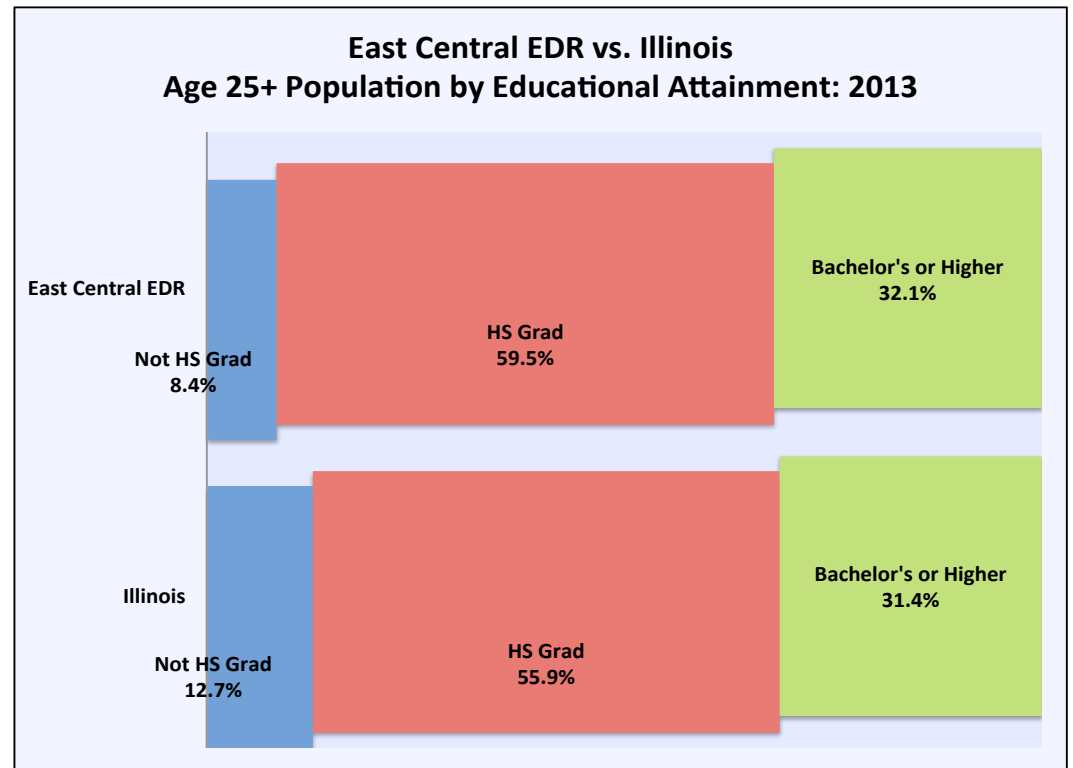
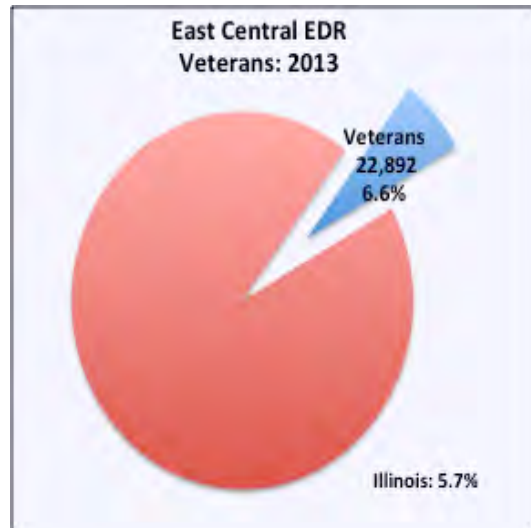


# ATTACHMENT M - Regional Data



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

## ATTACHMENT M - Regional Data



# ATTACHMENT M - Regional Data

<b>East Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
507	Danville	164	89	255	508
520	Kankakee	207	138	399	744
505	Parkland	401	69	720	1,190
East Central Total		772	296	1,374	2,442
State Total		11,555	6,876	28,142	46,573
% of State Total		6.7%	4.3%	4.9%	5.2%

## 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

<b>East Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
507	Danville	0	0	134	0	2	0	42	0	178
520	Kankakee	109	42	0	0	8	4	61	0	224
505	Parkland	115	200	0	0	7	6	60	0	388
East Central Total		224	242	134	0	17	10	163	0	790
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		1.9%	3.5%	20.9%	0.0%	7.8%	7.6%	4.4%	0.0%	3.4%

<b>East Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
507	Danville	1,781	4,417	1,805	144	106	20	0	898	9,171	2,094
520	Kankakee	2,692	2,414	2,040	455	252	267	29	1,143	9,292	3,235
505	Parkland	8,099	4,567	6,587	155	78	79	0	1,810	21,375	6,857
East Central Total		12,572	11,398	10,432	754	436	366	29	3,851	39,838	12,186
State Total		287,076	70,776	172,630	27,441	11,382	36,994	2,789	50,624	659,712	193,812
% of State Total		4.4%	16.1%	6.0%	2.7%	3.8%	1.0%	1.0%	7.6%	6.0%	6.3%

\*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.

**ATTACHMENT M - Regional Data**

<b>East Central Economic Development Region - Illinois Community College System</b> <b>Fiscal Year 2014 Summary of Graduates by Career Cluster</b>																			
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*
507	Danville	16	19	0	38	186	0	0	283	4	2	10	25	17	8	2	65	0	675
520	Kankakee	0	23	17	85	171	0	0	263	0	22	1	77	110	0	50	16	0	835
505	Parkland	26	23	50	85	188	0	0	660	28	11	53	20	11	2	207	208	0	1,572
East Central Total		42	65	67	208	545	0	0	1,206	32	35	64	122	138	10	259	289	0	3,082
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		4.5%	2.2%	8.2%	6.7%	3.3%	0.0%	0.0%	6.6%	1.9%	1.7%	2.7%	4.2%	4.9%	3.0%	3.9%	4.8%	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.

## EAST CENTRAL REGION

### SELECTED TARGET POPULATION CHARACTERISTICS

Unemployed	Labor Force	<b>178,401</b>
	Employed	<b>166,665</b>
	Unemployed	<b>11,736</b>
	Rate	<b>6.6</b>
TANF	Annual 2014	<b>31,430</b>
	Monthly Average	<b>2,619</b>
Corrections		<b>1,842</b>
Persons with Disabilities	Mental Disabilities	<b>116</b>
	Adults with Disabilities	<b>35,614</b>
Public Aid	Public Aid Recipients	<b>109,157</b>
	Adult Public Aid Recipients	<b>56,836</b>

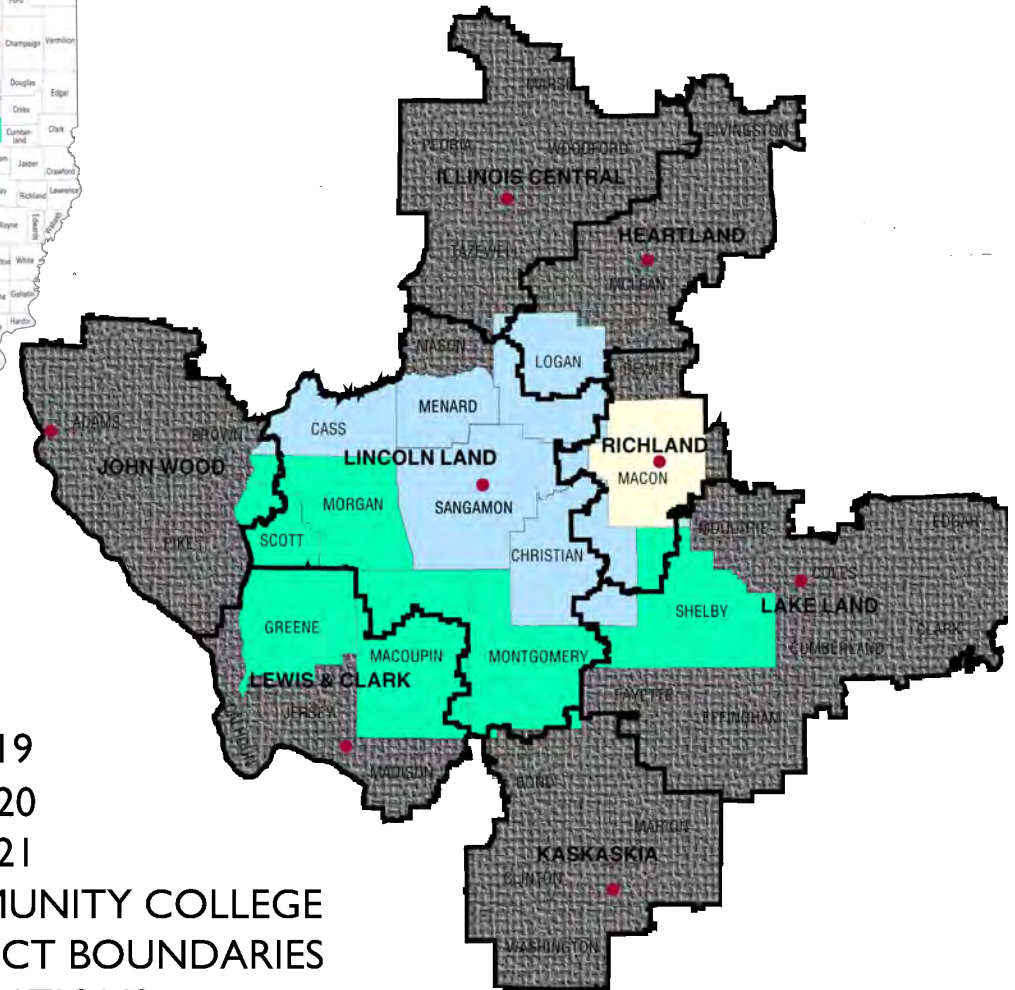
## CENTRAL ECONOMIC DEVELOPMENT REGION

Central EDR Counties	2013 Population Estimates	Percent of EDR Population
Cass	13,324	2%
Christian	34,298	6%
Greene	13,629	2%
Logan	29,964	5%
Macon	109,278	20%
Macoupin	46,880	9%
Menard	12,607	2%
Montgomery	29,654	5%
Morgan	35,067	6%
Sangamon	199,145	36%
Scott	5,222	1%
Shelby	22,119	4%
Total Population	551,187	

