

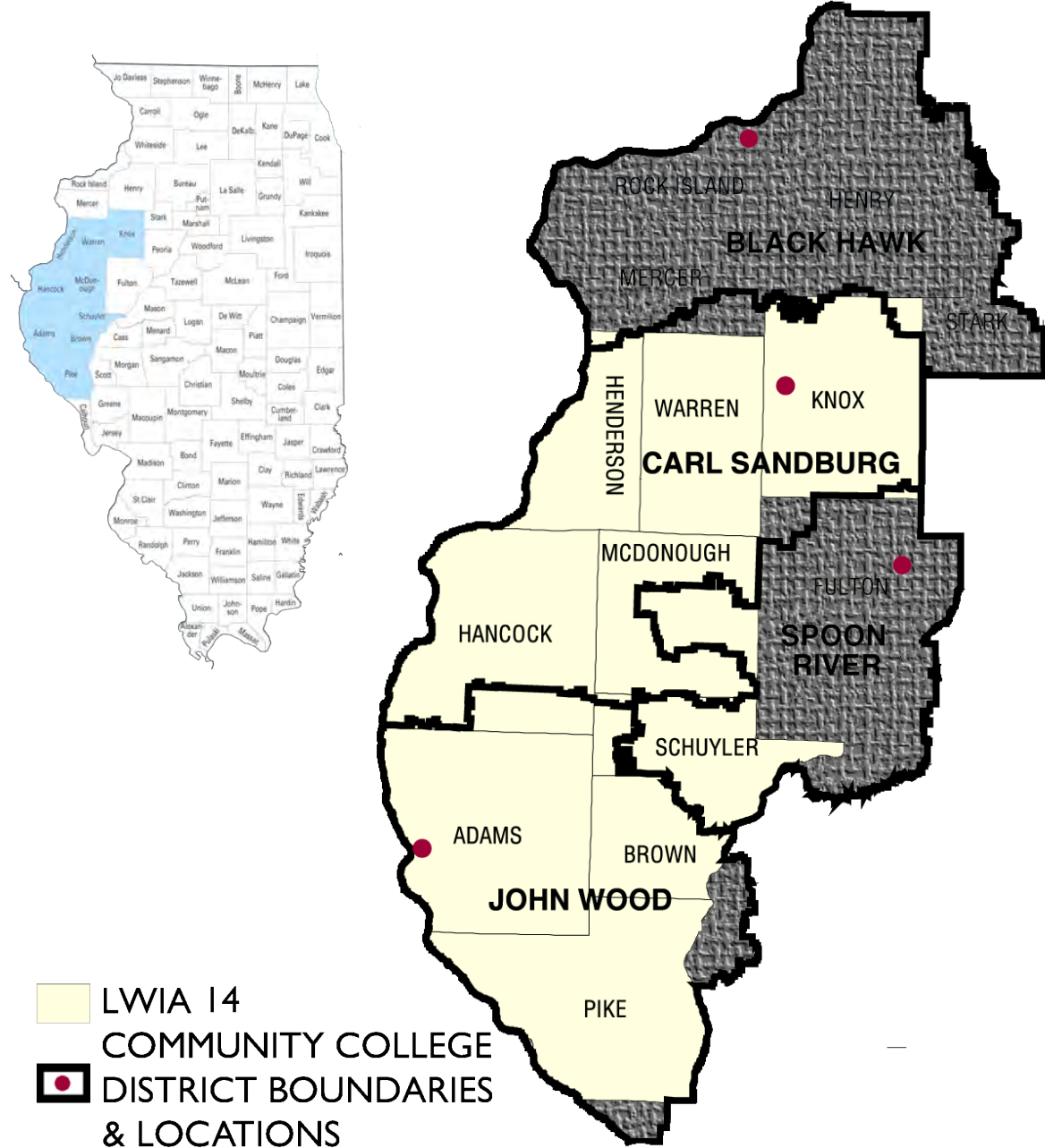
WEST CENTRAL ECONOMIC DEVELOPMENT REGION

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

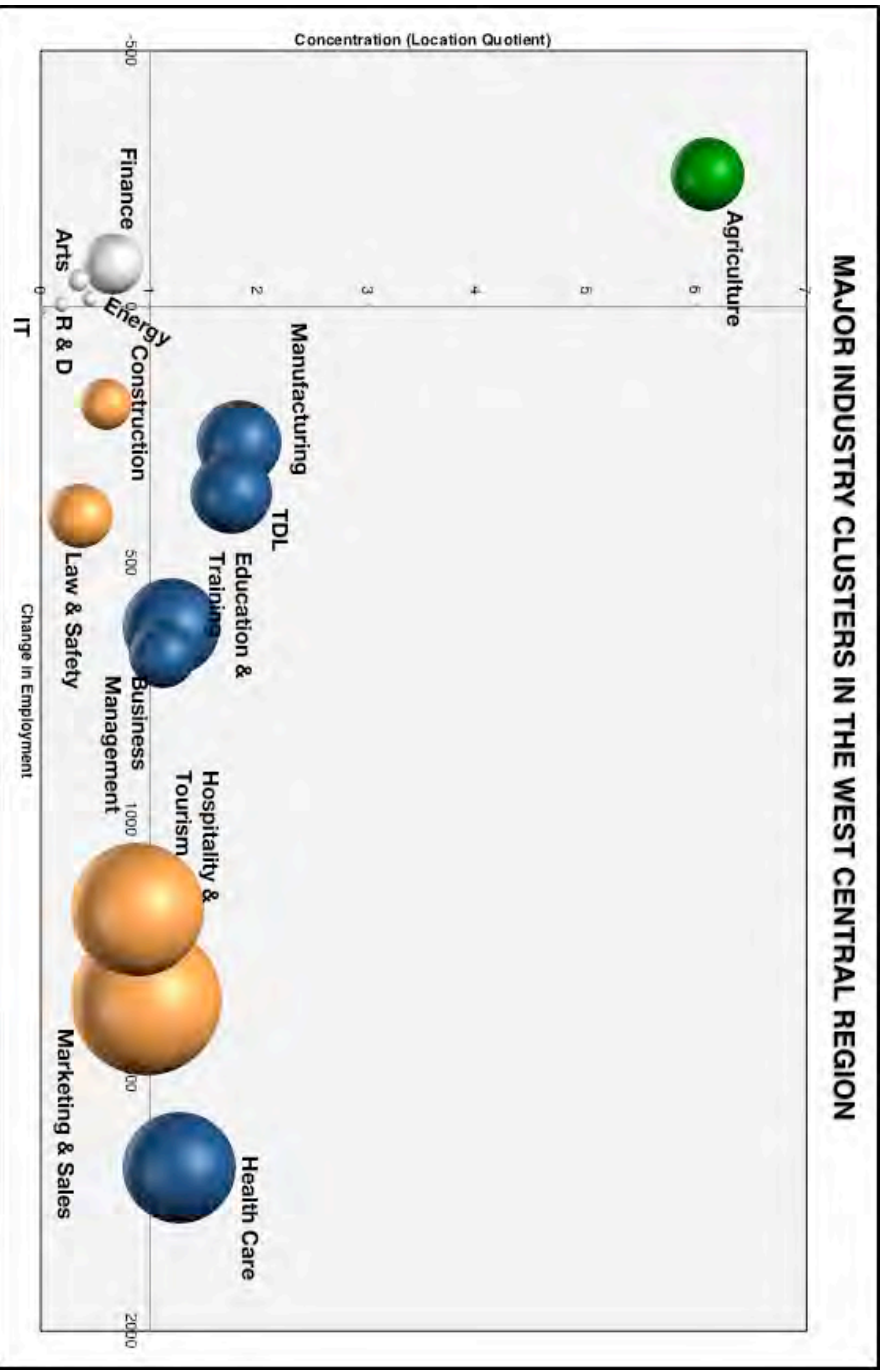


WEST CENTRAL REGION

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

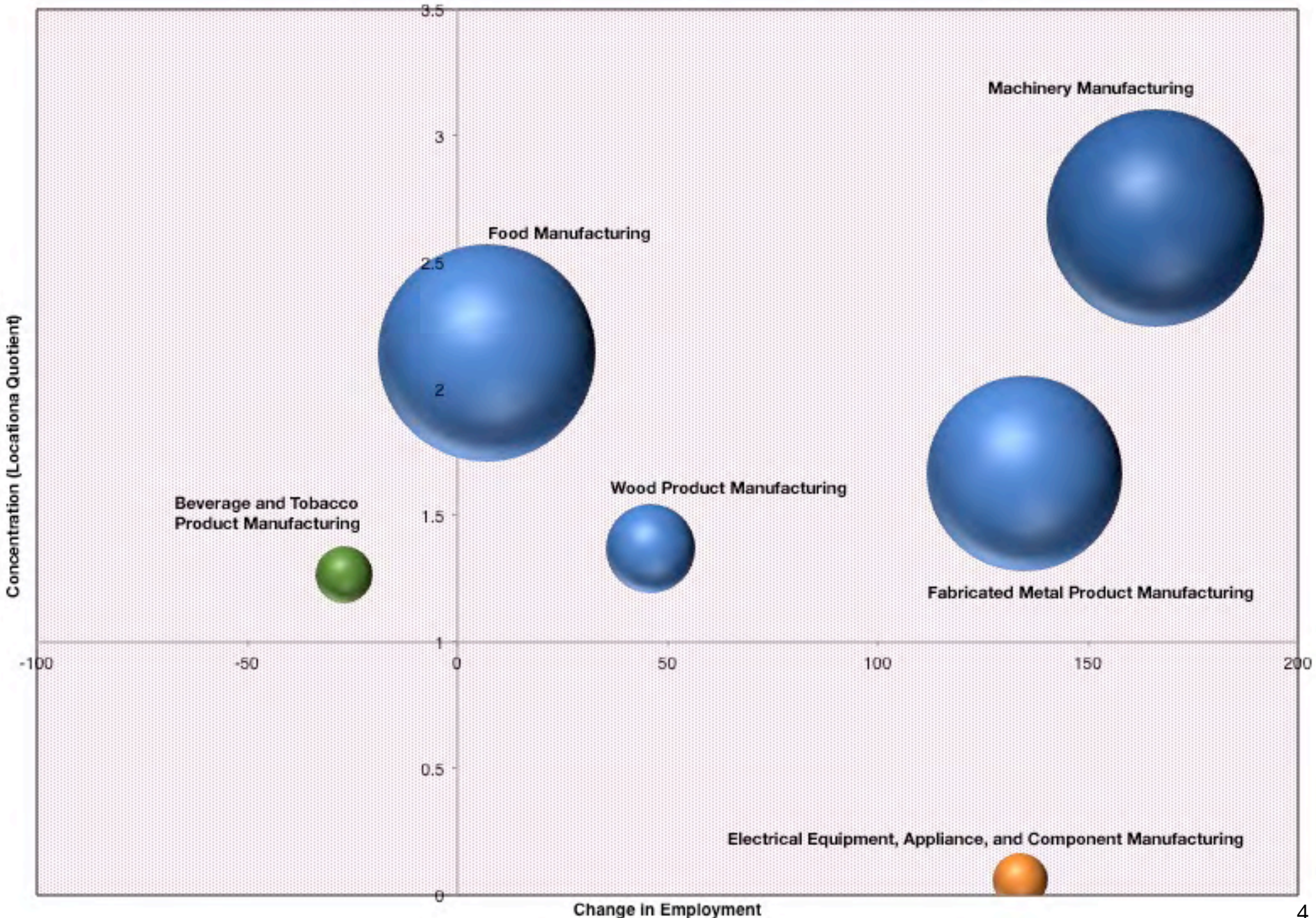
MAJOR INDUSTRY CLUSTERS IN THE WEST CENTRAL REGION



MANUFACTURING							
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
311	Food Manufacturing	2,512	2,519	7	0.3%	2.14	Leading
312	Beverage and Tobacco Product Manufacturing	195	168	(27)	-13.8%	1.27	Maturing
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	
321	Wood Product Manufacturing	374	420	46	12.3%	1.37	Leading
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	
332	Fabricated Metal Product Manufacturing	1,885	2,020	135	7.2%	1.67	Leading
333	Machinery Manufacturing	2,359	2,525	166	7.0%	2.68	Leading
334	Computer and Electronic Product Manufacturing	562	446	(116)	-20.6%	0.64	
335	Electrical Equipment, Appliance, and Component Manufacturing	18	152	134	744.4%	0.06	Emerging
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 O - REGIONAL PLANNING 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

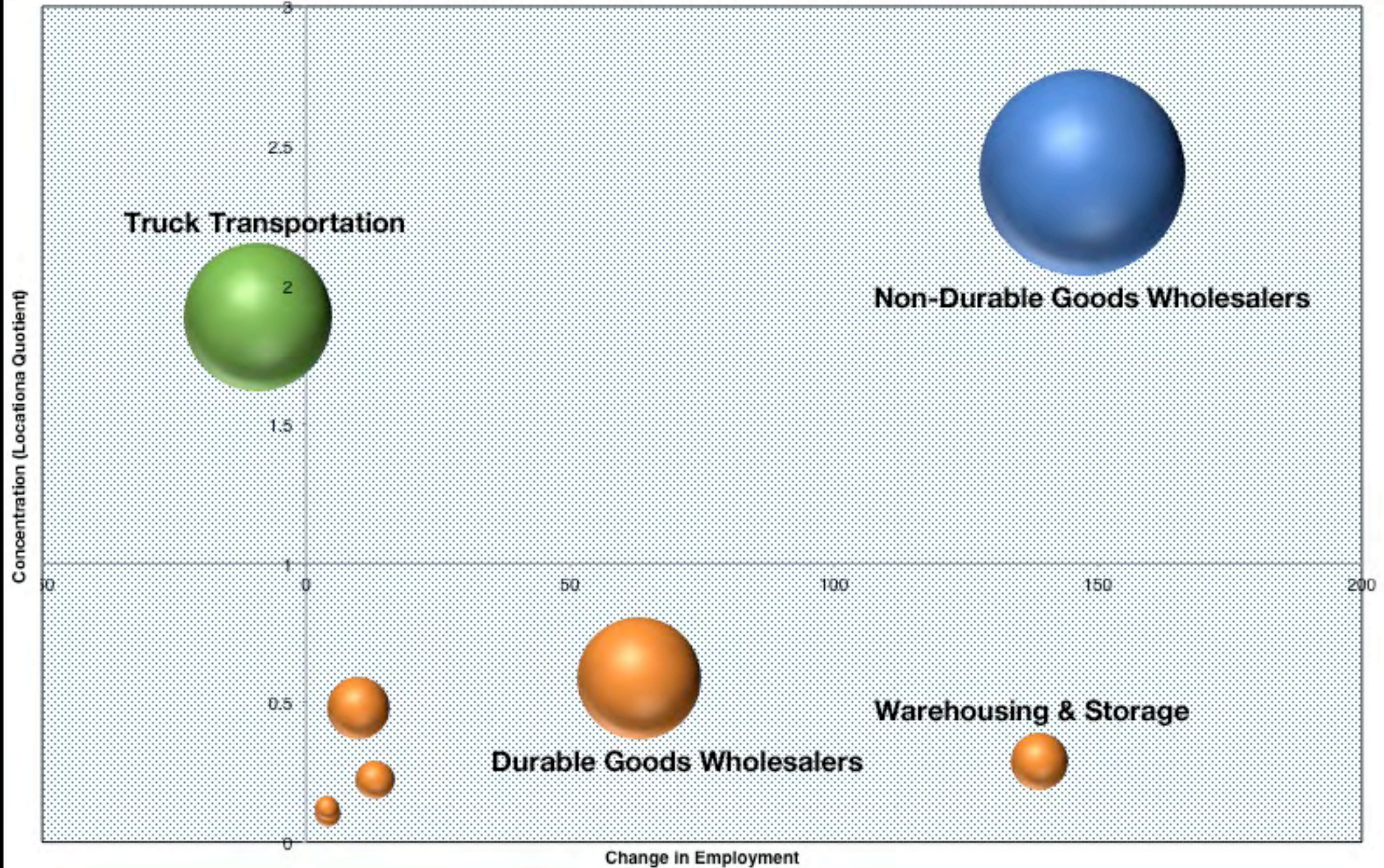
MANUFACTURING
ATTACHMENT O - REGIONAL PLANNING DATA
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE WEST CENTRAL REGION

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				
2	5.6	11.6								
Production	51-4041	Machinists**	19	7	35.1	10.2	\$33,812	High school diploma or equivalent	None	Long-term on-the-job training
				3	16.6	7				
				1	3	1.4				
				1	2.7	2.3				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	10	2	24.3	6.2	\$32,820	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				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 O - REGIONAL PLANNING 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