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

Central EDR Population Centers	2013 Population Estimates	Percent of EDR Population
Springfield	117,006	21%
Decatur	74,710	14%
Jacksonville	19,230	3%
Lincoln	14,284	3%
Chatham	12,077	2%
Taylorville	11,093	2%

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



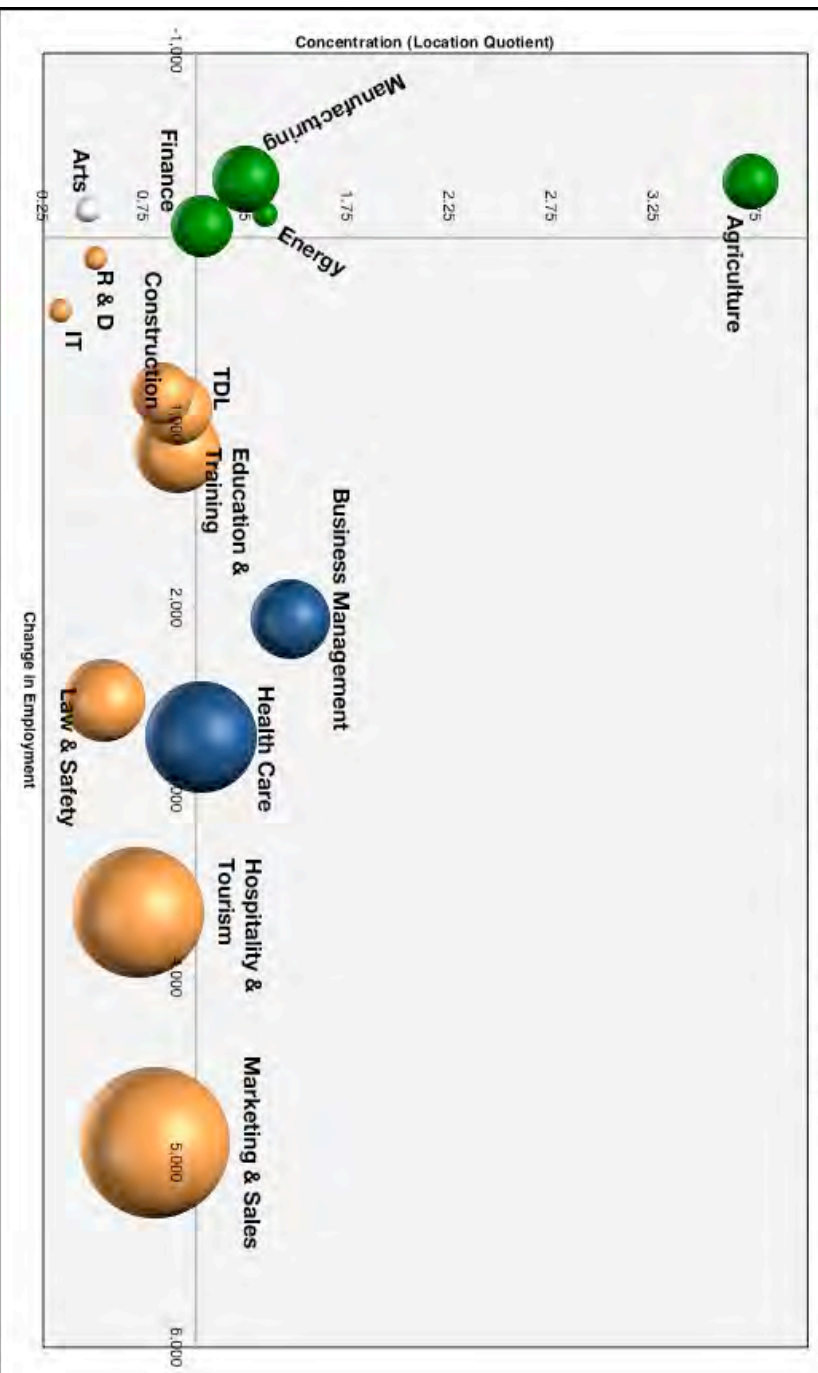


## CENTRAL REGION

## EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

Cluster	2012 Employment	2022 Employment	Net Employment Change	Percent Employment Change	Concentration (Location Quotient)
Marketing & Sales	70,368	75,259	4,891	7.0%	0.80
Hospitality & Tourism	53,600	57,247	3,647	6.8%	0.71
Health Care	38,671	41,371	2,700	7.0%	1.02
Education & Training	22,712	23,858	1,146	5.0%	0.90
Law & Public Safety	19,686	22,186	2,500	12.7%	0.55
Business Management	18,436	20,496	2,060	11.2%	1.46
Transportation, Distribution & Logistics	15,355	16,281	926	6.0%	0.90
Manufacturing	15,206	14,886	320	-2.1%	1.24
Finance	12,585	12,520	65	-0.5%	1.03
Construction	11,632	12,475	843	7.2%	0.83
Agriculture	10,343	10,038	305	-2.9%	3.72
Arts & Audio Visual	2,285	2,130	155	-6.8%	0.46
Energy	2,232	2,103	129	-5.8%	1.34
Research & Development	1,600	1,711	111	6.9%	0.50
Information Technology	1,279	1,674	395	30.9%	0.34