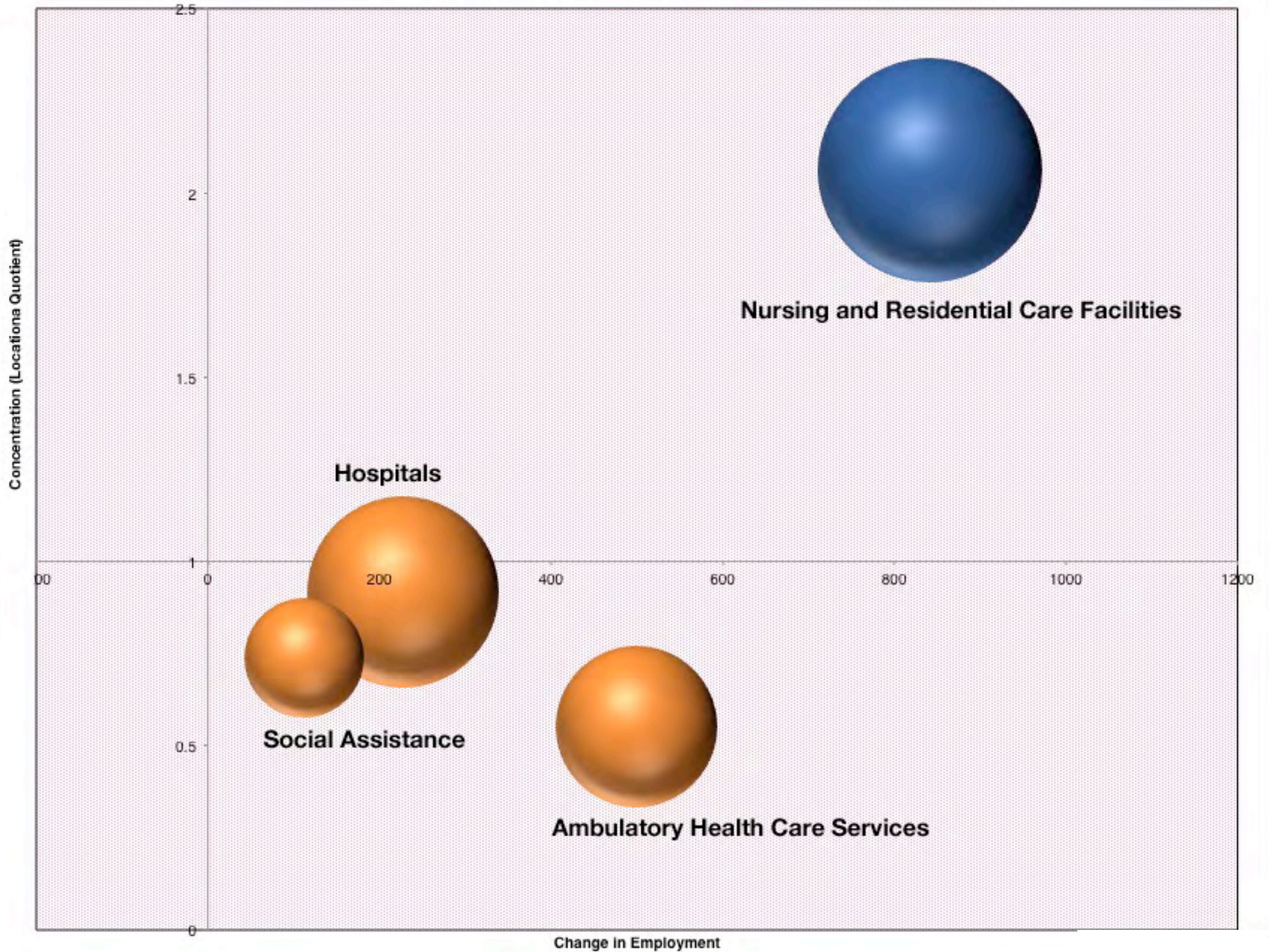
ATTACHMENT O - REGIONAL PLANNING DATA

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				
				1	3.2	2				
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	34	3	7.9	7.3	\$40,314	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				16	46.3	59.7				
				1	3.1	8.5				
				1	1.5	5.6				
				1	2.2	5.3				
				1	8.4	2.5				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	14	1	7.6	3.2	\$23,832	High school diploma or equivalent	None	Short-term on-the-job training
				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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING 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
15-1131	Computer Programmers	3	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
			5112	Software publishers	0	5.4
15-1132	Software Developers, Applications	3	5415	Computer systems design and related services	1	40.6
			5613	Employment services	0	3.9
			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
15-1151	Computer User Support Specialists	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
15-1151	Computer User Support Specialists	4	5415	Computer systems design and related services	1	24.6
			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,** Truck Drivers, Light & Delivery Services School Bus Drivers	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper	No Programs in this EDR		John Wood CC Workforce Development Center

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

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

ATTACHMENT O - REGIONAL PLANNING 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.

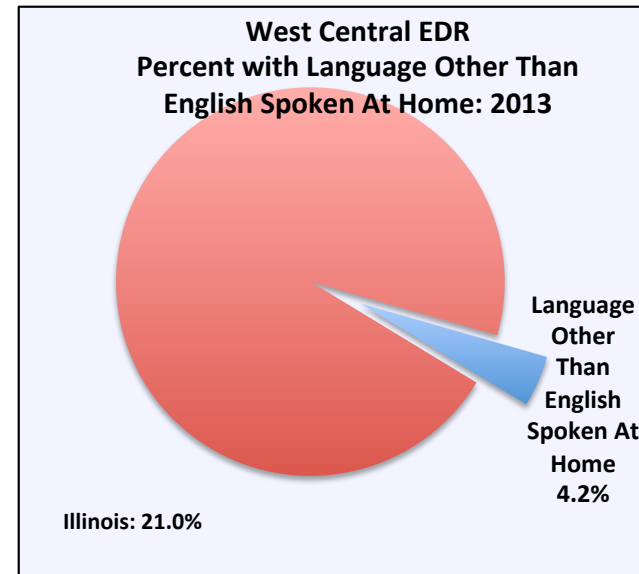
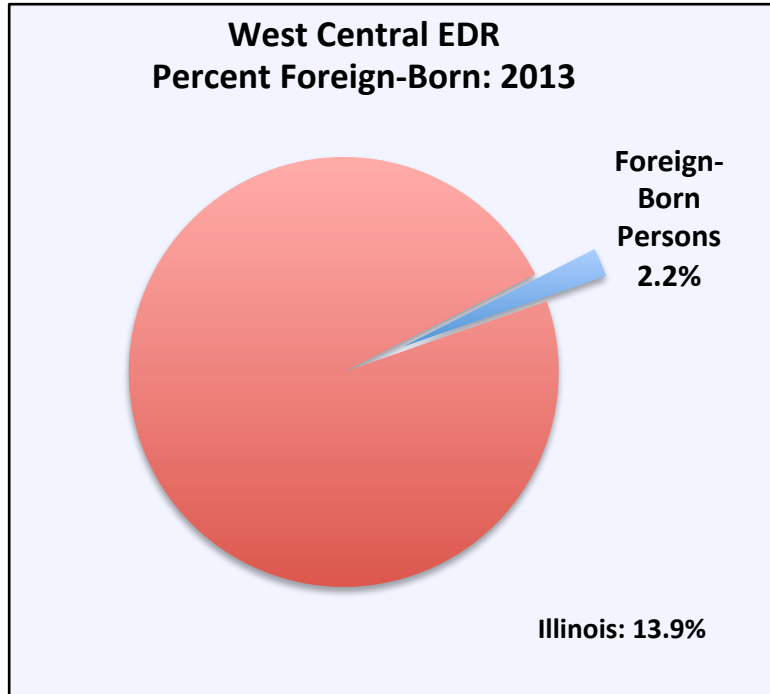
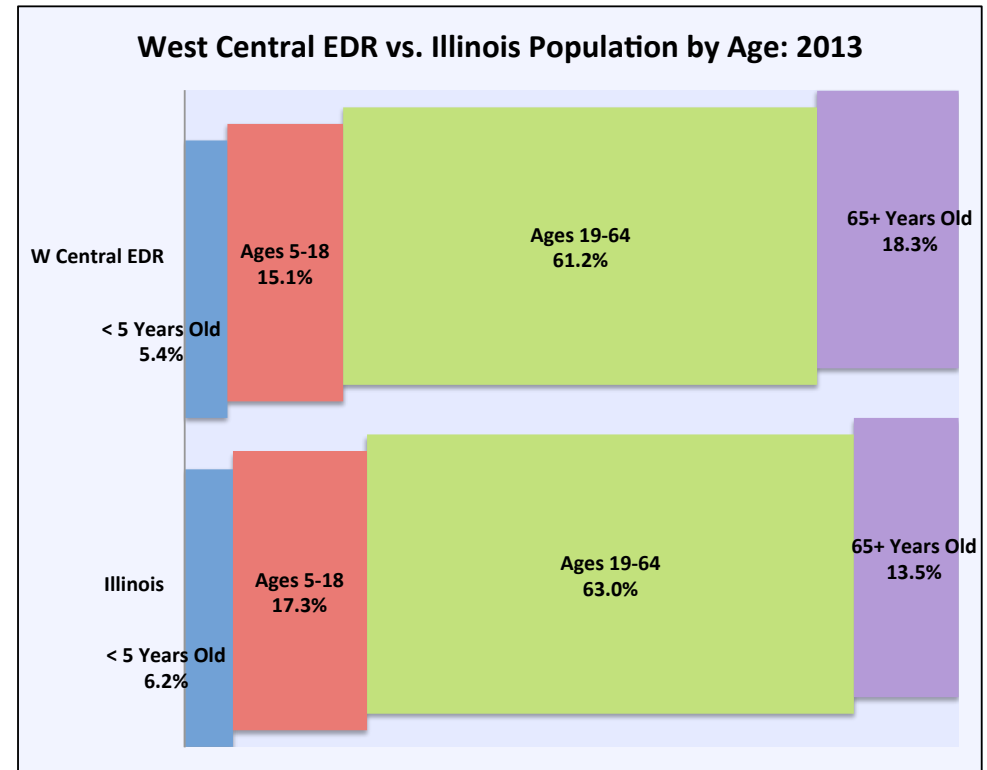
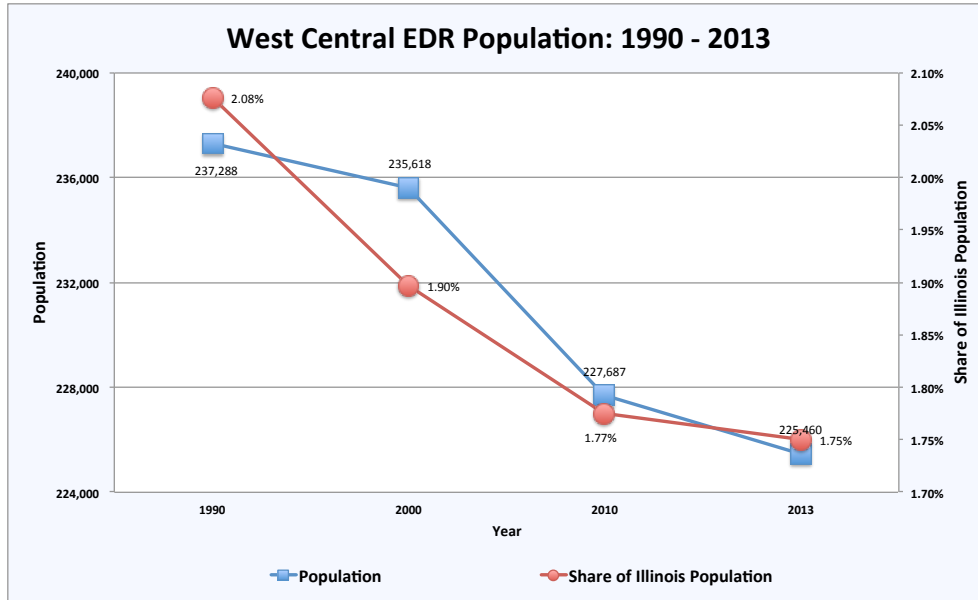
** Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

ATTACHMENT O - REGIONAL PLANNING DATA

West Central Economic Development Region - Illinois Community College System																			
Fiscal Year 2014 Summary of Graduates by Career Cluster																			
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
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%

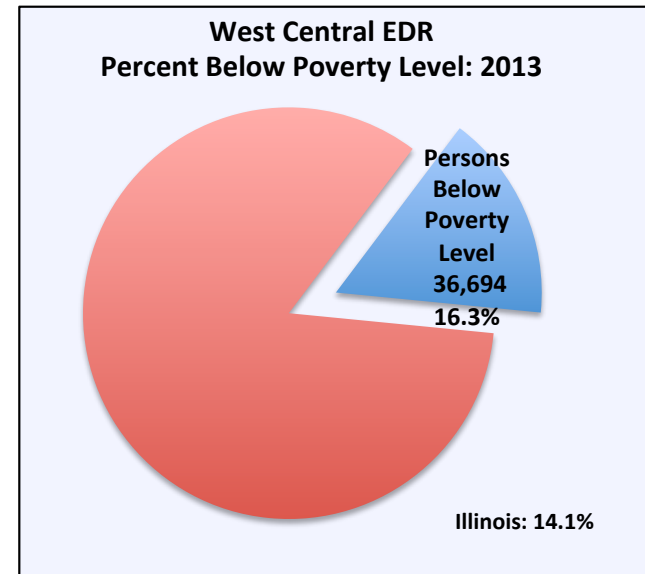
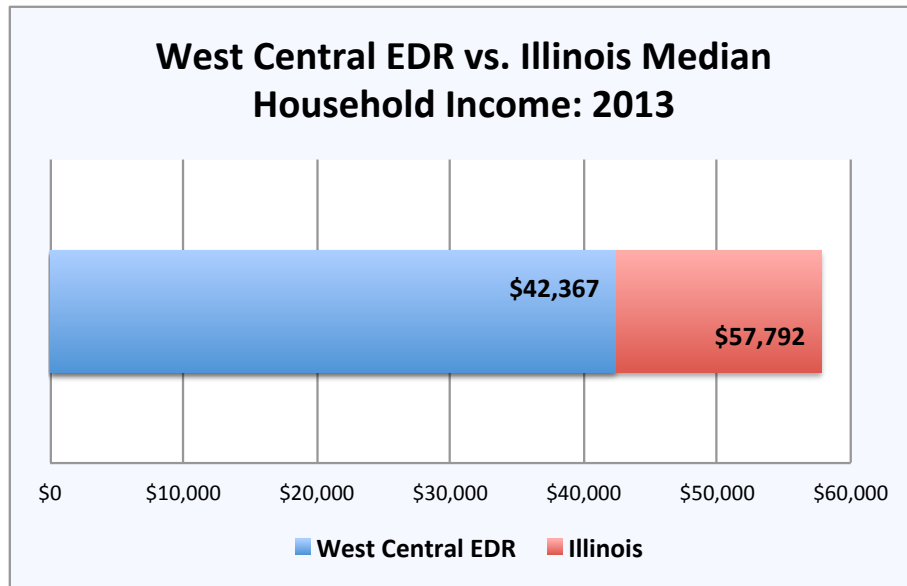
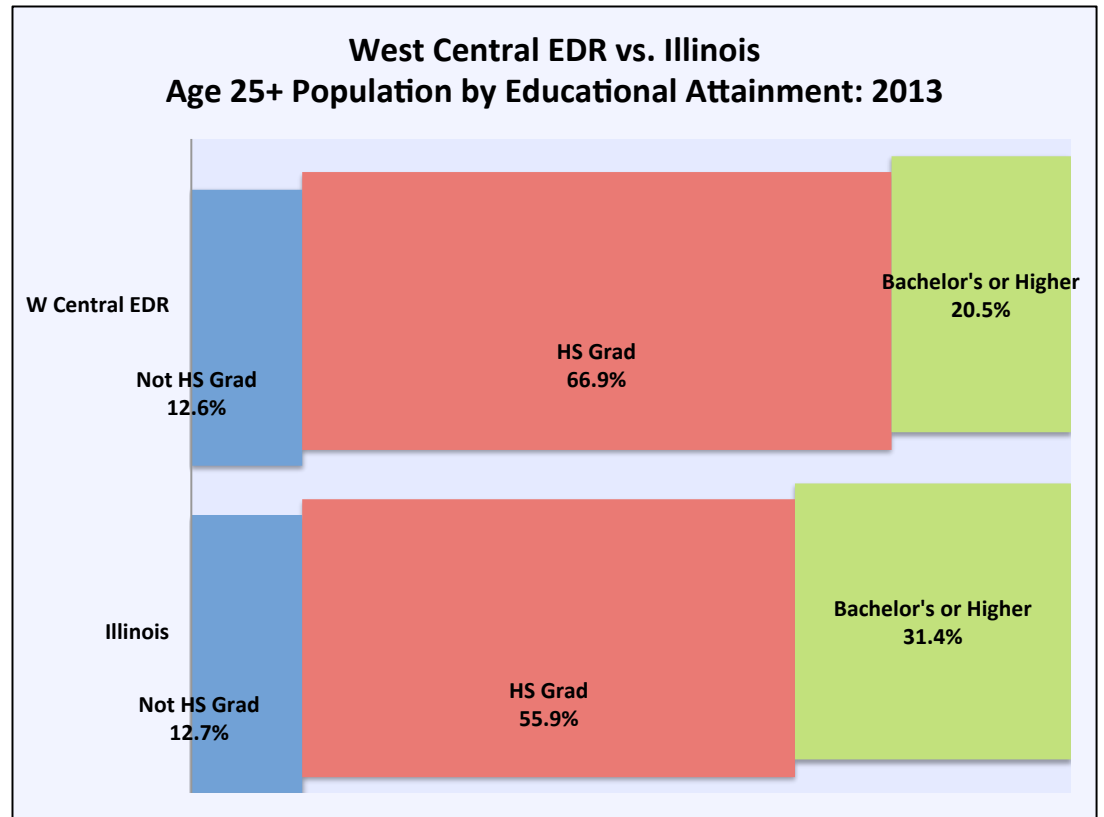
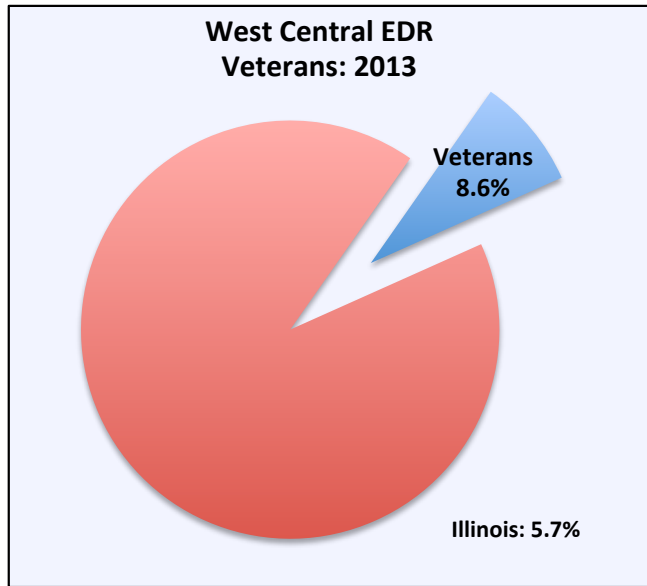
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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

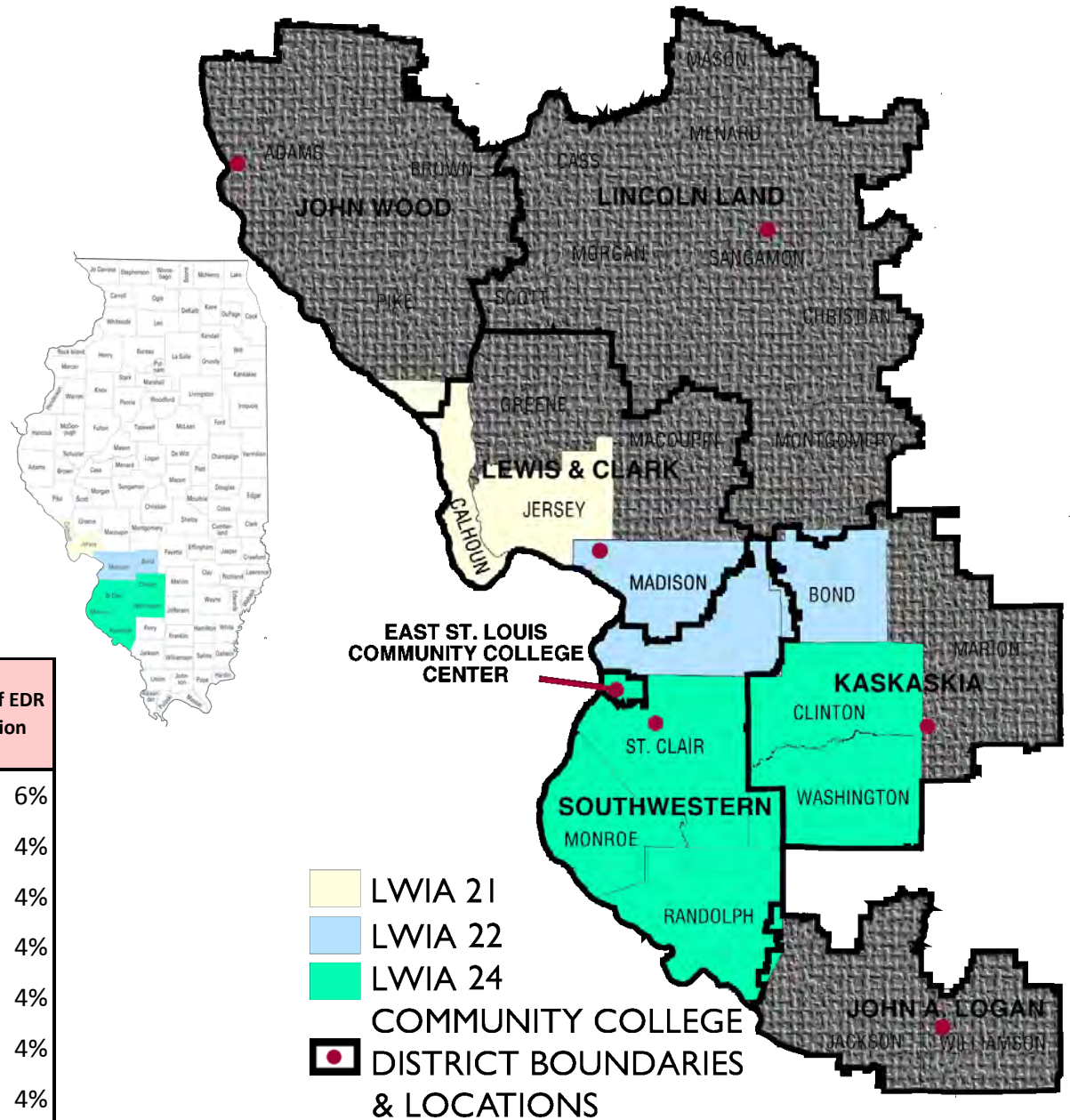
SOUTHWEST ECONOMIC DEVELOPMENT REGION

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%
Total Population	698,088	

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

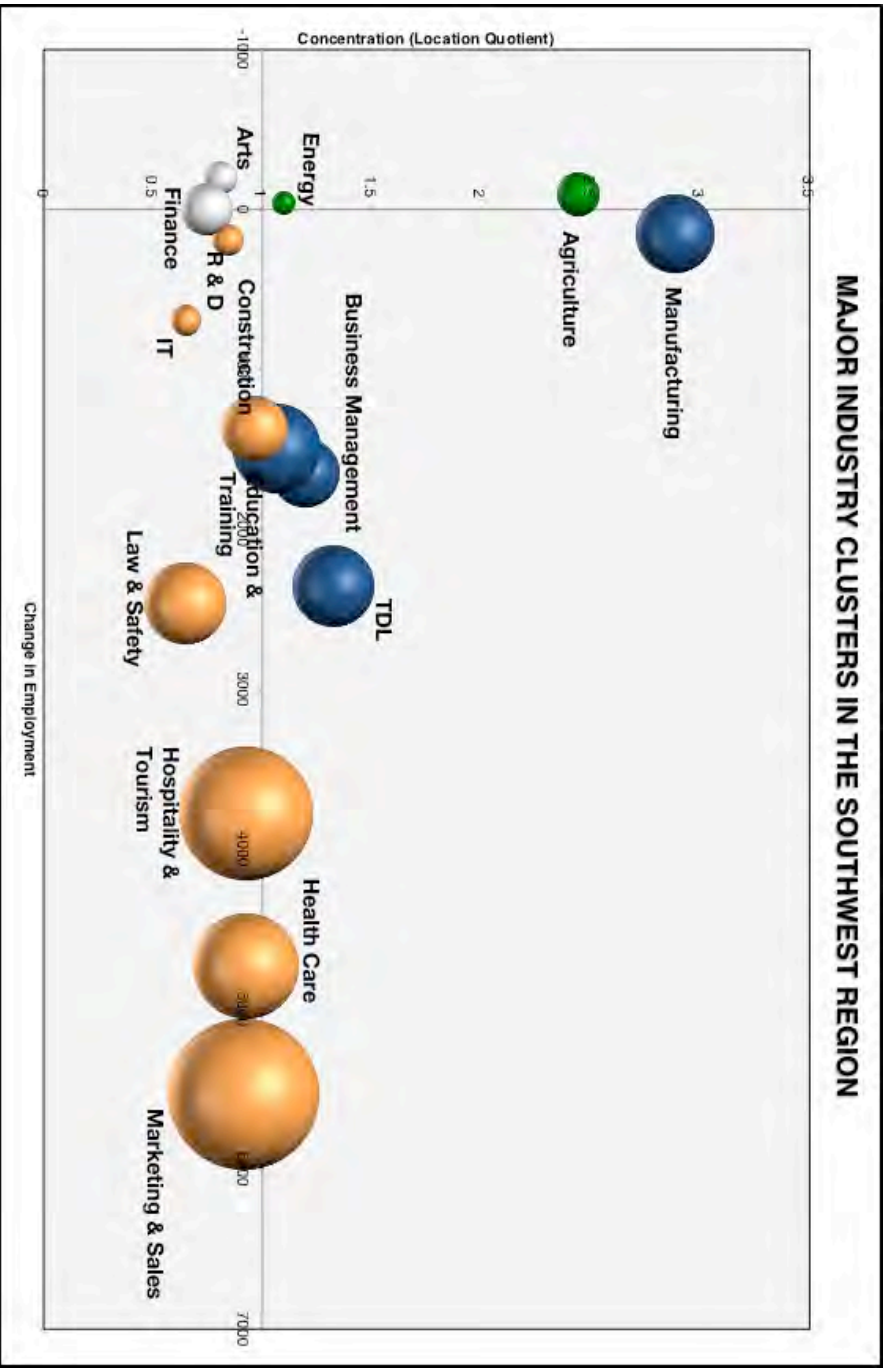


SOUTHWEST REGION

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

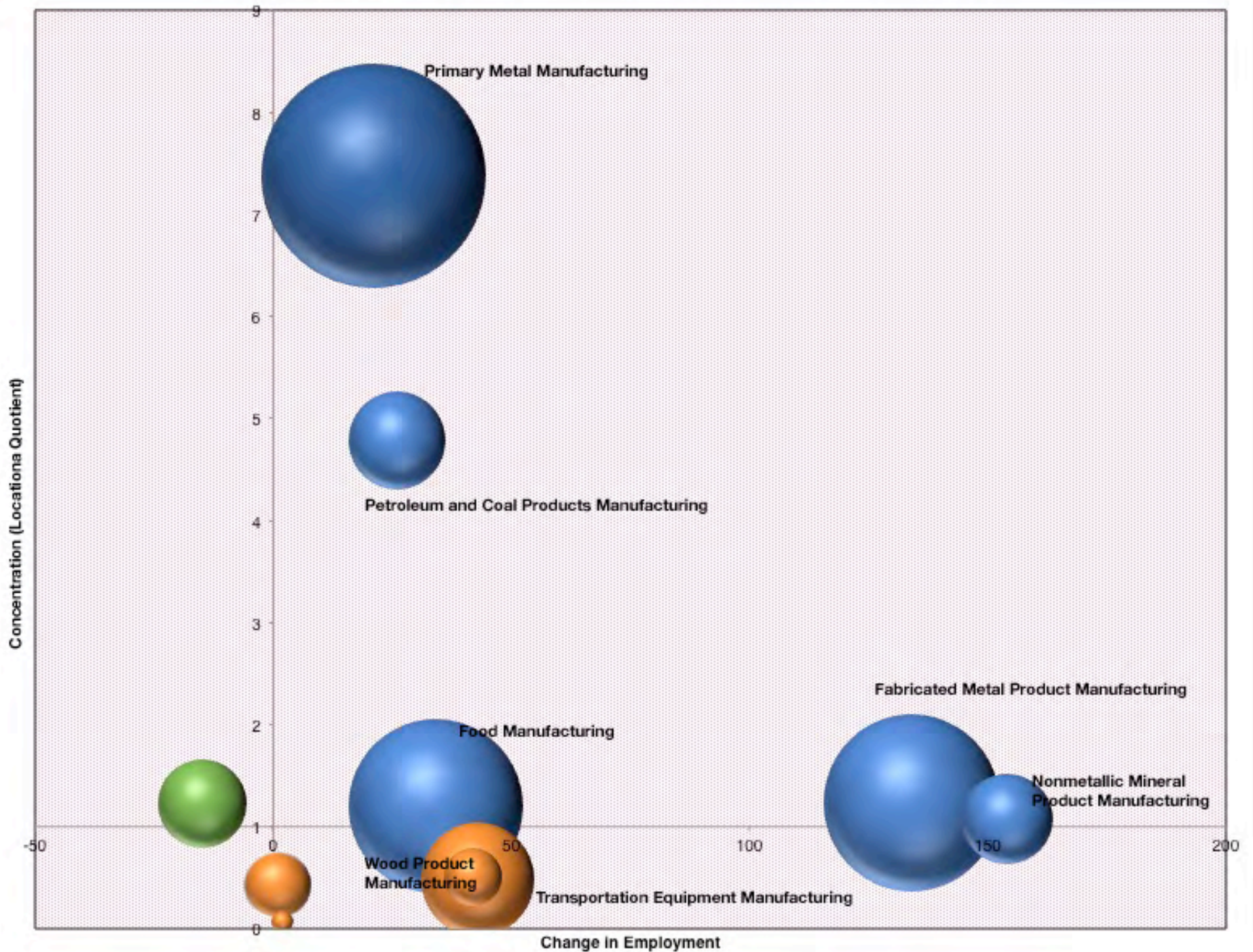
MAJOR INDUSTRY CLUSTERS IN THE SOUTHWEST REGION



MANUFACTURING							
LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWESTERN REGION							
NAICS	DESCRIPTION	2012 Employment	2022 Employment	Employment Change 2012- 22	% Change 2012-22	2014 LQ	Class
311	Food Manufacturing	3,468	3,502	34	1.0%	1.20	Leading
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%	-	
321	Wood Product Manufacturing	343	385	42	12.2%	0.51	Emerging
322	Paper Manufacturing	475	432	(43)	-9.1%	0.63	
323	Printing and Related Support Activities	604	455	(149)	-24.7%	0.66	
324	Petroleum and Coal Products Manufacturing	1,056	1,082	26	2.5%	4.78	Leading
325	Chemical Manufacturing	966	938	(28)	-2.9%	0.62	
326	Plastics and Rubber Products Manufacturing	156	146	(10)	-6.4%	0.12	
327	Nonmetallic Mineral Product Manufacturing	782	936	154	19.7%	1.08	Leading
331	Primary Metal Manufacturing	5,847	5,868	21	0.4%	7.38	Leading
332	Fabricated Metal Product Manufacturing	3,443	3,577	134	3.9%	1.23	Leading
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	
335	Electrical Equipment, Appliance, and Component Manufacturing	903	888	(15)	-1.7%	1.22	Maturing
336	Transportation Equipment Manufacturing	1,431	1,474	43	3.0%	0.48	Emerging
337	Furniture and Related Product Manufacturing	49	51	2	4.1%	0.07	Emerging
339	Miscellaneous Manufacturing	483	484	1	0.2%	0.42	Emerging

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHWESTERN REGION



MANUFACTURING

ATTACHMENT O - REGIONAL PLANNING 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 Spvrns/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

ATTACHMENT O – REGIONAL PLANNING DATA

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 O - REGIONAL PLANNING 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	3	9.1	2.4	\$54,703	High school diploma or equivalent	None	Long-term on-the-job training
				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								
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	54	1	2.3	2.3	\$36,496	High school diploma or equivalent	None	Moderate-term on-the-job training
				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	7.8	3.2	\$59,466	Postsecondary non-degree award	1 to 5 years	None
				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				
1	3.2	3.5								
Production	51-2092	Team Assemblers	38	1	2.5	1.9	\$26,217	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				
8	20.3	15.1								