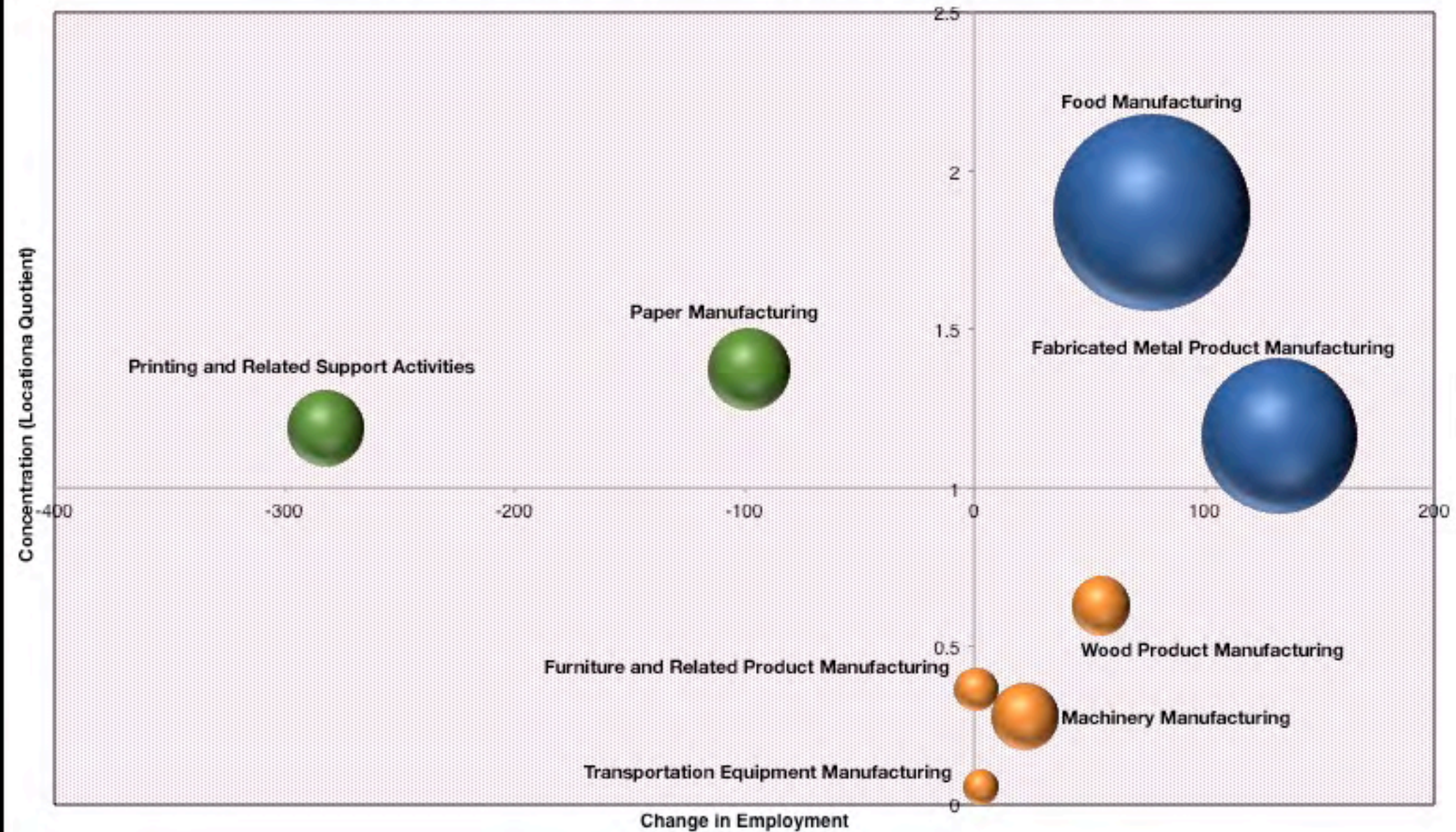
## MAJOR INDUSTRY CLUSTERS IN THE CENTRAL REGION



<b>MANUFACTURING</b>							
<b>LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION</b>							
<b>NAICS</b>	<b>DESCRIPTION</b>	<b>2012 Employment</b>	<b>2022 Employment</b>	<b>Employment Change 2012- 22</b>	<b>% Change 2012-22</b>	<b>2014 LQ</b>	<b>Class</b>
<b>311</b>	<b>Food Manufacturing</b>	<b>5,670</b>	<b>5,747</b>	<b>77</b>	<b>1.4%</b>	<b>1.87</b>	<b>Leading</b>
312	Beverage and Tobacco Product Manufacturing	69	60	(9)	-13.0%	0.17	
313	Textile Mills	-	-	-	0.0%	-	
314	Textile Product Mills	14	14	-	0.0%	0.06	
315	Apparel Manufacturing	-	-	-	0.0%	-	
316	Leather and Allied Product Manufacturing	-	-	-	0.0%	-	
<b>321</b>	<b>Wood Product Manufacturing</b>	<b>443</b>	<b>498</b>	<b>55</b>	<b>12.4%</b>	<b>0.63</b>	<b>Emerging</b>
<b>322</b>	<b>Paper Manufacturing</b>	<b>1,083</b>	<b>985</b>	<b>(98)</b>	<b>-9.0%</b>	<b>1.37</b>	<b>Maturing</b>
<b>323</b>	<b>Printing and Related Support Activities</b>	<b>1,141</b>	<b>859</b>	<b>(282)</b>	<b>-24.7%</b>	<b>1.19</b>	<b>Maturing</b>
324	Petroleum and Coal Products Manufacturing	-	-	-	0.0%	-	
325	Chemical Manufacturing	130	127	(3)	-2.3%	0.08	
326	Plastics and Rubber Products Manufacturing	143	136	(7)	-4.9%	0.11	
327	Nonmetallic Mineral Product Manufacturing	453	443	(10)	-2.2%	0.60	
331	Primary Metal Manufacturing	169	157	(12)	-7.1%	0.20	
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	<b>3,406</b>	<b>3,539</b>	<b>133</b>	<b>3.9%</b>	<b>1.16</b>	<b>Leading</b>
<b>333</b>	<b>Machinery Manufacturing</b>	<b>636</b>	<b>658</b>	<b>22</b>	<b>3.5%</b>	<b>0.28</b>	<b>Emerging</b>
334	Computer and Electronic Product Manufacturing	1,058	873	(185)	-17.5%	0.47	
335	Electrical Equipment, Appliance, and Component Manufacturing	-	-	-	0.0%	-	
<b>336</b>	<b>Transportation Equipment Manufacturing</b>	<b>178</b>	<b>181</b>	<b>3</b>	<b>1.7%</b>	<b>0.06</b>	<b>Emerging</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	<b>265</b>	<b>266</b>	<b>1</b>	<b>0.4%</b>	<b>0.36</b>	<b>Emerging</b>
339	Miscellaneous Manufacturing	348	343	(5)	-1.4%	0.29	

## MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION





# MANUFACTURING

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Opening	Annual Occupation in this Industry	2022 Percent of Employment in this Industry	2022 Percent of Employment in this Industry
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1132	Software Developers, Applications**	19	1	3.5	2.8
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	10	1	10.8	5.6
332	Fabricated Metal Product Manufacturing					1	6.2	1.1
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	10	1	12.3	3.3
334	Computer and Electronic Product Manufacturing					1	6.3	1.8
336	Transportation Equipment Manufacturing					1	11.9	2.2
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, WHS/Mfg, Tech/Schrod**	13	1	3.9	1.7
311	Food Manufacturing					1	1	1.1
323	Printing and Related Support Activities	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg, Ex. Tech/Scntic**	60	1	1.2	4.4
332	Fabricated Metal Product Manufacturing					1	2	2.1
333	Machinery Manufacturing					1	1.4	2.3
311	Food Manufacturing					1	2.6	1.3
325	Chemical Manufacturing	Logistics & Inventory Control	43-5071	Shipping/Receiving & Traffic Clerks**	28	1	1.9	1.8
332	Fabricated Metal Product Manufacturing					1	3.9	1.8
333	Machinery Manufacturing					1	2.5	1.7
336	Transportation Equipment Manufacturing					1	2.5	1.2
311	Food Manufacturing					2	9.1	2.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					1	5.3	2.7
326	Plastics and Rubber Products Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	25	1	3.4	2.1
331	Primary Metal Manufacturing					1	3.8	4
332	Fabricated Metal Product Manufacturing					1	4.5	1.1
333	Machinery Manufacturing					1	5	1.9
336	Transportation Equipment Manufacturing					1	4.9	1.3
311	Food Manufacturing					1	2.3	2.3
325	Chemical Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	46	1	1.2	2.4
331	Primary Metal Manufacturing					1	1.1	4.4
332	Fabricated Metal Product Manufacturing					1	1.4	1.4
336	Transportation Equipment Manufacturing					1	1.2	1.2
311	Food Manufacturing					1	7.8	3.2
325	Chemical Manufacturing					1	4.9	3.9
326	Plastics and Rubber Products Manufacturing					1	4.5	4.4
332	Fabricated Metal Product Manufacturing	Production	51-1011	1st-Line Spvr's/Mgrs, Prod. & Operating Workers**	16	2	11.1	4.3
333	Machinery Manufacturing					1	5.7	3.3
336	Transportation Equipment Manufacturing					1	7.2	2.9
339	Miscellaneous Manufacturing					1	3.2	3.5
311	Food Manufacturing					1	2.5	1.9
321	Wood Product Manufacturing					2	3.3	9.1
325	Chemical Manufacturing					1	1.2	1.8
326	Plastics and Rubber Products Manufacturing					2	3.6	6.5
327	Nonmetallic Mineral Product Manufacturing					1	1.2	3.2
332	Fabricated Metal Product Manufacturing	Production	51-2092	Team Assemblers	46	3	7.3	5.3
333	Machinery Manufacturing					5	10	10.7
334	Computer and Electronic Product Manufacturing					2	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	3.8	12.8
336	Transportation Equipment Manufacturing					9	20.3	15.1
337	Furniture and Related Product Manufacturing					2	3.3	9.9
339	Miscellaneous Manufacturing					3	5.6	11.6
311	Food Manufacturing	Production	51-3092	Food Batchmakers	23	18	79.3	5.6
326	Plastics and Rubber Products Manufacturing					1	4.5	1.2
331	Primary Metal Manufacturing					1	4	1.8
332	Fabricated Metal Product Manufacturing					5	39.3	4.2
333	Machinery Manufacturing	Production	51-4011	Computer-Controlled Machine Tool Operators**	13	2	18.4	2.9
334	Computer and Electronic Product Manufacturing					1	5	0.9
336	Transportation Equipment Manufacturing					2	18.2	2
339	Miscellaneous Manufacturing					1	3.9	1.2
331	Primary Metal Manufacturing					1	1.9	2.2
332	Fabricated Metal Product Manufacturing					11	35.1	10.2
333	Machinery Manufacturing	Production	51-4041	Mechanics**	32	1	3	1.4
334	Computer and Electronic Product Manufacturing					1	1.6	2.2
335	Electrical Equipment, Appliance, and Component Manufacturing					4	12	3.6
336	Transportation Equipment Manufacturing					1	2.7	2.3
339	Miscellaneous Manufacturing					3	24.3	6.2
332	Fabricated Metal Product Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	14	2	13.2	4.9
333	Machinery Manufacturing					2	12.5	3.3
336	Transportation Equipment Manufacturing					1	6.6	2.2
311	Food Manufacturing					1	4.8	3.2
325	Chemical Manufacturing					1	5.6	4.7
326	Plastics and Rubber Products Manufacturing	Manufacturing Production Process Development	51-5061	Inspectors, Testers, Sorters & Weighers	18	2	8.9	2.9
332	Fabricated Metal Product Manufacturing					1	4.7	2.3
333	Machinery Manufacturing					1	5.4	2.8
334	Computer and Electronic Product Manufacturing					2	10	3.4
336	Transportation Equipment Manufacturing					1	2.9	2.7
339	Miscellaneous Manufacturing					8	30.3	7.8
311	Food Manufacturing					1	5.2	10.3
312	Beverage and Tobacco Product Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	27	1	1.9	2.1
322	Paper Manufacturing					3	11.8	6
325	Chemical Manufacturing					1	3.6	2.2
326	Plastics and Rubber Products Manufacturing					3	10.9	2
311	Food Manufacturing					1	2.4	1.8
322	Paper Manufacturing					1	3.5	1.2
325	Chemical Manufacturing					1	2.4	1
326	Plastics and Rubber Products Manufacturing	Production	51-9199	Production Workers, All Other	28	1	2.1	1.3
327	Nonmetallic Mineral Product Manufacturing					1	3.8	0.7
332	Fabricated Metal Product Manufacturing					1	2.9	0.7
333	Machinery Manufacturing					1	4.8	0.9
336	Transportation Equipment Manufacturing					1	2.8	1.4
339	Miscellaneous Manufacturing					1		