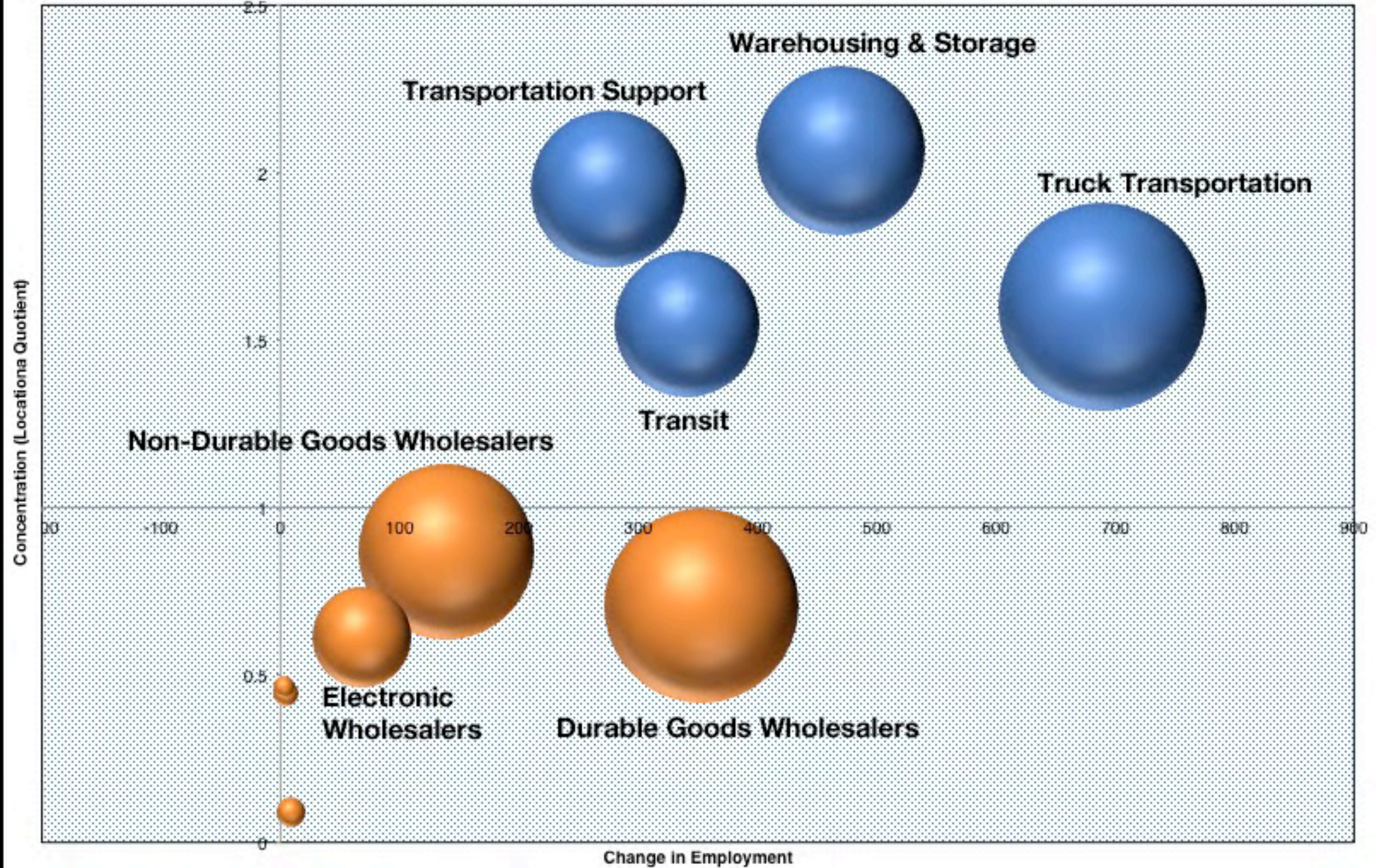
ATTACHMENT O - REGIONAL PLANNING DATA

ATTACHMENT O - REGIONAL PLANNING 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	1.9	2.2	\$41,913	High school diploma or equivalent	None	Long-term on-the-job training
				10	35.1	10.2				
				5	16.6	7				
				1	3	1.4				
				3	12	3.6				
				1	2.7	2.3				
				4	24.3	6.2				
Production	51-4121	Welders, Cutters, Solderers & Brazers**	15	2	13.2	4.9	\$35,894	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
				2	12.5	3.3				
				1	6.6	2.2				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	19	1	4.8	3.2	\$31,834	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.6	4.7				
				2	8.9	2.9				
				1	4.7	2.3				
				1	5.4	2.8				
				2	10	3.4				
				1	2.9	2.7				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	16	5	30.3	7.8	\$26,758	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.2	10.3				
				2	11.8	6				
				1	3.6	2.2				
Production	51-9199	Production Workers, All Other	20	2	10.9	2	\$20,603	High school diploma or equivalent	None	Moderate-term on-the-job training
				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 O - REGIONAL PLANNING 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

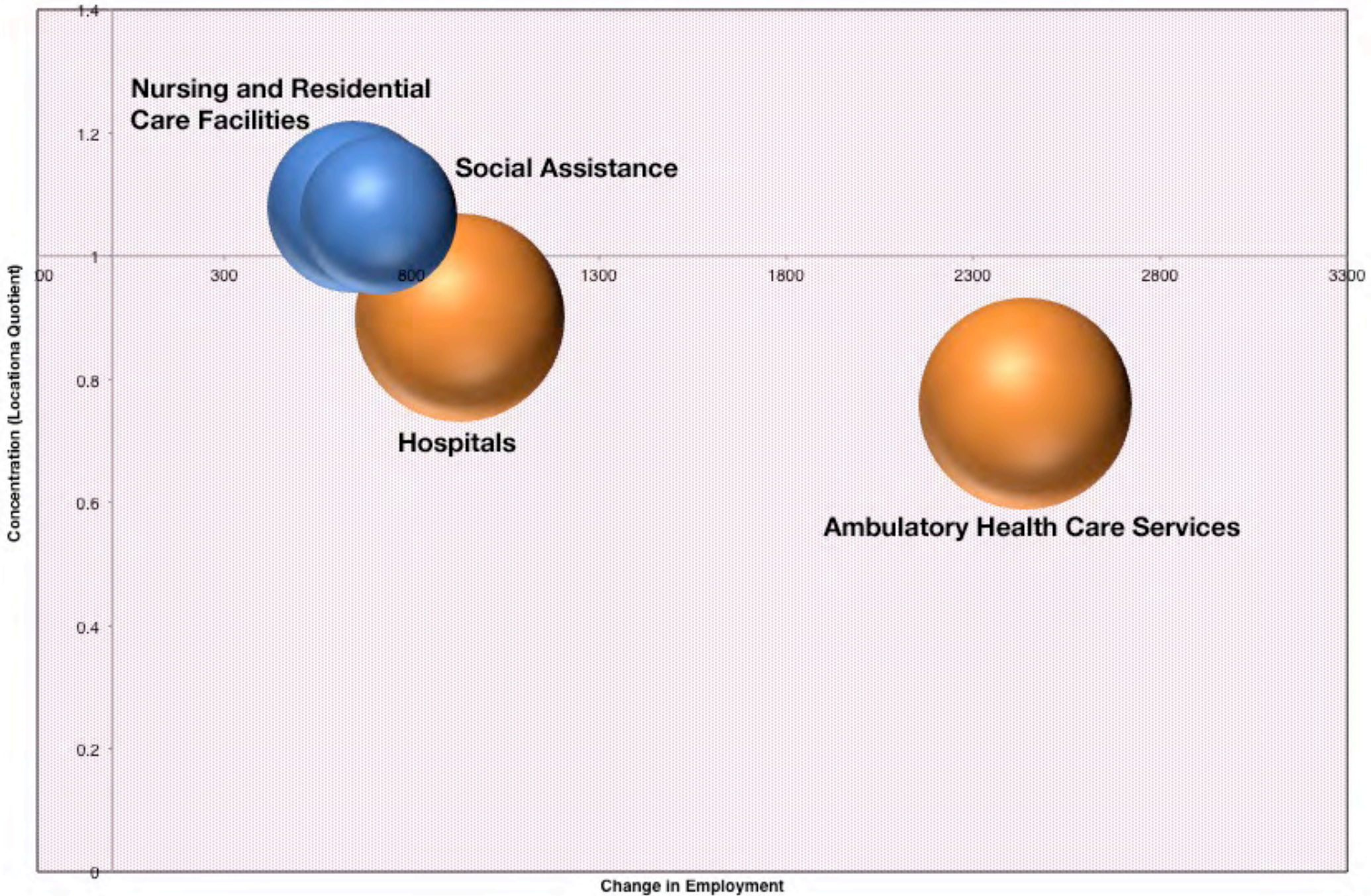
ATTACHMENT O - REGIONAL PLANNING DATA

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
				1	1.6	1.2				
				1	1	2.3				
Sales and Service	43-5011	Cargo & Freight Agents (Route Planners)	19	2	9.5	2.1	\$25,455	High school diploma or equivalent	None	Short-term on-the-job training
				2	8.3	0.5				
				12	63.6	8.4				
				1	7.6	1.4				
Transportation Operations	43-5032	Dispatchers**	18	1	2.9	0.2	\$34,750	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	17.9	2.6				
				1	7.8	3.2				
				1	7.9	2.4				
				1	3.1	1.3				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	33	4	13.5	3.2	\$31,334	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**	59	1	1.7	0.4	\$41,098	High school diploma or equivalent	None	Long-term on-the-job training
				2	10.6	1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	15	3	18.6	3.5	\$41,278	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**	19	1	2.7	0.5	\$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	\$29,823	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3022	School Bus Drivers	48	20	41.2	41.1	\$31,665	High school diploma or equivalent	None	Moderate-term on-the-job training
				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				
				2	1.5	5.6				
				3	2.2	5.3				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	38	3	8.4	2.5	\$30,849	High school diploma or equivalent	None	Short-term on-the-job training
				3	7.6	3.2				
				1	1.8	1.4				
				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	SOCTitle	Average Annual Job Openings	2022 Percent of Employment that is in this Occupation		
						Annual Occupation Openings in Industry	2022 Percent 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	Health Informatics	11-9111	Medical & Health Services Managers	19	6	30	1.3
622	Hospitals					7	36.4	2.1
623	Nursing and Residential Care Facilities					2	10.8	1.1
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	Support Services	21-1015	Rehabilitation Counselors	7	2	20.1	0.9
621	Ambulatory Health Care Services					1	13.4	0.5
622	Hospitals					3	45.7	1.8
621	Ambulatory Health Care Services	Support Services	21-1022	Medical Health Social Workers	7	2	25.1	0.5
622	Hospitals					2	28.4	0.8
623	Nursing and Residential Care Facilities					1	15.1	0.7
624	Social Assistance	Support Services	21-1093	Social & Human Services Assistants**	19	1	14.6	0.7
622	Hospitals					2	8	0.4
623	Nursing and Residential Care Facilities	Support Services	21-1099	Community/Social Services Specialists, All Other	7	1	3.1	0.2
624	Social Assistance					3	17.1	2
624	Social Assistance	Health Informatics	21-1051	Pharmacists	14	8	40.7	5.1
621	Ambulatory Health Care Services	Therapeutic Services	29-1122	Occupational Therapists	7	2	25.9	0.9
622	Hospitals					2	25.9	0.9
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	25	2	6.7	0.5
622	Hospitals					2	6.7	0.5
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1127	Speech-Language Pathologists	12	3	28.4	0.5
621	Ambulatory Health Care Services					2	13.6	0.3
622	Hospitals					1	4.9	0.2
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1141	Registered Nurses	154	1	4.2	0.2
624	Social Assistance					1	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	6	4	62	1
622	Hospitals					2	25.4	0.6
621	Ambulatory Health Care Services	Diagnostic Services	29-2011	Med & Clinical Lab Technologists	6	2	32.3	0.7
622	Hospitals					3	57	1.6
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	10	4	44.3	1.1
622	Hospitals					4	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	11	11	97.4	2.8
622	Hospitals					3	36.7	1
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	9	5	56.9	2.1
622	Hospitals					3	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	10	55	1.8
622	Hospitals					3	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	16	1	3.5	0.2
622	Hospitals					3	16.2	1
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	41	12	28.9	3
622	Hospitals					7	16.3	2.3
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	12	16	39.1	9.1
622	Hospitals					1	1.4	0.4
623	Nursing and Residential Care Facilities	Health Informatics	29-2081	Opticians, Dispensing	7	4	35.4	0.9
624	Social Assistance					5	37.6	1.3
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	84	4	53.4	0.5
622	Hospitals					4	53.4	0.5
623	Nursing and Residential Care Facilities	Therapeutic Services	31-2021	Physical Therapist Assistants	8	8	9	1.8
624	Social Assistance					20	24.4	6.6
621	Ambulatory Health Care Services	Therapeutic Services				45	53.9	24.4
622	Hospitals					2	1.9	1
623	Nursing and Residential Care Facilities	Therapeutic Services				5	61.2	0.7
624	Social Assistance					2	22.9	0.3
621	Ambulatory Health Care Services	Therapeutic Services				1	12.1	0.3
622	Hospitals					5	67.9	0.5

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	Therapeutic Services	31-9091	Dental Assistants	12	2	24.6	0.5
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	33	11	95.4	4.1
622	Hospitals					26	79.7	6.6
623	Nursing and Residential Care Facilities					4	12.4	1.4
621	Ambulatory Health Care Services					1	2	0.4
622	Hospitals	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					1	8.5	0.3
622	Hospitals					1	1.2	0.2
622	Hospitals	Health Informatics	35-1012	1st-Line Svcs./Mgts, 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					2	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	18	2	11.8	0.6
622	Hospitals					1	4.6	0.3
621	Ambulatory Health Care Services					20	40.6	5.3
622	Hospitals	Health Informatics	43-4171	Receptionists & Information Clerks **	49	2	3.7	0.6
623	Nursing and Residential Care Facilities					1	2.9	0.8
624	Social Assistance					1	2	0.6

ATTACHMENT O - REGIONAL PLANNING DATA

HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHWEST REGION

Primary	SOC Code	SOC Title	Average Annual Job Openings in this Industry	2022 Percent of Employment in this Industry		Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				Annual Job Openings in this Industry	Occupation				
Health Informatics	11-3011	Administrative Services Managers **	13	1	5.9	0.2	High school diploma or equivalent	1 to 5 years	None
				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	14.6	0.7			
Therapeutic Services	29-1051	Pharmacists	14	1	4.2	0.2	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	5.7	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	44.3	1.1	Associate's degree	None	None
				4	41.4	1.3			
				11	97.4	2			
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	9	3	36.7	2.1	Associate's degree	None	None
				5	56.9	2.1			
				10	55	1.8			
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	3	15.2	0.7	Postsecondary non-degree award	None	None
				1	3.5	0.2			
				3	16.2	1			
Therapeutic Services	29-2052	Pharmacy Technicians	16	12	28.9	3	High school diploma or equivalent	None	Moderate-term on-the-job training
				7	16.3	2.3			
				16	39.1	9.1			
Therapeutic Services	29-2061	Licensed Practical Nurses	41	4	53.4	0.5	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			
Therapeutic Services	31-1014	Nursing Assistants	84	45	53.9	24.4	Postsecondary non-degree award	None	None
				2	1.9	1			
				5	61.2	0.7			
Therapeutic Services	31-2021	Physical Therapist Assistants	8	1	12.1	0.3	Associate's degree	None	None
				2	22.9	0.3			
				5	67.9	0.5			
Therapeutic Services	31-2022	Physical Therapist Aides	7	1	21	0.2	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.3	0.1			
				2	24.6	0.5			
Health Informatics	31-9011	Massage Therapists	9	2	24.6	0.5	Postsecondary non-degree award	None	None
				11	95.4	4.1			
				26	79.7	6.6			
Therapeutic Services	31-9091	Dental Assistants	12	4	12.4	1.4	Postsecondary non-degree award	None	None
				1	1.2	0.4			
				3	22.5	0.3			
Health Informatics	31-9099	Healthcare Support Workers, All Other	15	5	33.9	0.6	High school diploma or equivalent	None	Short-term on-the-job training
				1	8.5	0.3			
				1	1.2	0.2			
Health Informatics	35-1012	1st-Line Svcs/Mngs, Food Prep/Serv **	58	1	1.2	0.2	High school diploma or equivalent	1 to 5 years	None
				2	2.7	0.7			
				2	2.7	0.7			
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			
				1	2.9	0.8			
Health Informatics	43-4171	Receptionists & Information Clerks **	49	2	3.7	0.6	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.9	0.8			
				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
15-1131	Computer Programmers	23	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
15-1132	Software Developers, Applications	24	5112	Software publishers	1	5.4
			5415	Computer systems design and related services	9	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
15-1133	Software Developers, Systems Software	14	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
15-1142	Network & Computer Sys. Administrators	9	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
15-1151	Computer User Support Specialists	17	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
			551	Management of companies and enterprises	0	5.2
15-1152	Computer Network Support Specialists	4	611	Educational services; state, local, and private	1	10.4
			5415	Computer systems design and related services	2	18.8
			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
15-1152	Computer Network Support Specialists	4	5112	Software publishers	1	4.3
			5415	Computer systems design and related services	4	24.6
			5613	Employment services	1	3.6
			423	Merchant wholesalers, durable goods	0	4.3
			517	Telecommunications	0	7.3
15-1152	Computer Network Support Specialists	4	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	23	< 1 Yr Cert	Lewis & Clark CC
					Premier CDL Training Services
School Bus Drivers	Community Colleges	Kaskaskia College	23	< 1 Yr Cert	Rock Gate Capital
Bus Drivers, Transit & Intercity	52.0408	General Office Occupations			
Truck Drivers, Light & Delivery Services	52.0410	Traffic, Customs, Transp Clerk	No Programs in this EDR	1-2 Yr Cert	Kaskaskia College
					Lewis & Clark CC
Cargo & Freight Agents (Route Planners)	52.0410	Traffic, Customs, Transp Clerk	No Programs in this EDR	1-2 Yr Cert	Lewis & Clark CC
					Lewis & Clark CC
Shipping, Receiving, & Traffic Clerks**	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			
		Lewis & Clark CC	107	Associate	Lewis & Clark CC
		Southwestern CC	67	Associate	Southwestern CC
		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		
Nursing Assistants	51.3902	Nurse Aide			
		Lewis & Clark CC	172	< 1 Yr Cert	Southwestern CC
	Community Colleges Kaskaskia CC	326	< 1 Yr Cert		
	Southwestern CC	317	< 1 Yr Cert		
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 Southwestern IL College	1	1-2 Yr Cert		
	51.0716	Med Admin/Exec Assistant & Med Secretary.			
Licensed Practical Nurses	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		
	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 O – REGIONAL PLANNING DATA

Southwestern 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
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
State Total		11,555	6,876	28,142	46,573
% 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

Southwestern 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
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
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		6.3%	8.8%	0.0%	0.0%	7.8%	19.8%	2.3%	0.0%	6.3%

Southwestern 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
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
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		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.

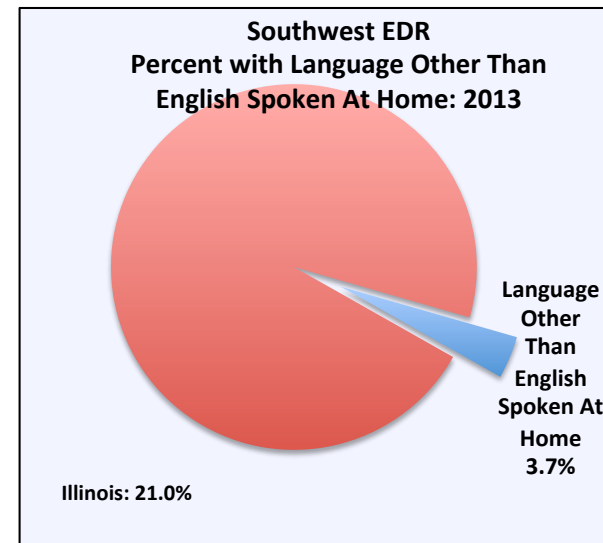
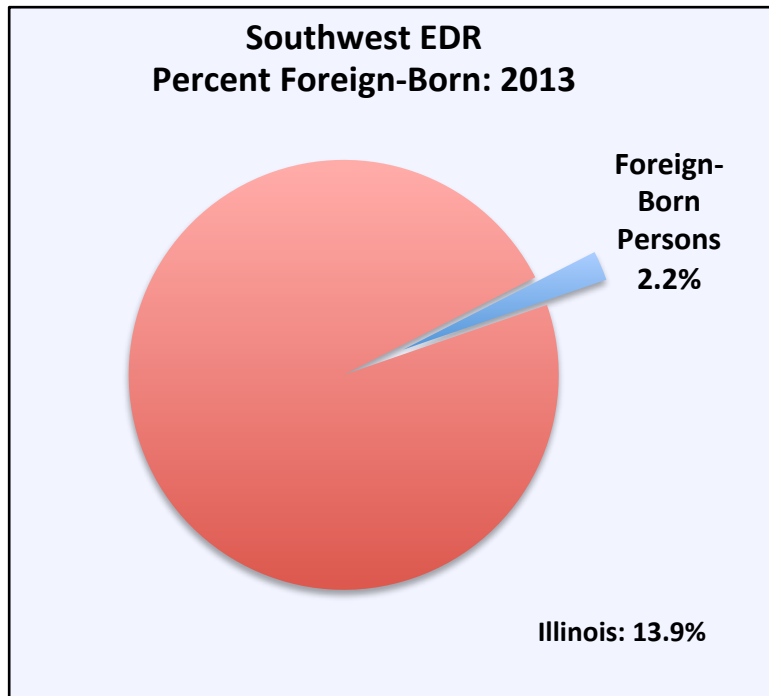
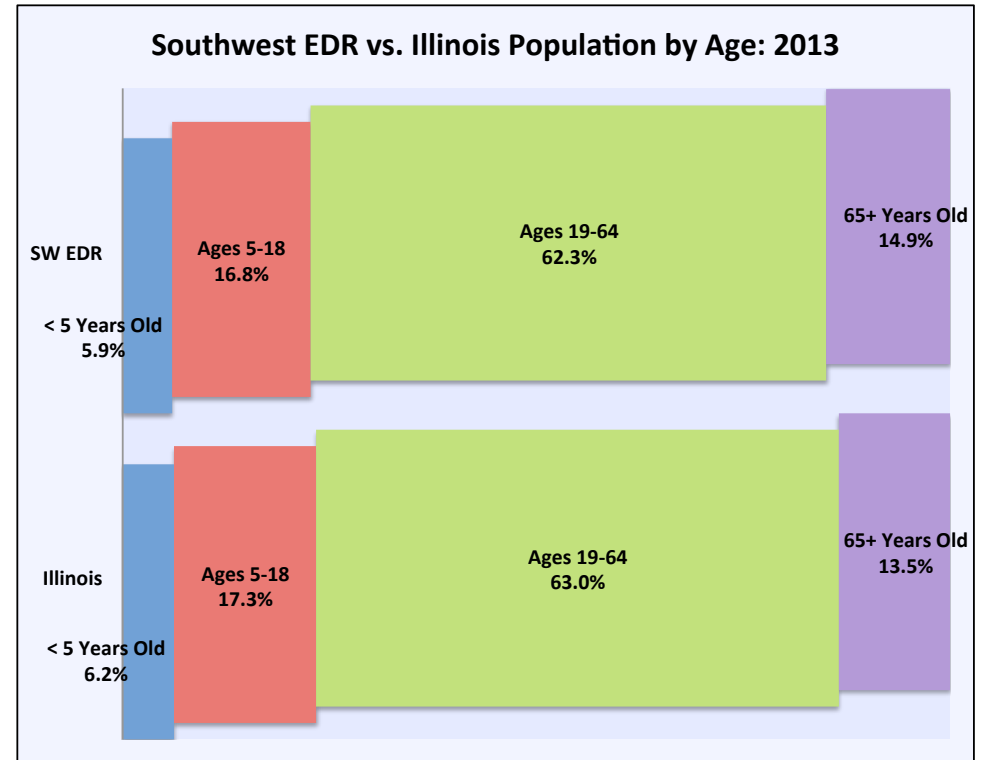
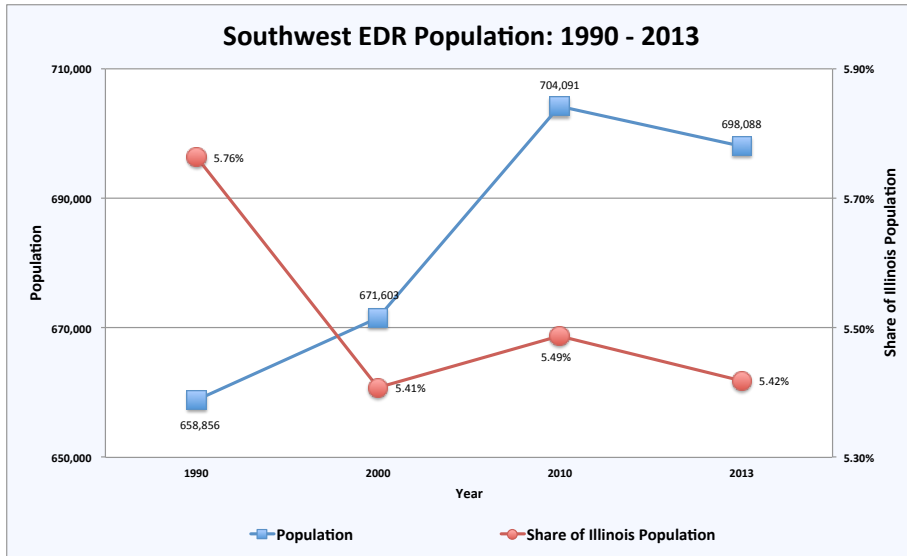
ATTACHMENT O – REGIONAL PLANNING DATA

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
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		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%

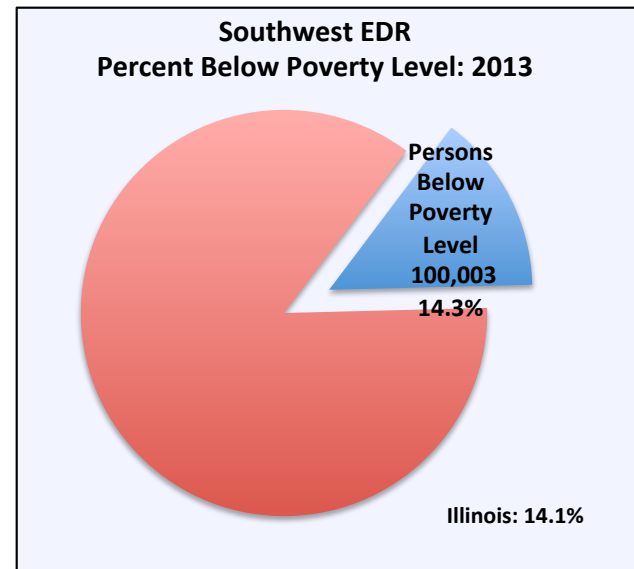
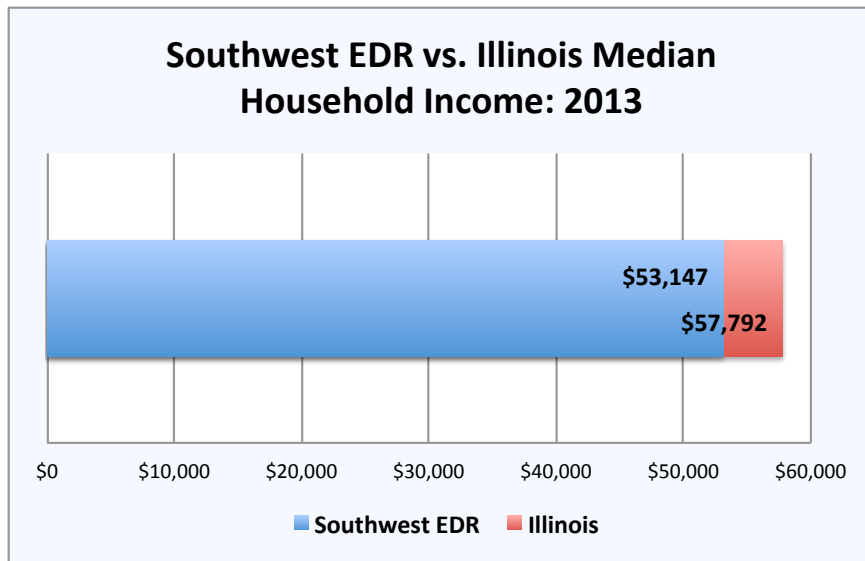
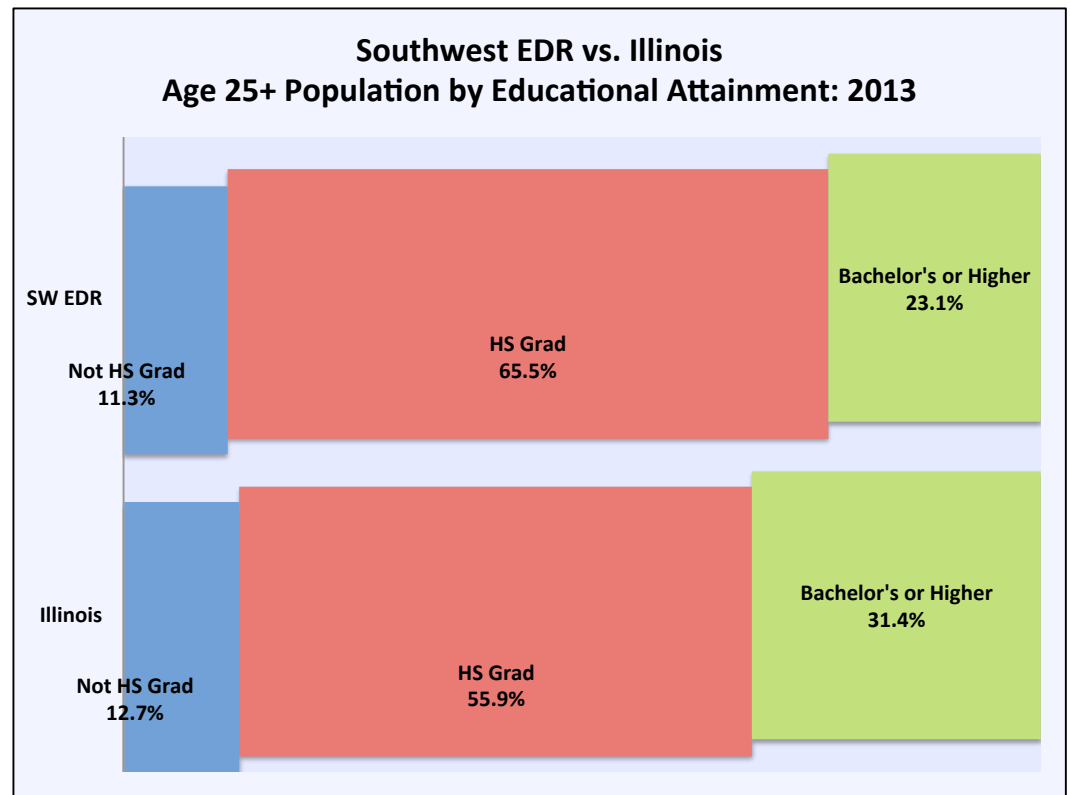
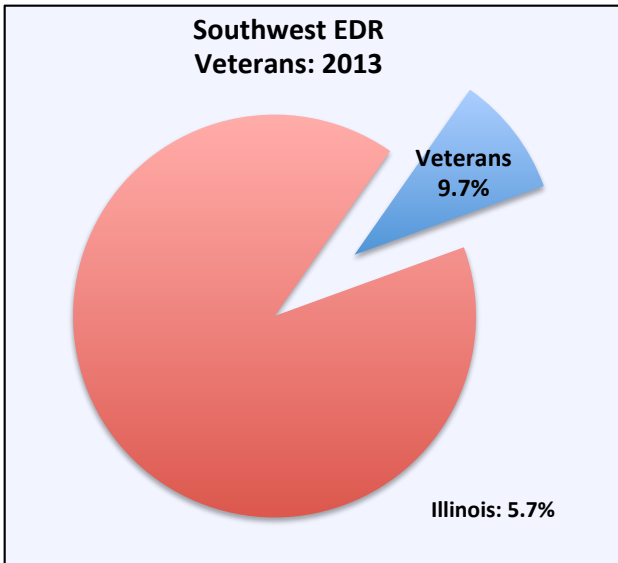
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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