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

ATTACHMENT M - Regional Data

Pathway	SOC Code	SOC Title	Average Annual Job Openings in this Industry	Annual Occupation in this Industry	2022 Percent of Employment in this Industry	Median Annual Income	Education Entry Level	Experience Entry Level	Training Entry Level	
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	19	1	3.5	2.8	\$78,631	Bachelor's degree	None	None
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	10	1	10.8	5.6	\$84,381	Bachelor's degree	None	None
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	10	1	6.2	1.1	\$63,150	Bachelor's degree	None	None
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg. Excl./Sci/Prod**	13	1	3.9	1.7	\$72,244	Bachelor's degree	None	Moderate term on-the-job training
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg. Excl./Sci/Prod**	60	1	1.2	4.4	\$46,613	High school diploma or equivalent	None	Moderate term on-the-job training
Logistics & Inventory Control	43-5071	Shipping/Receiving & Traffic Clerks**	28	1	3.9	1.8	\$29,494	High school diploma or equivalent	None	Short term on-the-job training
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	25	1	2.5	1.2	\$54,762	High school diploma or equivalent	None	Long term on-the-job training
				1	4.9	1.3				
				1	2.3	2.3				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	46	1	1.2	2.4	\$36,136	High school diploma or equivalent	None	Moderate term on-the-job training
				1	1.1	4.4				
				1	1.4	1.4				
				1	1.2	1.2				
Production	51-1011	1st-Line Sprngs/Mgtrs. Prod. & Operating Workers**	16	1	7.8	3.2		Postsecondary non-degree award	1 to 5 years	None
				1	4.9	3.9				
				1	4.5	4.4				
				2	11.1	4.3	\$55,547			
				1	5.7	3.3				
				1	7.2	2.9				
				1	3.2	3.5				
				1	2.5	1.9				
				2	3.3	9.1				
				1	1.2	1.8				
				2	3.6	6.5				
				1	1.2	3.2				
Production	51-2092	Team Assemblers	46	3	7.3	5.3	\$33,134	High school diploma or equivalent	None	Moderate term on-the-job training
				5	10	10.7				
				2	3.6	4.1				
				2	3.8	12.8				
				9	20.3	15.1				
				2	3.3	9.9				
				3	5.6	11.6				
Production	51-3092	Food Batchmakers	23	18	79.3	5.6		High school diploma or equivalent	Less than 1 year	Short term on-the-job training
				1	4.5	1.2				
				1	4	1.8				
				5	39.3	4.2				
Production	51-4011	Computer-Controlled Machine Tool Operators**	13	2	18.4	2.9	\$36,029	High school diploma or equivalent	None	Moderate term on-the-job training
				1	5	0.9				
				2	18.2	2				
				1	3.9	1.2				
				1	1.9	2.2				
				11	35.1	10.2				
				5	16.6	7				
Production	51-4041	Machinists**	32	1	3	1.4	\$39,340	High school diploma or equivalent	None	Long term on-the-job training
				1	1.6	2.2				
				4	12	3.6				
				1	2.7	2.3				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	14	3	24.3	6.2	\$36,484	High school diploma or equivalent	Less than 1 year	Moderate term on-the-job training
				2	13.2	4.9				
				2	12.5	3.3				
				1	6.6	2.2				
				1	4.8	3.2				
				1	5.6	4.7				
				2	8.9	2.9	\$33,474	High school diploma or equivalent	None	Moderate term on-the-job training
				1	4.7	2.3				
				1	5.4	2.8				
				2	10	3.4				
				1	2.9	2.7				
				8	30.3	7.8				
				1	5.2	10.3				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	27	1	1.9	2.1	\$23,480	High school diploma or equivalent	None	Moderate term on-the-job training
				3	11.8	6				
				1	3.6	2.2				
				3	10.9	2				
				1	2.4	1.8				
				1	3.5	1.2				
				1	2.4	1				
Production	51-9199	Production Workers, All Other	28	1	2.1	1.3	\$31,162	High school diploma or equivalent	None	Moderate term on-the-job training
				1	3.8	0.7				
				1	2.9	0.7				
				1	4.8	0.9				
				1	2.8	1.4				

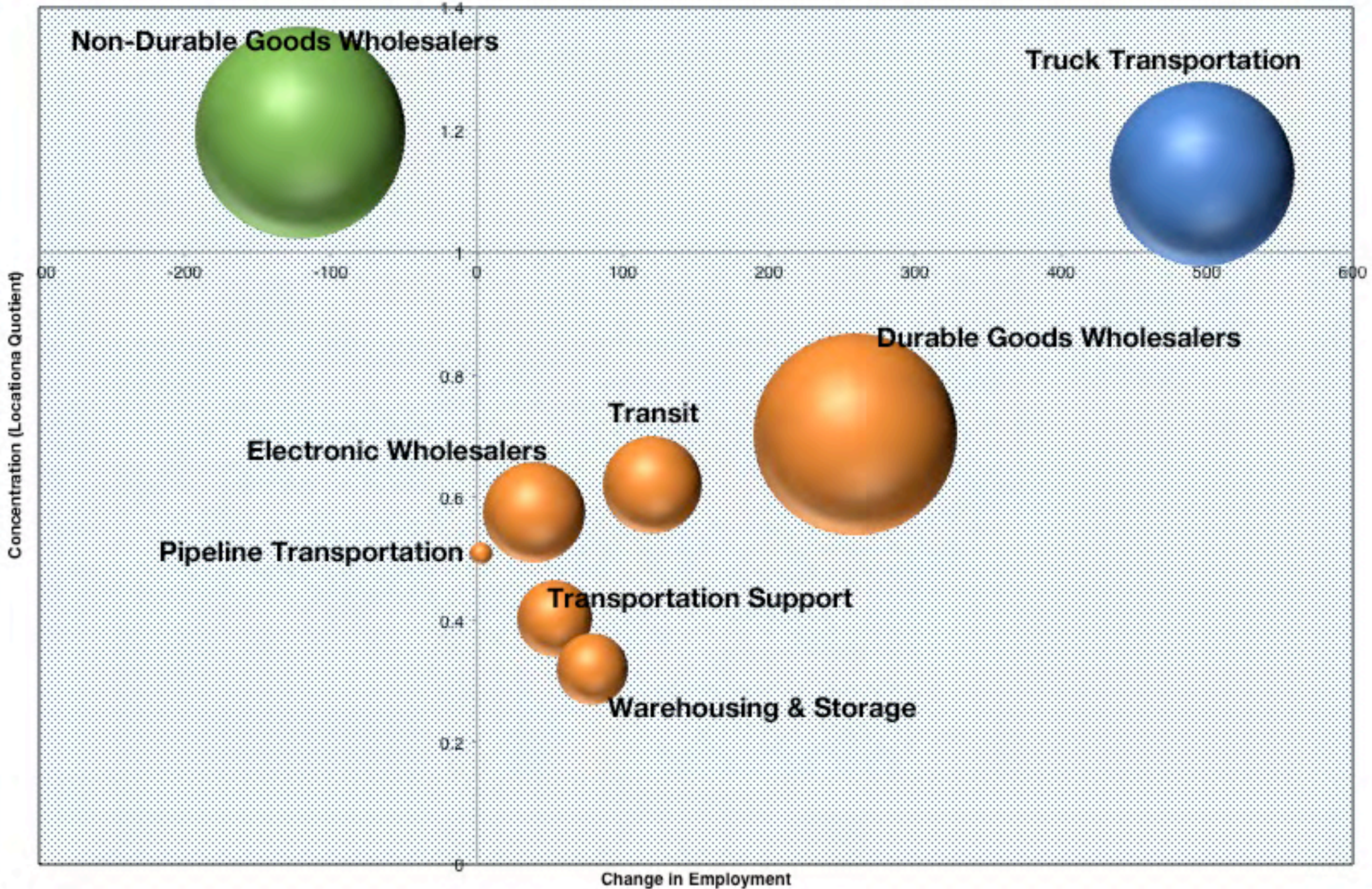


TRANSPORTATION, DISTRIBUTION & LOGISTICS							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012-22	Growth Rate	LQ	Industry Class
423	Merchant Wholesalers, Durable Goods	4,122	4,381	259	6.3%	0.70	Emerging
424	Merchant Wholesalers, Nondurable Goods	4,861	4,740	(121)	-2.5%	1.20	Maturing
425	Wholesale Electronic Markets and Agents and Brokers	1,047	1,086	39	3.7%	0.58	Emerging
481	Air Transportation	-	-	-	0.0%	-	
483	Water Transportation	-	-	-	0.0%	-	
484	Truck Transportation	3,144	3,641	497	15.8%	1.13	Leading
485	Transit and Ground Passenger Transportation	876	996	120	13.7%	0.62	Emerging
486	Pipeline Transportation	47	50	3	6.4%	0.51	Emerging
487	Scenic and Sightseeing Transportation	-	-	-	0.0%	-	
488	Support Activities for Transportation	547	600	53	9.7%	0.40	Emerging
492	Couriers and Messengers	259	256	(3)	-1.2%	0.24	
493	Warehousing and Storage	452	531	79	17.5%	0.32	Emerging