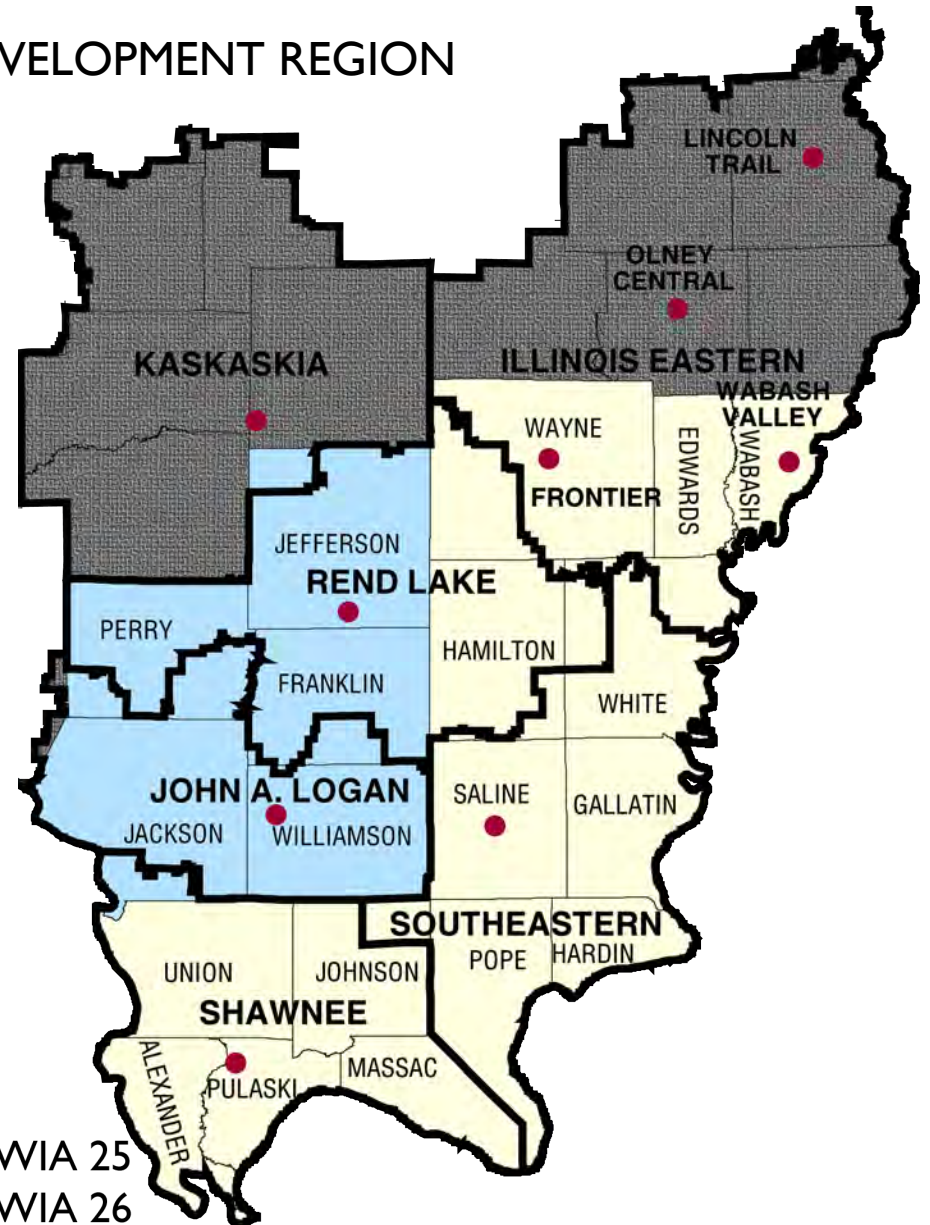
SOUTHERN ECONOMIC DEVELOPMENT REGION

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%
Total Population	382,054	

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



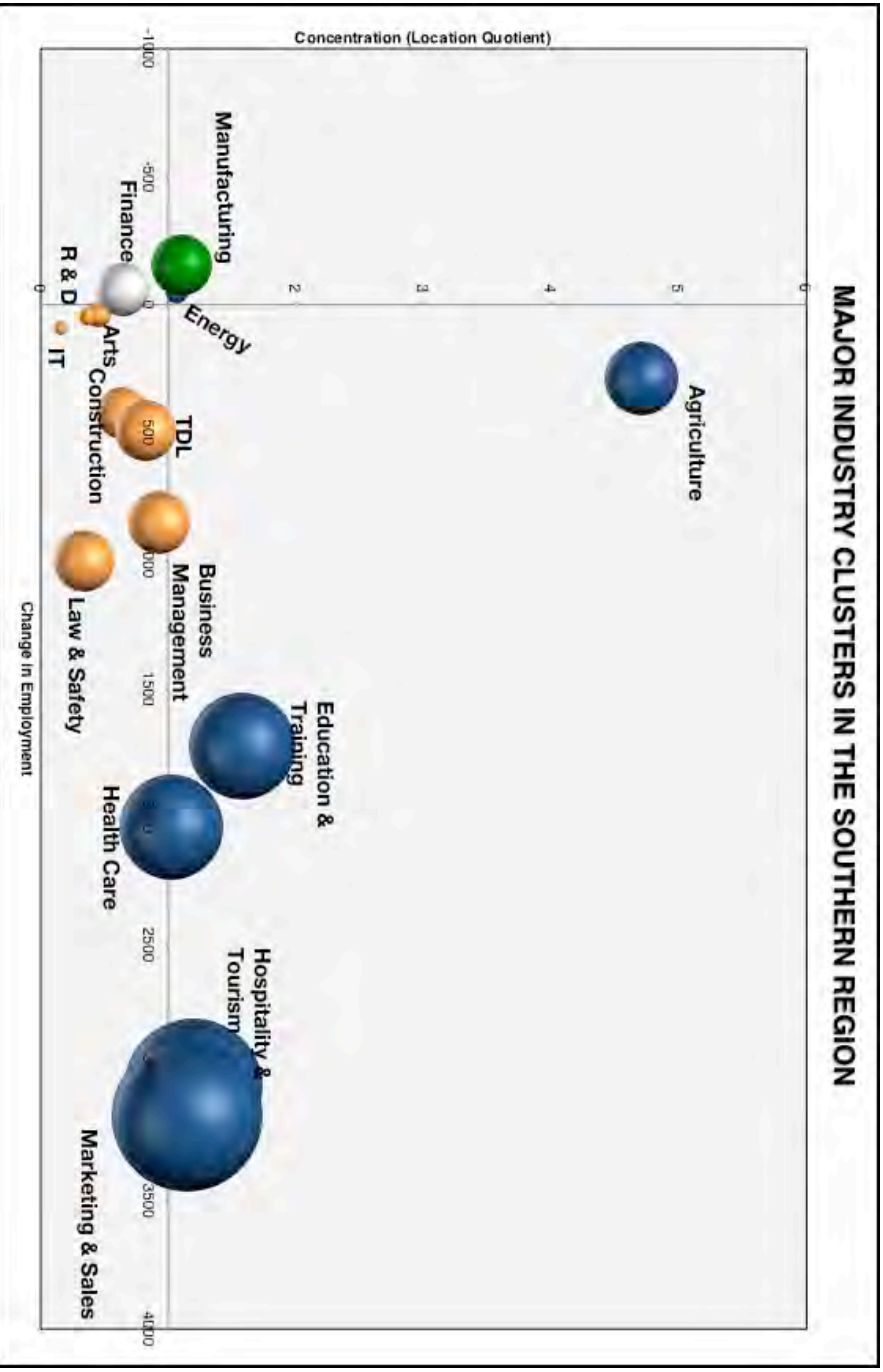
- LWIA 25
- LWIA 26
- COMMUNITY COLLEGE
- DISTRICT BOUNDARIES & LOCATIONS

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

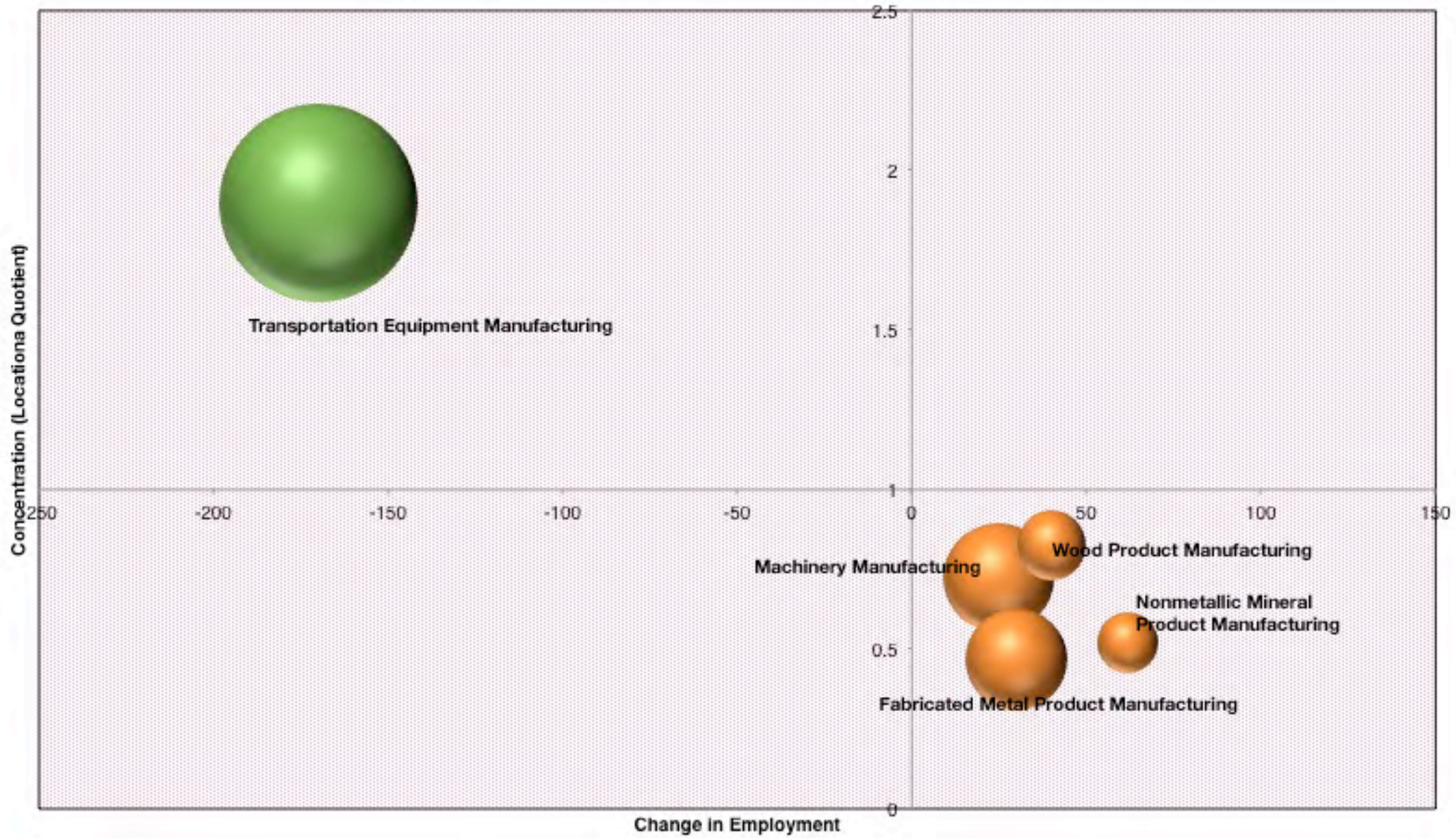
MAJOR INDUSTRY CLUSTERS IN THE SOUTHERN REGION



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%	-	
321	Wood Product Manufacturing	326	366	40	12.3%	0.82	Emerging
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	
327	Nonmetallic Mineral Product Manufacturing	221	283	62	28.1%	0.52	Emerging
331	Primary Metal Manufacturing	446	440	(6)	-1.3%	0.96	
332	Fabricated Metal Product Manufacturing	766	796	30	3.9%	0.47	Emerging
333	Machinery Manufacturing	923	948	25	2.7%	0.72	Emerging
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	
336	Transportation Equipment Manufacturing	3,306	3,136	(170)	-5.1%	1.90	Maturing
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 O - REGIONAL PLANNING 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

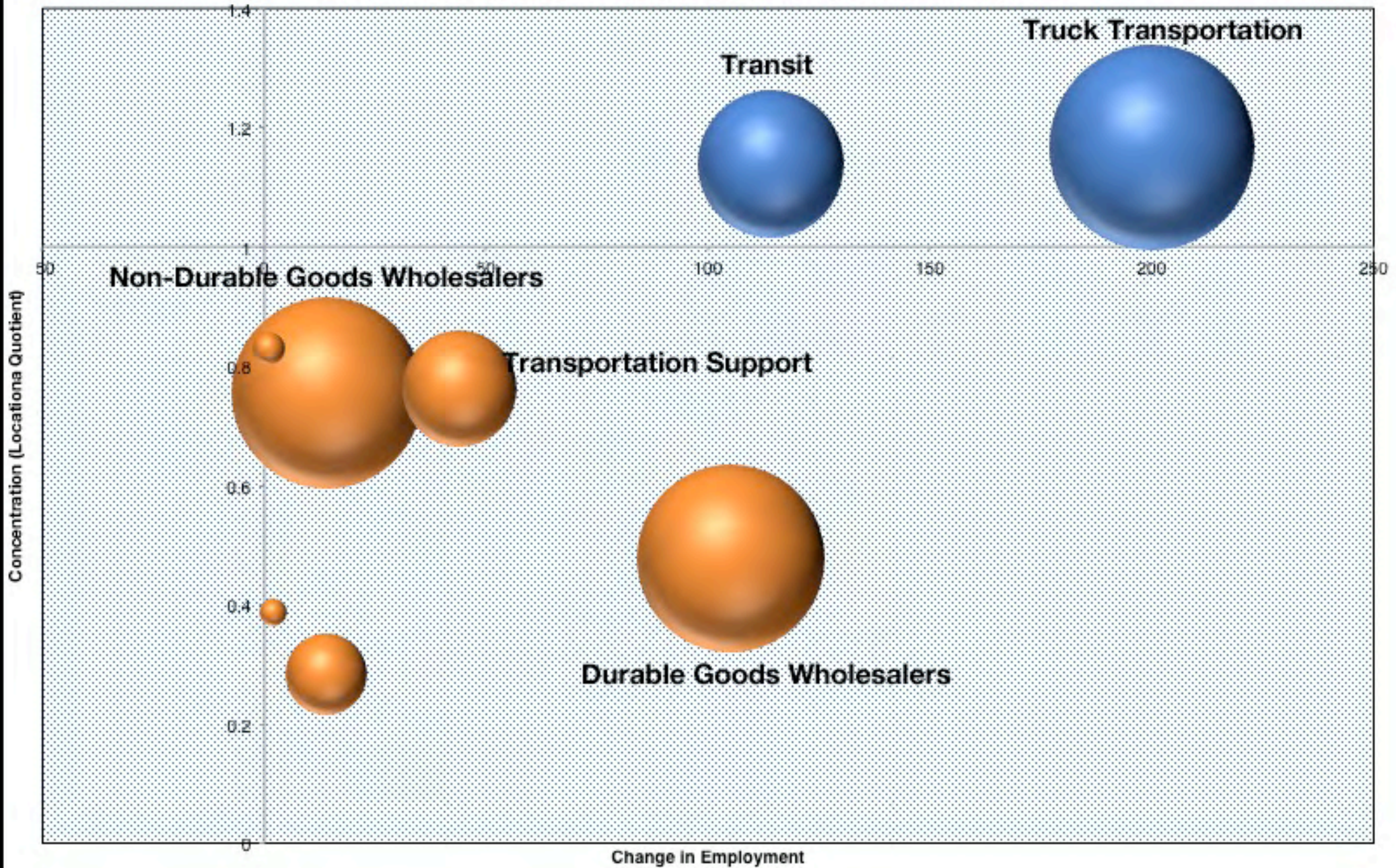
MANUFACTURING
ATTACHMENT O - REGIONAL PLANNING DATA
 INDUSTRIES FOR PARTICULAR OCCUPATIONS IN THE SOUTH REGION

Pathway	SOC Code	SOC Title	Average Annual Job	Number of Occupation	ESSE Percent of	ESSE Percent of	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				
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				
				1	3.3	9.9				
2	5.6	11.6								
Production	51-4041	Machinists**	14	5	35.1	10.2	\$32,452	High school diploma or equivalent	None	Long-term on-the-job training
				2	16.6	7				
				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				
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 O - REGIONAL PLANNING 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