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION





# ATTACHMENT M - Regional Data

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	56	1	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					1	1.6	1.2
488	Support Activities for Transportation					1	1	2.3
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	12	2	17.9	2.6
485	Transit and Ground Passenger Transportation					1	7.8	3.2
488	Support Activities for Transportation					1	7.9	2.4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	28	4	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					2	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers					1	5	7.2
493	Warehousing and Storage					1	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	48	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	11	1	10.6	1
484	Truck Transportation					2	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	10	4	42.3	15.1
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3022	School Bus Drivers	22	9	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	86	3	3.2	2
424	Merchant Wholesalers, Nondurable Goods					7	7.9	7.3
484	Truck Transportation					40	46.3	59.7
488	Support Activities for Transportation					3	3.1	8.5
492	Couriers and Messengers					1	1.5	5.6
493	Warehousing and Storage					2	2.2	5.3
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	31	3	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					2	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.8	1.4
484	Truck Transportation					2	6.1	3.6
492	Couriers and Messengers					5	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1
483	Water Transportation	Transportation Operations	53-5021	Captains, Mates, Pilots of Water Vessels	11	5	42.8	22.9
487	Scenic and Sightseeing Transportation					1	6.1	7.7
488	Support Activities for Transportation					2	18.5	1.1

## ATTACHMENT M - Regional Data

TRANSPORTATION, DISTRIBUTION & LOGISTICS										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgrs, Office & Adm. Support Wkrs**	56	1	2.5	1.3	\$45,728	High school diploma or equivalent	1 to 5 years	None
				1	1.6	1.2				
				1	1	2.3				
Transportation Operations	43-5032	Dispatchers**	12	2	17.9	2.6	\$34,245	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.8	3.2				
				1	7.9	2.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	28	4	13.5	3.2	\$29,494	High school diploma or equivalent	None	Short-term on-the-job training
				2	7.8	2.7				
				1	2.7	1.7				
				1	1.8	1.8				
				1	5	7.2				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	48	1	1.7	0.4	\$32,514	High school diploma or equivalent	None	Long-term on-the-job training
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	11	1	10.6	1	\$34,520	High school diploma or equivalent	None	Long-term on-the-job training
				2	18.6	3.5				
				1	5	2.6				
Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	10	4	42.3	15.1	\$27,700	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3022	School Bus Drivers	22	9	41.2	41.1	\$34,350	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	86	3	3.2	2	\$37,562	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				7	7.9	7.3				
				40	46.3	59.7				
				3	3.1	8.5				
				1	1.5	5.6				
				2	2.2	5.3	\$24,046	High school diploma or equivalent	None	Short-term on-the-job training
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	31	3	8.4	2.5				
				2	7.6	3.2				
				1	1.8	1.4				
				2	6.1	3.6				
				5	17.1	30.5	N/A	Bachelor's degree	None	None
Transportation Operations	53-5021	Captains, Mates, Pilots of Water Vessels	11	1	1.9	2.1				
				5	42.8	22.9				
				1	6.1	7.7				
				2	18.5	1.1				

## HEALTH CARE

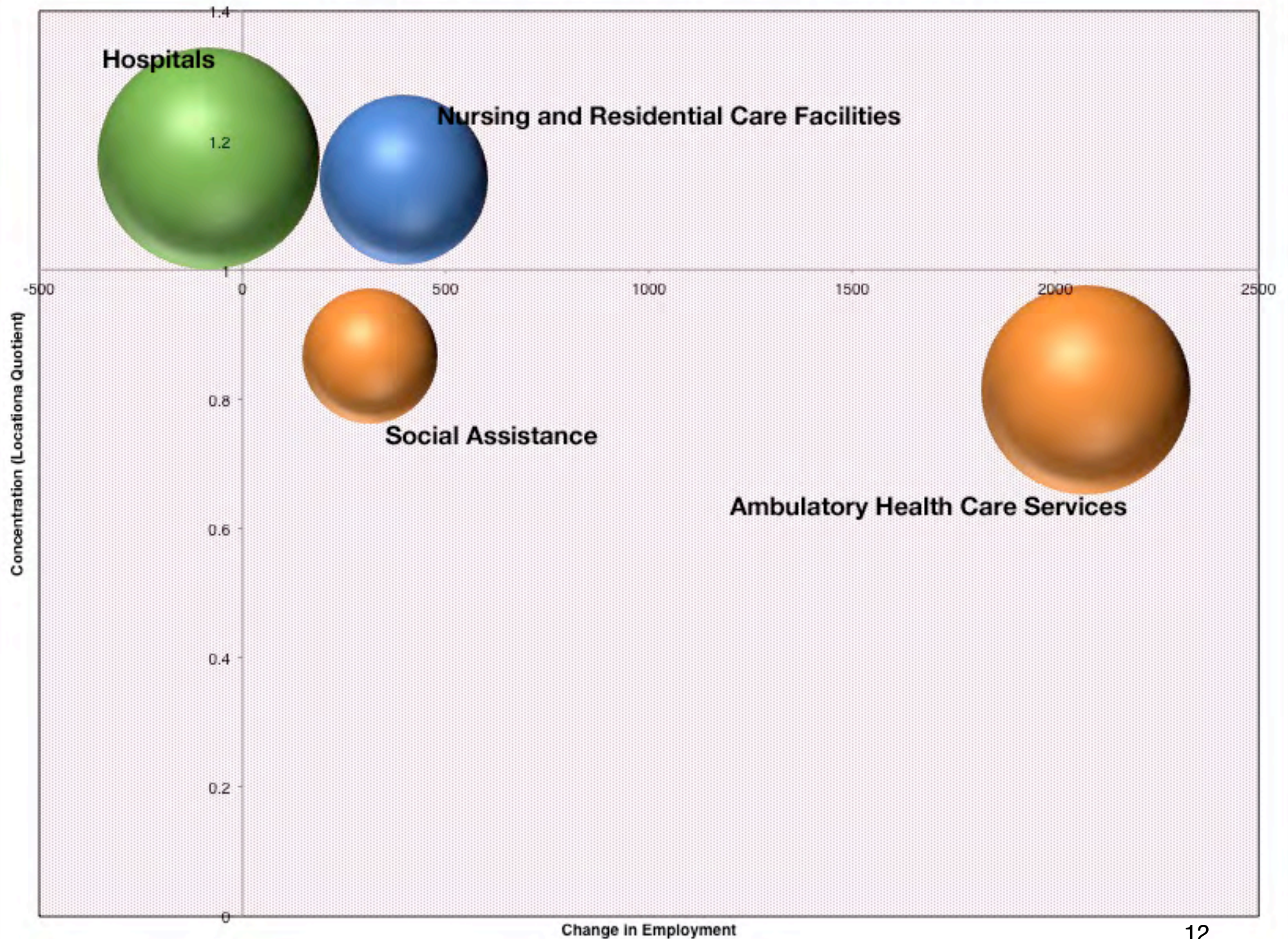
### LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION

NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
621	Ambulatory Health Care Services	10,868	12,944	2,076	19.1%	0.81	Emerging
622	Hospitals	14,685	14,601	(84)	-0.6%	1.17	Maturing
623	Nursing and Residential Care Facilities	8,049	8,445	396	4.9%	1.14	Leading
624	Social Assistance	5,069	5,381	312	6.2%	0.87	Emerging



**HEALTH CARE**

LEADING, EMERGING AND MATURING INDUSTRIES IN THE CENTRAL REGION



# HEALTH CARE

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual	2022 Percent of Occupation in this Industry	2022 Percent of Employment in this Occupation
						Occupation Opening in Industry		
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	19	1	5.9	0.2
622	Hospitals					1	6.0	0.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	21	6	30.0	1.3
622	Hospitals					8	36.4	2.1
623	Nursing and Residential Care Facilities	Support Services	21-1014	Mental Health Counselors**	10	2	10.8	1.1
621	Ambulatory Health Care Services					3	30.4	0.6
622	Hospitals					1	10.0	0.3
623	Nursing and Residential Care Facilities					2	17.6	0.7
624	Social Assistance	Support Services	21-1015	Rehabilitation Counselors	13	2	20.1	0.9
621	Ambulatory Health Care Services					1	7.0	0.1
623	Nursing and Residential Care Facilities	Support Services	21-1015	Rehabilitation Counselors	13	2	13.4	0.5
624	Social Assistance					6	45.7	1.8
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	20	2	8.0	0.4
622	Hospitals					1	3.1	0.2
623	Nursing and Residential Care Facilities	Support Services	21-1093	Social & Human Services Assistants**	20	3	17.1	2.0
624	Social Assistance					8	40.7	5.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	14	1	4.2	0.2
622	Hospitals					4	25.3	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	16	9	56.3	1.8
622	Hospitals					4	25.0	1.0
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1141	Registered Nurses	150	1	6.7	0.5
621	Ambulatory Health Care Services					30	20.1	7.4
622	Hospitals					89	59.2	28.9
623	Nursing and Residential Care Facilities					11	7.0	5.8
624	Social Assistance	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	12	1	0.9	0.8
621	Ambulatory Health Care Services					5	44.3	1.1
622	Hospitals	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	28	5	41.4	1.3
621	Ambulatory Health Care Services					15	55.0	1.8
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	14	4	15.2	0.7
621	Ambulatory Health Care Services					2	16.2	1.0
622	Hospitals	Therapeutic Services	29-2061	Licensed Practical Nurses	42	12	28.9	3.0
621	Ambulatory Health Care Services					7	16.3	2.3
622	Hospitals					16	39.1	9.1
623	Nursing and Residential Care Facilities					1	1.4	0.4
624	Social Assistance	Health Informatics	29-2071	Med Records & Health Info Technicians	15	5	35.4	0.9
621	Ambulatory Health Care Services					6	37.6	1.3
622	Hospitals	Therapeutic Services	31-1014	Nursing Assistants	79	1	8.9	0.5
623	Nursing and Residential Care Facilities					7	9.0	1.8
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	19	24.4	6.6
622	Hospitals					43	53.9	24.4
623	Nursing and Residential Care Facilities					2	1.9	1.0
624	Social Assistance					2	1.9	1.0
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	40	10	95.4	4.1
622	Hospitals					32	79.7	6.6
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	15	5	12.4	1.4
622	Hospitals					1	2.0	0.4
623	Nursing and Residential Care Facilities					3	22.5	0.3
624	Social Assistance					5	33.9	0.6
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	8.5	0.3
622	Hospitals					1	1.2	0.2
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	1.2	0.2
624	Social Assistance					1	2.7	0.7
621	Ambulatory Health Care Services					1	2.7	0.7
622	Hospitals					3	11.8	0.6
623	Nursing and Residential Care Facilities	Health Informatics	43-3011	Bill and Account Collectors**	24	1	4.6	0.3
624	Social Assistance					22	40.6	5.3
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	54	2	3.7	0.6
622	Hospitals					2	2.9	0.8
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	54	1	2.0	0.6
624	Social Assistance					1	2.0	0.6

## HEALTH CARE

### INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry
						Occupation Opening in Industry		
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	19	1	5.9	0.2
622	Hospitals					1	6.0	0.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	21	6	30.0	1.3
622	Hospitals					8	36.4	2.1
623	Nursing and Residential Care Facilities	Support Services	21-1014	Mental Health Counselors**	10	2	10.8	1.1
621	Ambulatory Health Care Services					3	30.4	0.6
622	Hospitals					1	10.0	0.3
623	Nursing and Residential Care Facilities					2	17.6	0.7
624	Social Assistance	Support Services	21-1015	Rehabilitation Counselors	13	2	20.1	0.9
621	Ambulatory Health Care Services					1	7.0	0.1
623	Nursing and Residential Care Facilities	Support Services	21-1015	Rehabilitation Counselors	13	2	13.4	0.5
624	Social Assistance					6	45.7	1.8
621	Ambulatory Health Care Services	Support Services	21-1093	Social & Human Services Assistants**	20	2	8.0	0.4
622	Hospitals					1	3.1	0.2
623	Nursing and Residential Care Facilities	Support Services	21-1093	Social & Human Services Assistants**	20	3	17.1	2.0
624	Social Assistance					8	40.7	5.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1051	Pharmacists	14	1	4.2	0.2
622	Hospitals					4	25.3	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	16	9	56.3	1.8
622	Hospitals					4	25.0	1.0
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1141	Registered Nurses	150	1	6.7	0.5
621	Ambulatory Health Care Services					30	20.1	7.4
622	Hospitals					89	59.2	28.9
623	Nursing and Residential Care Facilities					11	7.0	5.8
624	Social Assistance	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	12	1	0.9	0.8
621	Ambulatory Health Care Services					5	44.3	1.1
622	Hospitals	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	28	5	41.4	1.3
621	Ambulatory Health Care Services					15	55.0	1.8
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	14	4	15.2	0.7
621	Ambulatory Health Care Services					2	16.2	1.0
622	Hospitals	Therapeutic Services	29-2061	Licensed Practical Nurses	42	12	28.9	3.0
621	Ambulatory Health Care Services					7	16.3	2.3
622	Hospitals					16	39.1	9.1
623	Nursing and Residential Care Facilities					1	1.4	0.4
624	Social Assistance	Health Informatics	29-2071	Med Records & Health Info Technicians	15	5	35.4	0.9
621	Ambulatory Health Care Services					6	37.6	1.3
622	Hospitals	Therapeutic Services	31-1014	Nursing Assistants	79	1	8.9	0.5
623	Nursing and Residential Care Facilities					7	9.0	1.8
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	19	24.4	6.6
622	Hospitals					43	53.9	24.4
623	Nursing and Residential Care Facilities					2	1.9	1.0
624	Social Assistance					2	1.9	1.0
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	40	10	95.4	4.1
622	Hospitals					32	79.7	6.6
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	15	5	12.4	1.4
622	Hospitals					1	2.0	0.4
623	Nursing and Residential Care Facilities					3	22.5	0.3
624	Social Assistance					5	33.9	0.6
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	8.5	0.3
622	Hospitals					1	1.2	0.2
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	1.2	0.2
624	Social Assistance					1	2.7	0.7
621	Ambulatory Health Care Services					1	2.7	0.7
622	Hospitals					3	11.8	0.6
623	Nursing and Residential Care Facilities	Health Informatics	43-3011	Bill and Account Collectors**	24	1	4.6	0.3
624	Social Assistance					3	11.8	0.6
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	54	22	40.6	5.3
622	Hospitals					2	3.7	0.6
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	54	2	2.9	0.8
624	Social Assistance					1	2.0	0.6

# INFORMATION TECHNOLOGY

## INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
15-1121	Computer Systems Analysts	25	522	Credit intermediation and related activities	1	4.1
			524	Insurance carriers and related activities	2	8.2
			551	Management of companies and enterprises	2	7.3
			611	Educational services; state, local, and private	1	4.5
			5241	Insurance carriers	2	7.4
			5415	Computer systems design and related services	7	28.9
			5416	Management, scientific, and technical consulting services	1	3.9
			9992	State government, excluding education and hospitals	1	3.6
15-1131	Computer Programmers	16	524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
			5112	Software publishers	1	5.4
			5415	Computer systems design and related services	6	40.6
			5613	Employment services	1	3.9
15-1132	Software Developers, Applications	19	334	Computer and electronic product manufacturing	1	3.5
			524	Insurance carriers and related activities	1	5.2
			551	Management of companies and enterprises	1	4.3
			5112	Software publishers	2	8.0
			5241	Insurance carriers	1	4.4
15-1133	Software Developers, Systems Software	10	5415	Computer systems design and related services	7	38.9
			5416	Management, scientific, and technical consulting services	1	4.1
			334	Computer and electronic product manufacturing	1	10.8
			423	Merchant wholesalers, durable goods	0	3.7
			5112	Software publishers	1	6.9
			5413	Architectural, engineering, and related services	0	4.5
			5415	Computer systems design and related services	4	37.8
			5416	Management, scientific, and technical consulting services	0	4.9
			5417	Scientific research and development services	0	3.5
			517	Telecommunications	0	3.9
15-1142	Network & Computer Sys. Administrators	9	524	Insurance carriers and related activities	0	4.4
			551	Management of companies and enterprises	0	5.2
			611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	2	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
15-1151	Computer User Support Specialists	13	423	Merchant wholesalers, durable goods	1	5.2
			551	Management of companies and enterprises	1	4.4
			611	Educational services; state, local, and private	2	12.7
			5112	Software publishers	1	4.3
			5415	Computer systems design and related services	3	24.6
			5613	Employment services	0	3.6

MANUFACTURING							
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		
Food Batchmakers	No Related Program of Study for This Occupation						
Machinists**	48.0501	Machine Tool Technology	No Programs in this EDR				
	Community Colleges	Lewis & Clark CC				10	< 1 Yr Cert
	48.0503	Mach Shop Technology					
Team Assemblers	No Related Program of Study for This Occupation						
Packaging & Filling Machine Operators & Tenders	No Related Program of Study for This Occupation						
Computer-Controlled Machine Tool Operators**	48.0503	Mach Shop Tech	No Programs in this EDR				
	48.051	CNC Machine Technology	No Programs in this EDR				
Printing Press Operators & Job Printers**	10.0302	Printing Management	No Programs in this EDR				
	10.0305	Graphic/Printing Equip Oper	No Programs in this EDR				
	10.0307	Printing Press Operator	No Programs in this EDR				
10.0399	Graphic Communications, Other		No Programs in this EDR				

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



TRANSPORTATION, DISTRIBUTION & LOGISTICS					
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
Truck Drivers, Light & Delivery Services and School Bus Drivers	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
	Community Colleges	Lincolnland CC	133	< 1 Yr Cert	
Cargo & Freight Agents (Route Planners)	52.0408	Gen'l Office Occs/ Clerical Services			
	Community Colleges	Lincolnland CC	16	< 1 Yr Cert	
		Lewis & Clark CC	3	1-2 Yr Cert	
	52.0410	Traffic/Customs/Transp Clerk/Tech		No Programs in this EDR	
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				
1st-Line Supvrs./Mgrs, Office & Adm. Support Wkrs**	01.0106	Agric Business Technology		No Programs in this EDR	
	51.0705	Med Office Mgmt/Admin		No Programs in this EDR	
	51.0711	Med/Health Mgmt & Clinical Asst		No Programs in this EDR	
	52.0204	Office Mgmt & Supervision		No Programs in this EDR	
	52.0208	E-Commerce/Electronic Commerce		No Programs in this EDR	