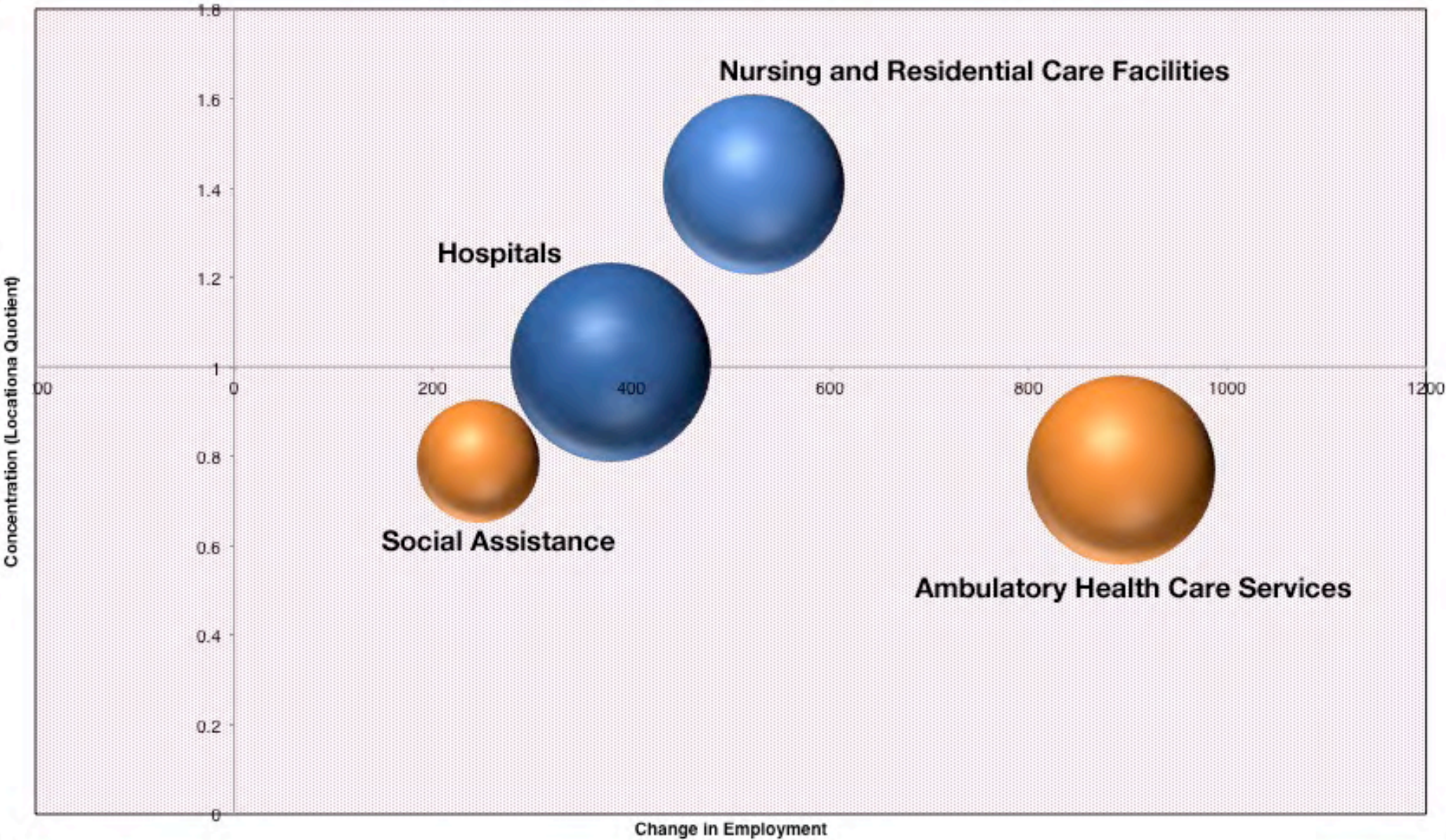
ATTACHMENT O - REGIONAL PLANNING DATA

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
				3	63.6	8.4				
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
				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**	6	1	10.6	1	\$42,903	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	0.9	\$43,771	High school diploma or equivalent	1 to 5 years	None
				1	9.9	0.9				
				1	9.6	3.6				
				1	13.7	3.2				
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	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
				4	7.9	7.3				
				24	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	19	2	8.4	2.5	\$25,238	High school diploma or equivalent	None	Short-term on-the-job training
				1	7.6	3.2				
				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	SOCTitle	Average Annual Job Openings	2022 Percent of Employment that is in this Occupation		
						Annual Occupation Openings in 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	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	21-1014	Mental Health Counselors**	6	2	30.4	0.6
622	Hospitals					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					4	40.7	5.1
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	7	2	25.3	1.3
621	Ambulatory Health Care Services					7	56.3	1.8
622	Hospitals	Therapeutic Services	29-1123	Physical Therapists	13	3	25	1
623	Nursing and Residential Care Facilities					1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	7	2	28.4	0.5
622	Hospitals					1	13.6	0.3
621	Ambulatory Health Care Services					18	20.1	7.4
622	Hospitals	Therapeutic Services	29-1141	Registered Nurses	88	52	59.2	28.9
623	Nursing and Residential Care Facilities					6	7	5.8
624	Social Assistance					1	0.9	0.8
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	6	3	44.3	1.1
622	Hospitals					2	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	10	55	1.8
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	7	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	9.4
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
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	16	30	53.9	24.4
622	Hospitals					1	1.9	1
621	Ambulatory Health Care Services	Health Informatics	31-9099	Healthcare Support Workers, All Other	9	13	79.7	6.6
622	Hospitals					2	12.4	1.4
623	Nursing and Residential Care Facilities	Health Informatics	35-1012	1st-Line Svcs/Mgns, Food Prep/Serv **	30	2	22.5	0.3
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	8	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	43-3011	Receptionists & Information Clerks **	24	1	2.7	0.7
622	Hospitals					1	11.8	0.6
623	Nursing and Residential Care Facilities					10	40.6	5.3
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	24	1	3.7	0.6
622	Hospitals					1	3.7	0.6
623	Nursing and Residential Care Facilities					1	2.9	0.8

HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE SOUTHERN REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	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
				Annual Occupation Openings in Industry	Occupation					
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
				3	30	1.3				
				4	36.4	2.1				
Health Informatics	11-9111	Medical & Health Services Managers	11	1	10.8	1.1	\$68,448	Bachelor's degree	None	None
				2	30.4	0.6				
				1	10	0.3				
Support Services	21-1014	Mental Health Counselors**	6	1	17.6	0.7	\$34,506	Master's degree	None	Internship/residency
				1	20.1	0.9				
				1	8	0.4				
Support Services	21-1093	Social & Human Services Assistants**	11	2	17.1	2	\$24,871	High school diploma or equivalent	None	Short-term on-the-job training
				4	40.7	5.1				
				2	25.3	1.3				
Therapeutic Services	29-1051	Pharmacists	7	2	56.3	1.8	\$123,425	Doctoral or professional degree	None	None
				7	25	1				
				3	6.7	0.5				
Therapeutic Services	29-1123	Physical Therapists	13	1	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				
				10	55	1.8				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	18	3	15.2	0.7	\$26,283	Postsecondary non-degree award	None	None
				7	16.2	1				
				8	28.9	3				
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
				4	16.3	2.3				
				11	39.1	9.1				
Therapeutic Services	29-2061	Licensed Practical Nurses	27	3	35.4	0.9	\$34,793	Postsecondary non-degree award	None	None
				3	37.6	1.3				
				1	8.9	0.5				
Health Informatics	29-2071	Med Records & Health Info Technicians	9	5	9	1.8	\$33,504	Postsecondary non-degree award	None	None
				13	24.4	6.6				
				30	53.9	24.4				
Therapeutic Services	31-1014	Nursing Assistants	55	1	1.9	1	\$22,078	Postsecondary non-degree award	None	None
				13	79.7	6.6				
				2	12.4	1.4				
Health Informatics	31-9092	Medical Assistants	16	2	22.5	0.3	\$26,231	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	33.9	0.6				
				1	8.5	0.3				
Health Informatics	31-9099	Healthcare Support Workers, All Other	9	1	2.7	0.7	\$39,008	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.7	0.7				
				1	11.8	0.6				
Health Informatics	43-3011	Bill and Account Collectors**	8	10	40.6	5.3	\$39,429	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.7	0.6				
				1	2.9	0.8				
Health Informatics	43-4171	Receptionists & Information Clerks **	24	1	11.8	0.6	\$23,615	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.7	0.6				
				1	2.9	0.8				

ATTACHMENT O - REGIONAL PLANNING 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
15-1131	Computer Programmers	5	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
			5112	Software publishers	0	5.4
15-1132	Software Developers, Applications	5	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
			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
15-1142	Network & Computer Sys. Administrators	5	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	1	18.8
			5416	Management, scientific, and technical consulting services	0	3.5
15-1151	Computer User Support Specialists	6	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

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			
		IL Eastern CC-Wabash Valley	9	< 1 Yr Cert	IL Eastern CC-Wabash Valley
		Rend Lake College	13	< 1 Yr Cert	Rend Lake College
Bus Drivers, Transit & Intercity	Community Colleges	Shawnee CC	17	< 1 Yr Cert	Shawnee CC
		Southeastern IL College			
School Bus Drivers					

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	42	Associate	Rend Lake CC	
		John A. Logan College	64	Associate	Shawnee CC	
		Rend Lake CC	29	Associate	Southwestern IL College	
		Shawnee CC	5	Associate		
		Southwestern IL College	108	Associate		
		Other Colleges	27	Masters		
		Mckendree University				
		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	147			< 1 Yr Cert	Southwestern IL College	
John A. Logan College	260			< 1 Yr Cert		
Rend Lake CC	72			< 1 Yr Cert		
Shawnee CC						
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	Southwestern IL College	
		Community Colleges	53	1-2 Yr Cert		
		Rend Lake CC	31	1-2 Yr Cert		
		Shawnee CC	30	1-2 Yr Cert		
		Southwestern IL College				
Receptionists & Information Clerks **	52.0406	Receptionist				
			No Programs in this EDR			
Emergency Medical Techs & Paramedics	51.0904	EMT Tech/EMT Paramedic				
		Community Colleges	1	Associate		
		John A. Logan College	6	1-2 Yr Cert		
		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 O - REGIONAL PLANNING DATA

Southern 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
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
State Total		11,555	6,876	28,142	46,573
% 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

Southern 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
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
State Total		11,569	6,952	642	13	217	131	3,706	9	23,239
% of State Total		5.2%	5.6%	53.3%	23.1%	4.1%	9.9%	8.6%	0.0%	7.2%

ATTACHMENT O - REGIONAL PLANNING DATA

Southern 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
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
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		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.

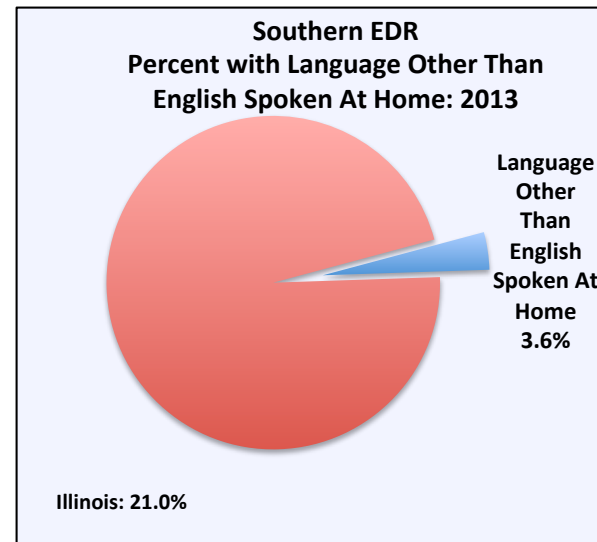
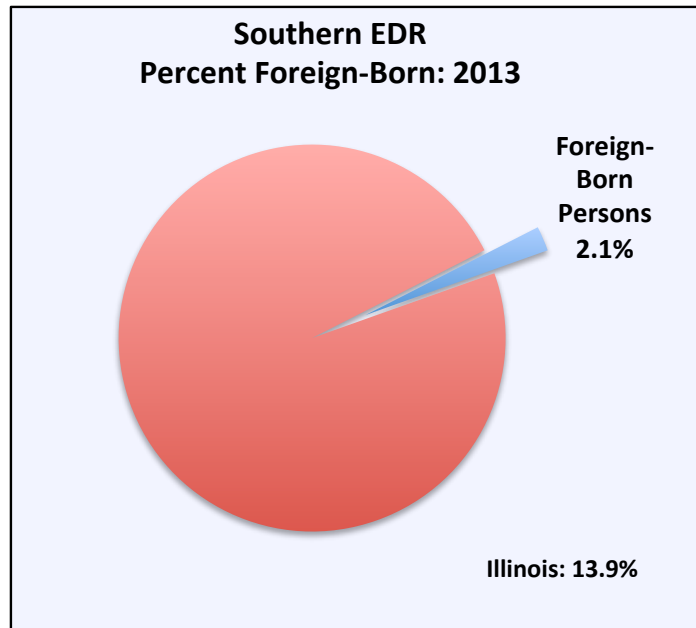
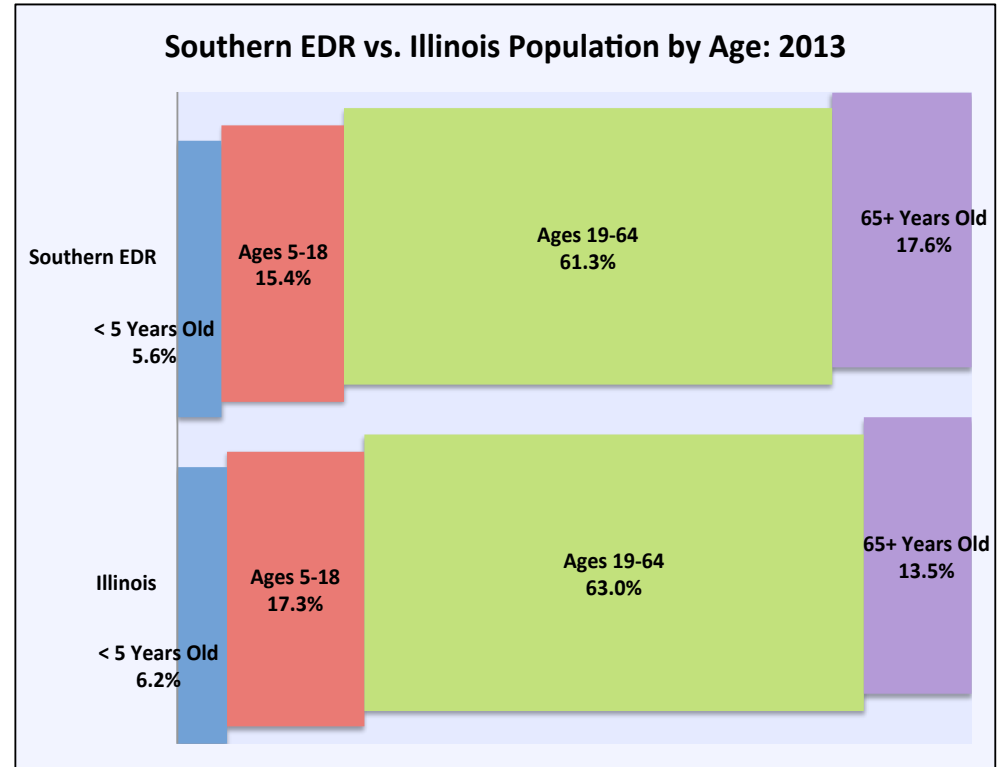
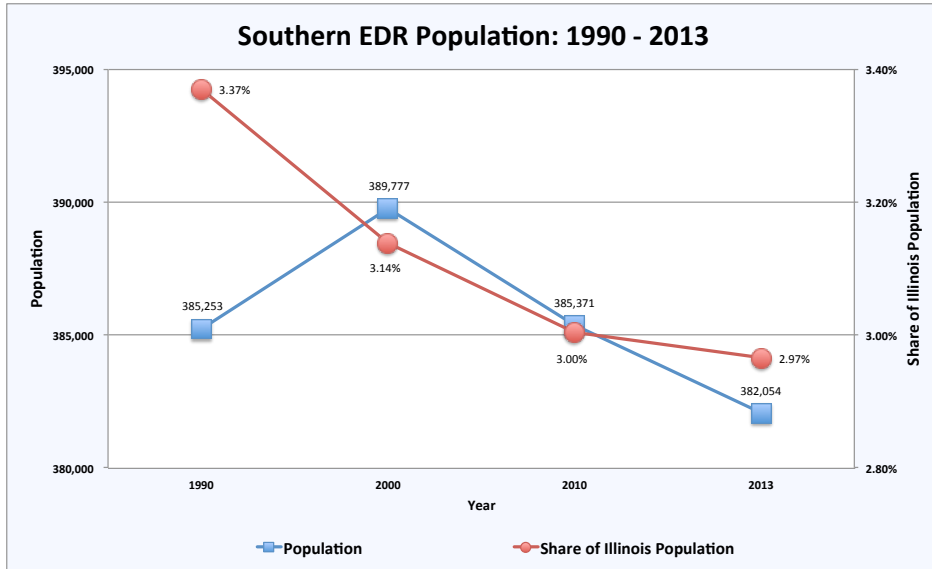
** Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

ATTACHMENT O - REGIONAL PLANNING 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
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		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%