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

# HEALTH CARE

## 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			
		Lewis & Clark CC	107	Associate	Lincolnland CC
		Lincolnland CC	104	Associate	MackMurray College
		Richland CC	50	Associate	Millikin University
		MackMurray College	28	Bachelor	Richland CC
		Millikin University	50	Bachelor	St. John's College
		St. John's College	55	Bachelor	
	Related Programs	Millikin University			
	51.3818	Nursing Practice	0	Dr. of Professional Practice	
	51.3899	Reg Nursing, Nursing Admin, Nursing Research and Clinical Nursing, Other	21	Masters	
Nursing Assistants	51.3902	Nurse Aide			
		Lewis & Clark CC	172	<1 Yr Cert	Capital Area Career Center
		Lincolnland CC	334	<1 Yr Cert	Decatur Public School Dist 61
					Lincolnland CC
Medical Assistants	51.0710	Med Office Asst/Specialist			No Programs in this EDR
	51.0712	Medical Reception/Receptionist.			No Programs in this EDR
	51.0713	Medical Insurance Coding Specialist/Coder			
		Lincolnland CC	20	1-2 Yr Cert	
		Richland CC	3	<1 Yr Cert	
Receptionists & Information Clerks **	51.0716	Med Admin/Exec Assistant & Med Secretary.			No Programs in this EDR
	51.0801	Med/Clinical Assistant			No Programs in this EDR
	51.0809	Anesthesiologist Asst			No Programs in this EDR
	51.0813	Chiropractic Asst/Technician			No Programs in this EDR
Licensed Practical Nurses	52.0406	Receptionist			No Programs in this EDR
	51.3901	Licensed Practical Nursing			
		Lincolnland CC	22	1-2 Yr Cert	Capital Area Career Center
		Richland CC	12	1-2 Yr Cert	Lincolnland CC

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

# ATTACHMENT M - Regional Data

<b>Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Career and Technical Education</b> Degree and Certificate <b>Graduates</b>					
Dist. No.	College	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
536	Lewis & Clark	320	153	514	987
526	Lincoln Land	239	210	908	1,357
537	Richland	179	155	209	543
Central Total		738	518	1,631	2,887
State Total		11,555	6,876	28,142	46,573
% of State Total		6.4%	7.5%	5.8%	6.2%

## 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

<b>Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Transfer and General Studies</b> Degree and Certificate <b>Graduates</b>										
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
536	Lewis & Clark	81	300	0	0	7	11	12	0	411
526	Lincoln Land	359	243	0	0	2	1	195	0	800
537	Richland	86	82	0	0	1	0	29	2	200
Central Total		526	625	0	0	10	12	236	2	1,411
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		4.5%	9.0%	0.0%	0.0%	4.6%	9.2%	6.4%	22.2%	6.1%

<b>Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Unduplicated Headcount <b>Enrollment</b> by Program Classification											
Dist. No.	College	Bacc / Transfer	Vocational	Career and Technical Ed.	*ABE	*ASE	*ESL	General Studies	General Associates	Total	**Noncredit Total
536	Lewis & Clark	3,266	292	6,158	238	188	35	5	1,143	11,325	3,272
526	Lincoln Land	7,248	1,016	3,050	181	158	304	6	1,534	13,497	4,635
537	Richland	2,443	1,400	1,964	129	81	42	165	1,512	7,736	2,624
Central Total		12,957	2,708	11,172	548	427	381	176	4,189	32,558	10,531
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		4.5%	3.8%	6.5%	2.0%	3.8%	1.0%	6.3%	8.3%	4.9%	5.6%

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

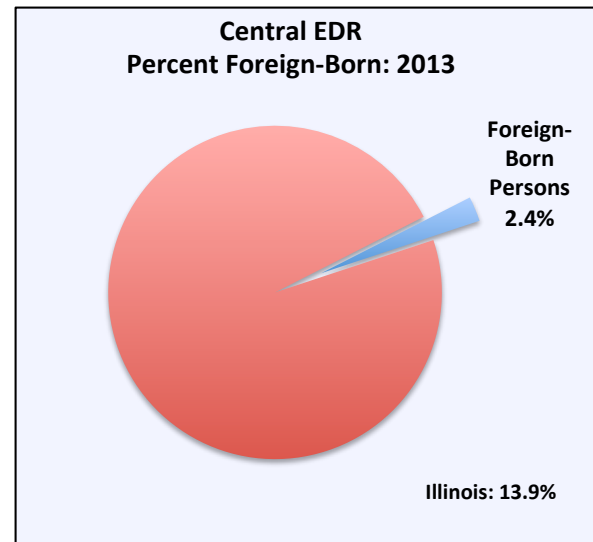
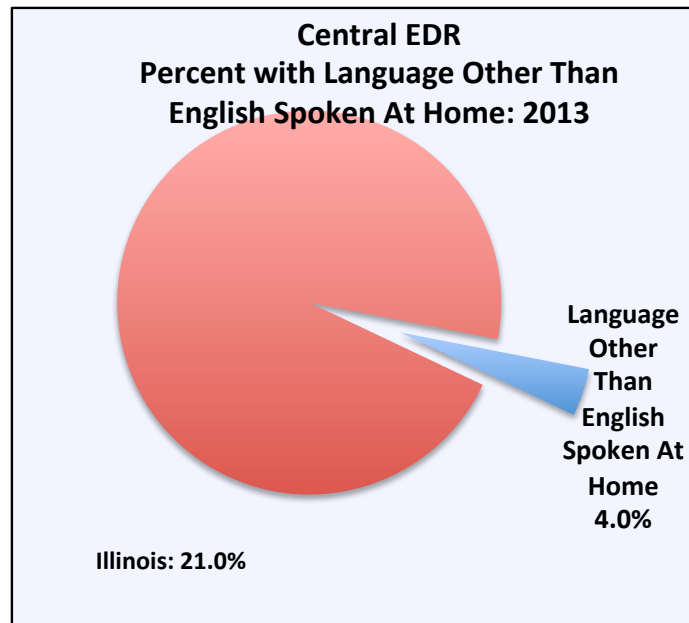
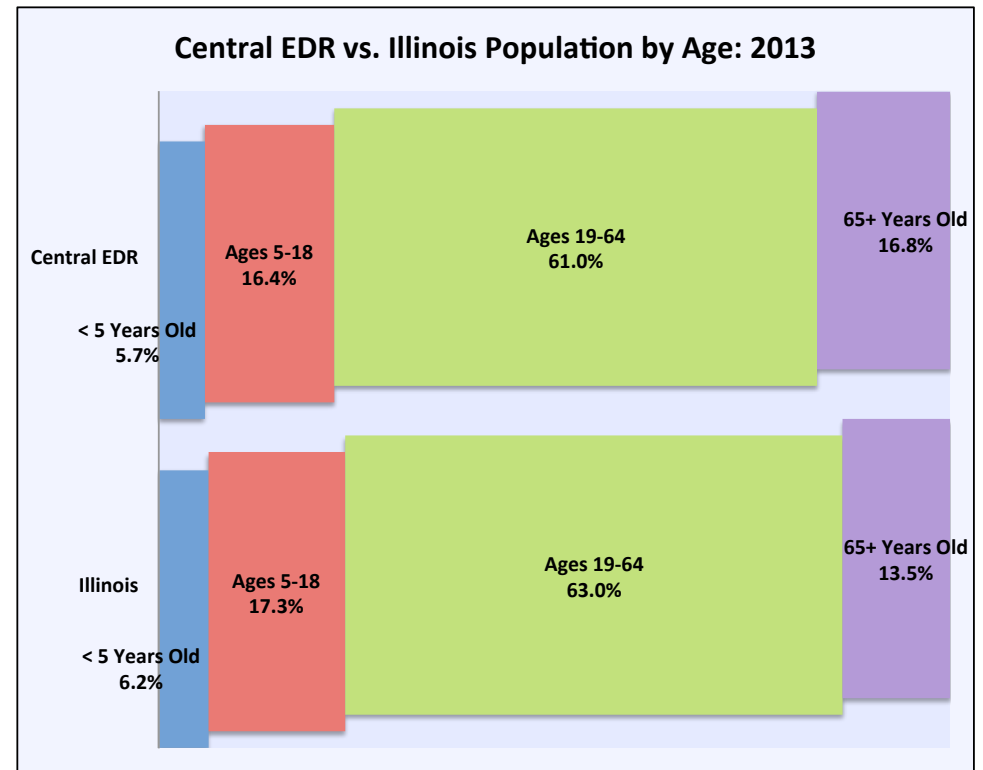
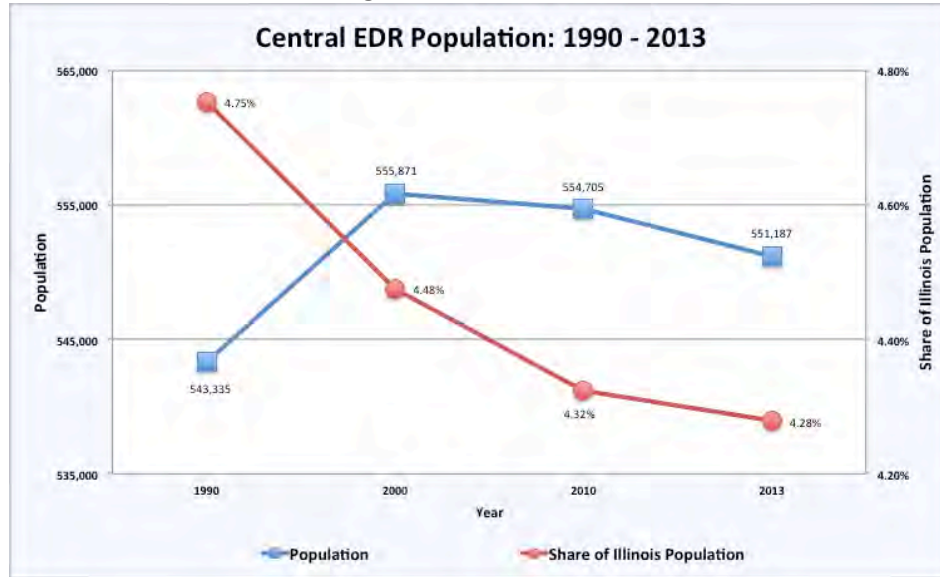
\*\* Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

ATTACHMENT M - Regional Data

<b>Central</b> Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of <b>Graduates</b> by <b>Career Cluster</b>																			
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*
536	Lewis & Clark	32	38	56	77	100	14	0	435	0	6	83	132	76	3	308	38	0	1,398
526	Lincoln Land	16	36	8	131	554	0	0	590	18	11	34	165	77	0	245	242	0	2,127
537	Richland	24	86	1	41	133	0	0	136	45	9	28	51	42	1	83	39	0	719
Central Total		72	160	65	249	787	14	0	1,161	63	26	145	348	195	4	636	319	0	4,244
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		7.7%	5.5%	8.0%	8.0%	4.7%	51.9%	0.0%	6.3%	3.6%	1.2%	6.1%	11.9%	7.0%	1.2%	9.5%	5.3%	0.0%	6.3%

\*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.

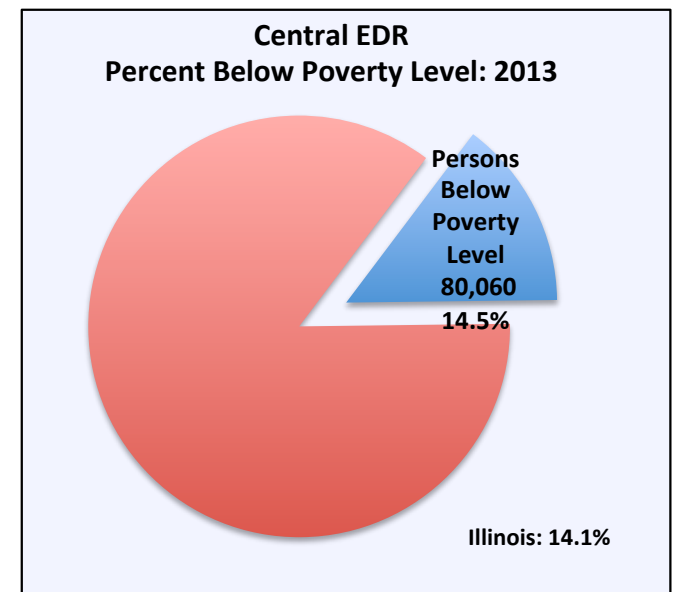
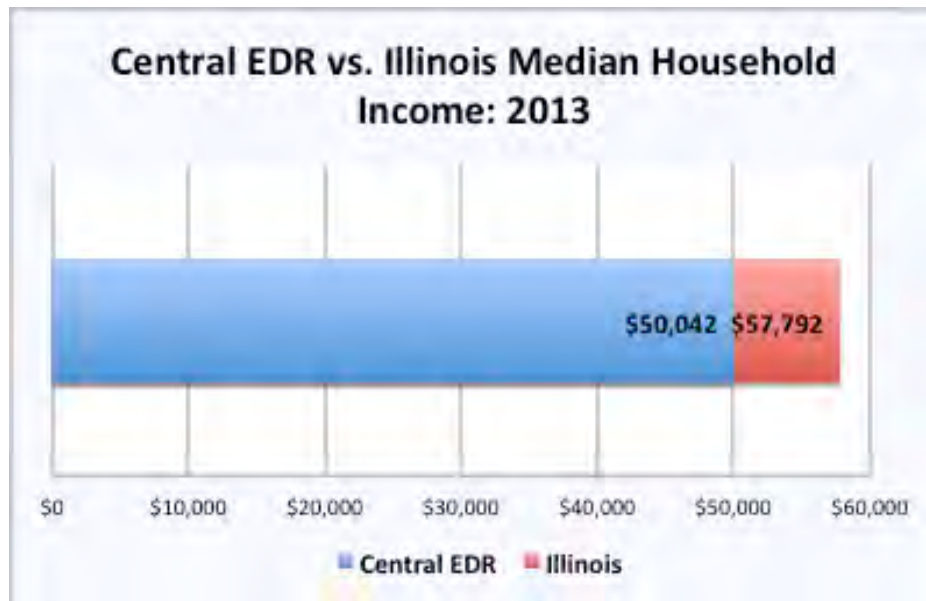
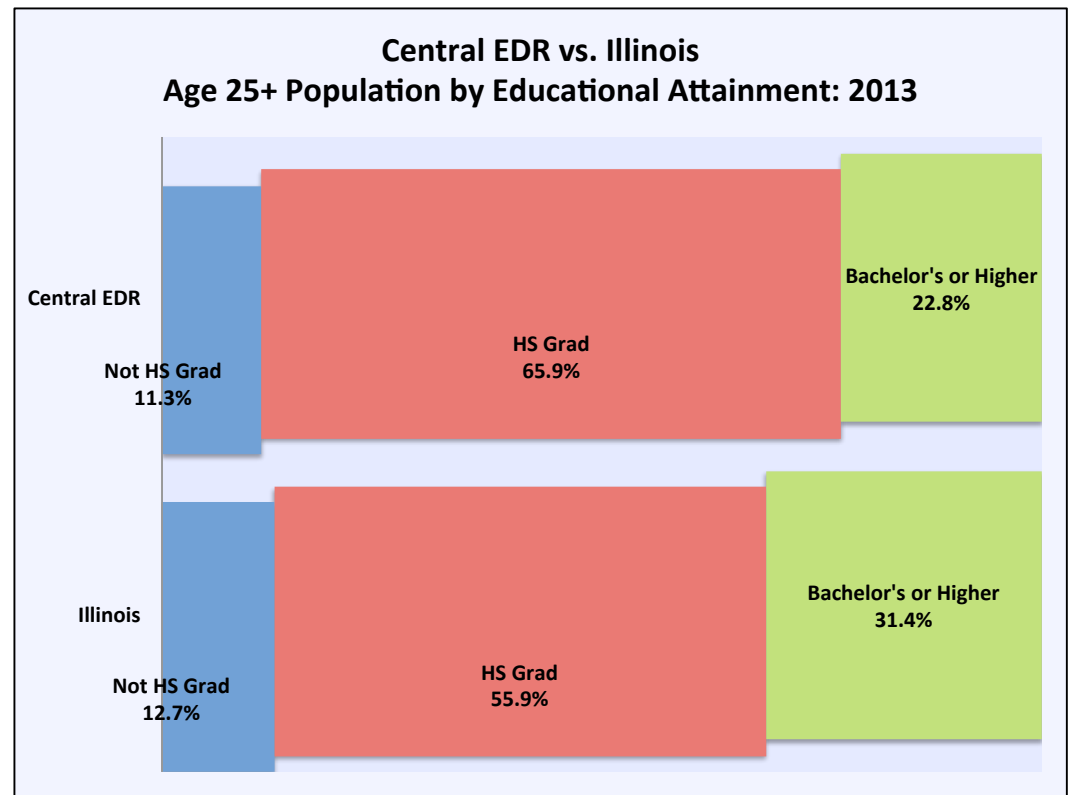
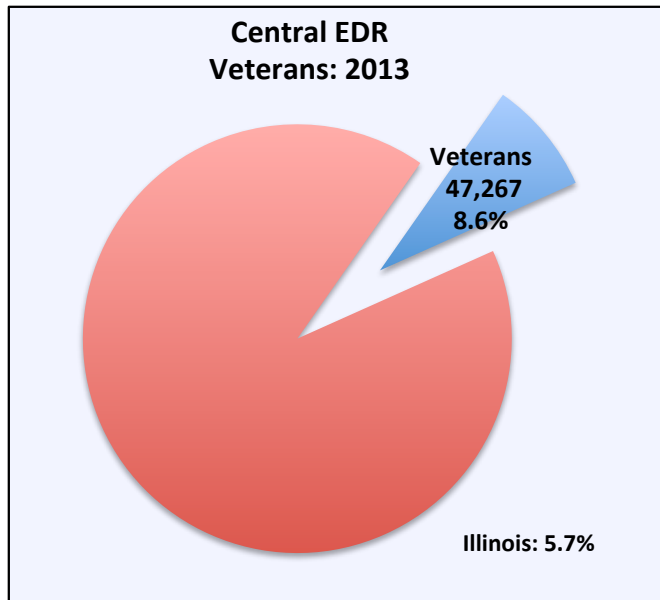
## ATTACHMENT M - Regional Data



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



ATTACHMENT M - Regional Data



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

**CENTRAL REGION**  
**SELECTED TARGET POPULATION CHARACTERISTICS**

Unemployed	Labor Force	268,449
	Employed	249,735
	Unemployed	18,714
	Rate	7.0
TANF	Annual 2014	66,081
	Monthly Average	5,507
Corrections		5,541
Persons with Disabilities	Mental Disabilities	192
	Adults with Disabilities	54,122
Public Aid	Public Aid Recipients	164,930
	Adult Public Aid Recipients	92,284