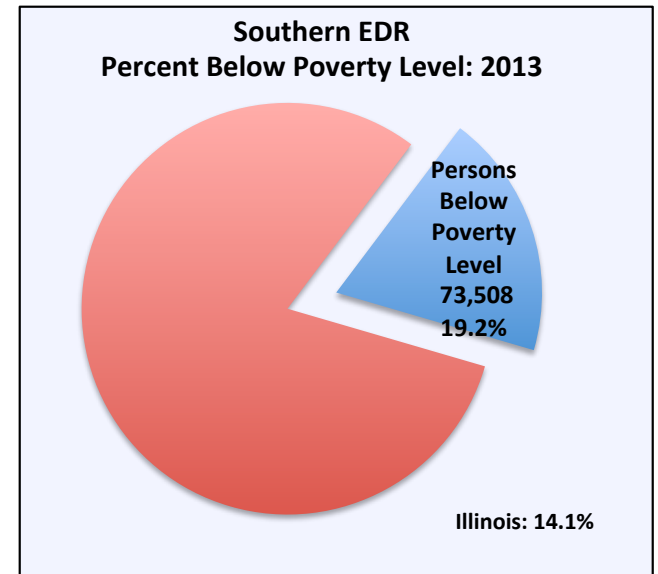
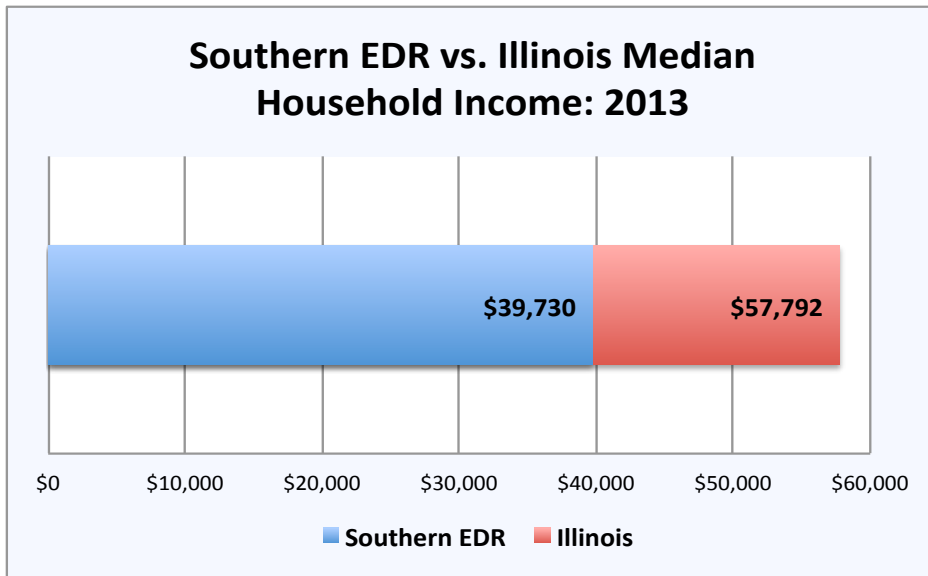
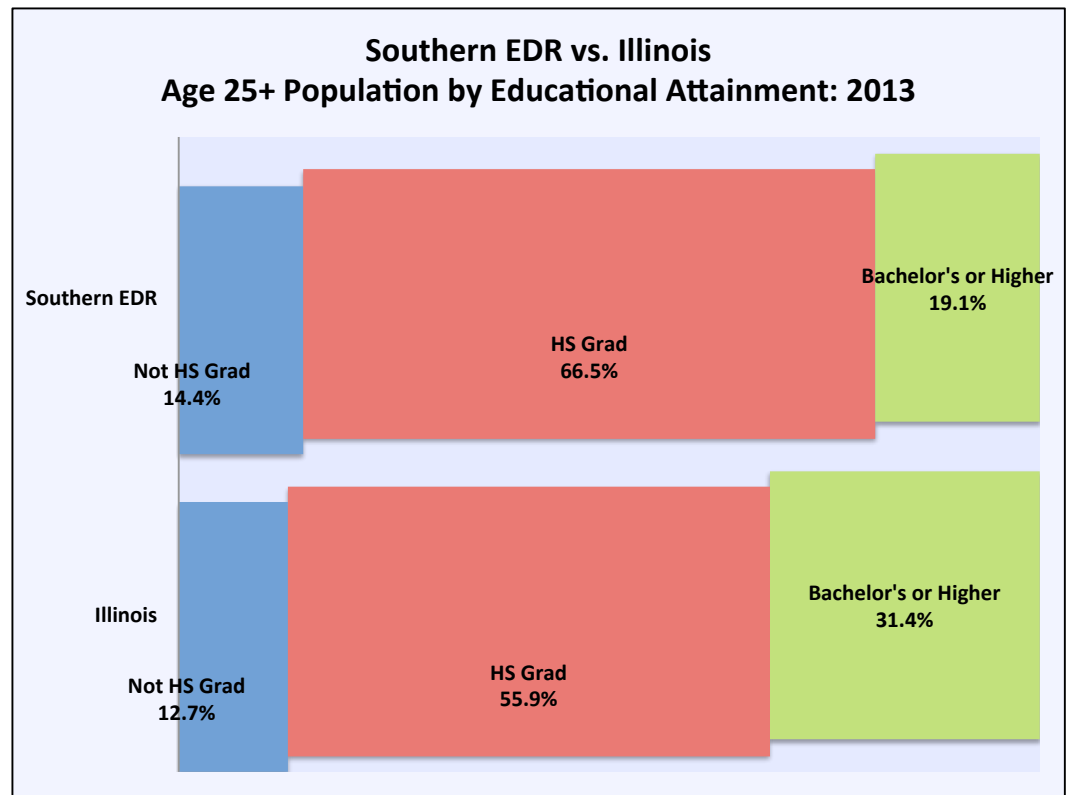
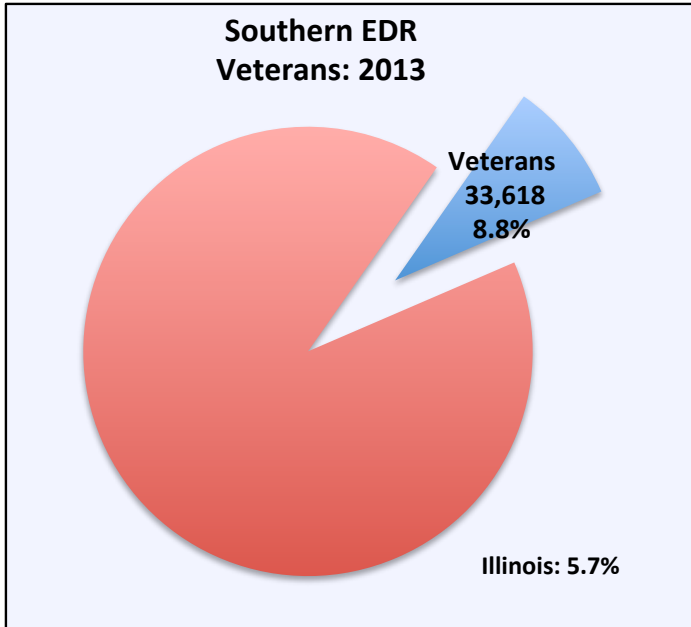
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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

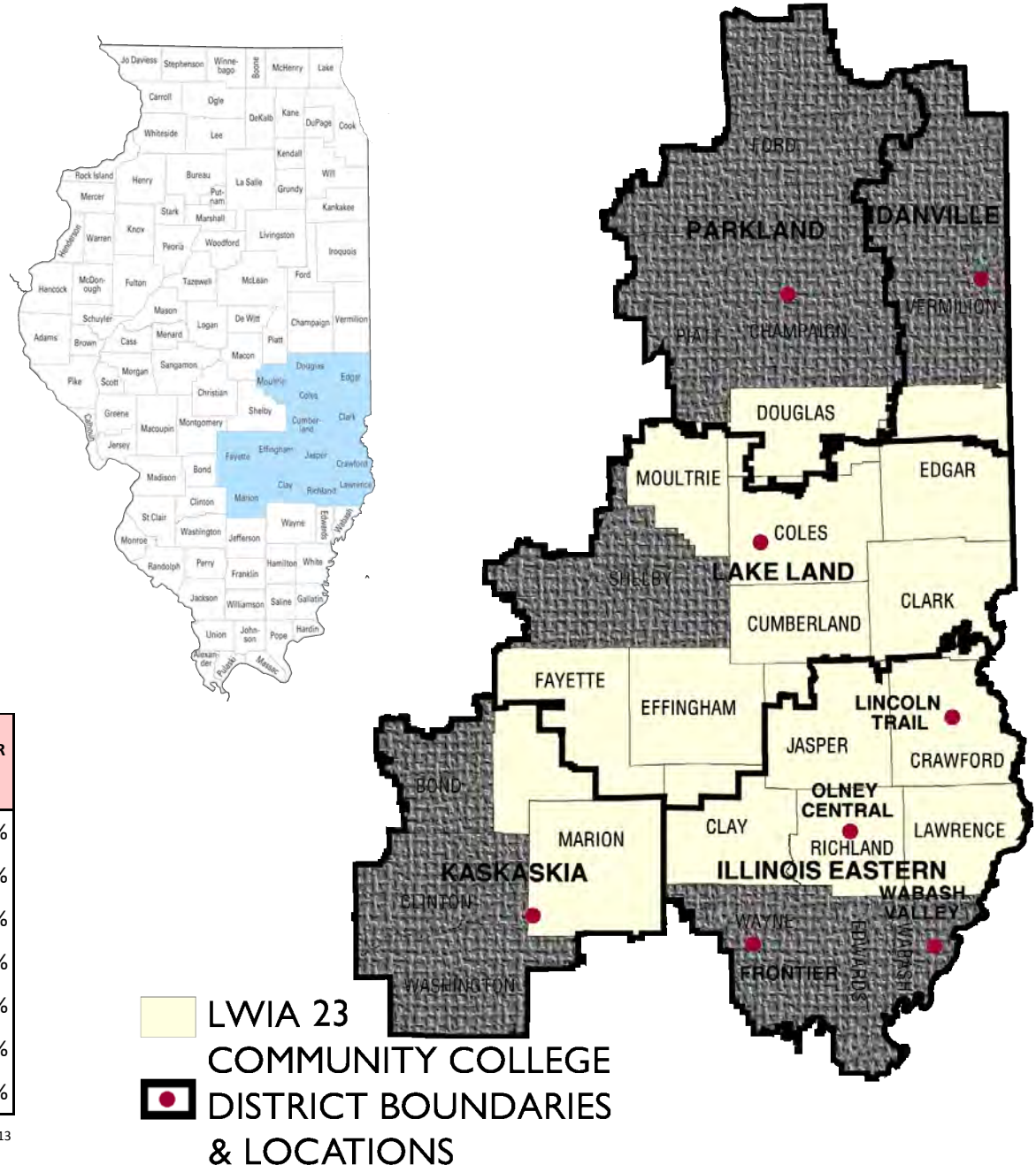
SOUTHEAST ECONOMIC DEVELOPMENT REGION

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

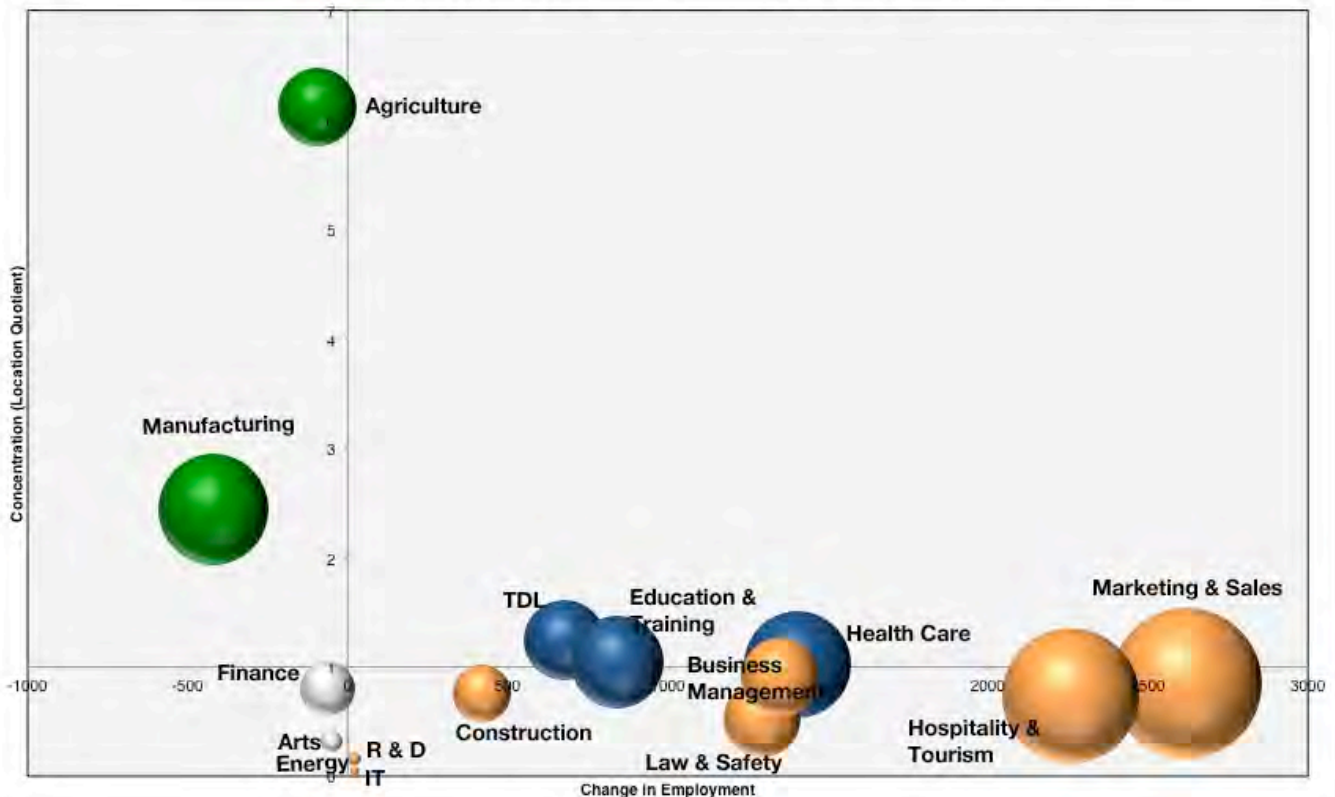


SOUTHEAST REGION

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
Reserarch & Development	225	244	19	8.4%	0.16
Information Technology	94	118	24	25.5%	0.05

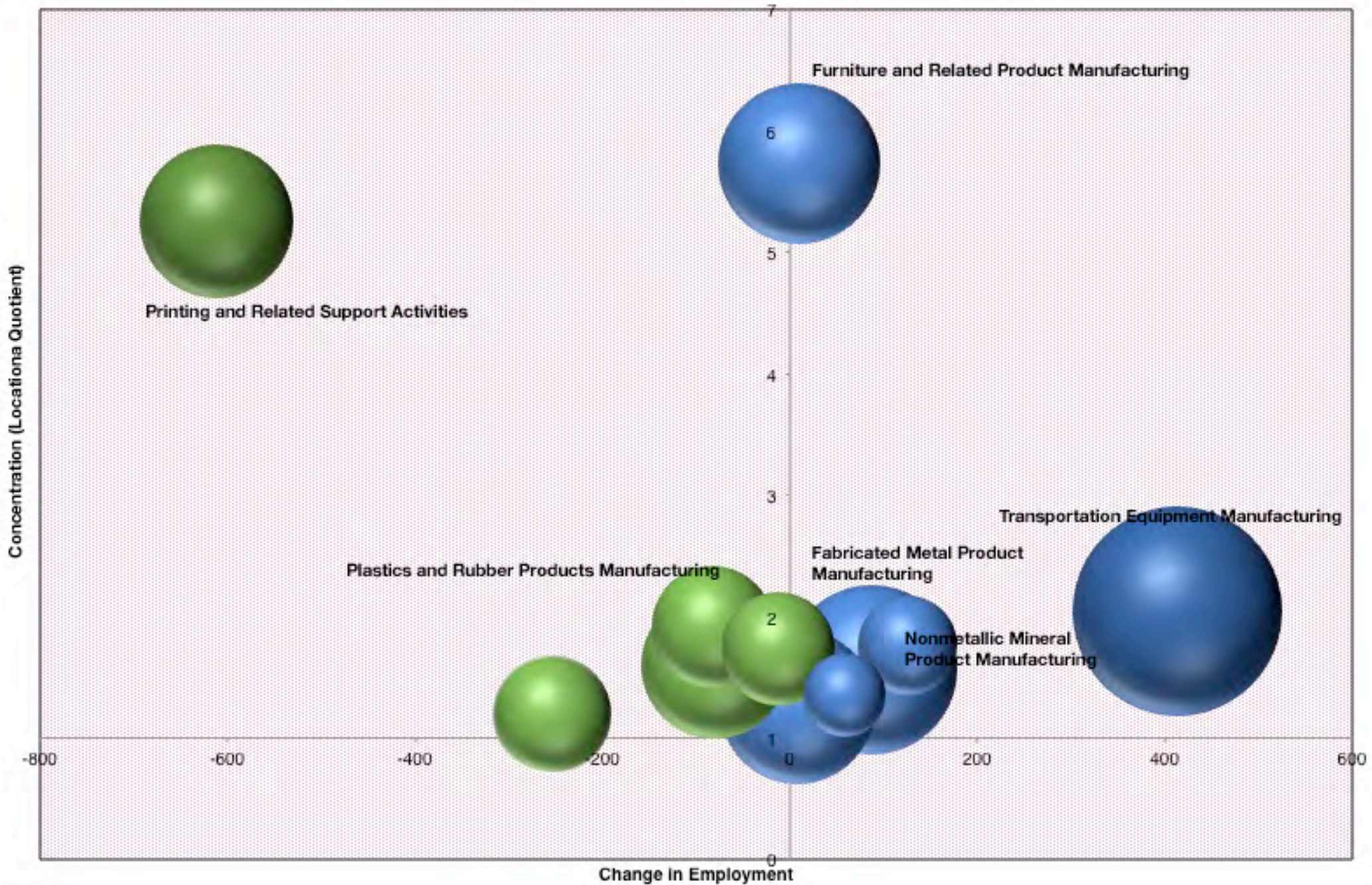
MAJOR INDUSTRY CLUSTERS IN THE SOUTHEAST REGION



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

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE SOUTHEASTERN REGION



MANUFACTURING ATTACHMENT O – REGIONAL PLANNING 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/Scntific**	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					1	7.2	2.9
311	Food Manufacturing	Production	51-2092	Team Assemblers	64	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**
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	2	10	3.4				
311	Food Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	12	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	Production	51-9199	Production Workers, All Other	18	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 SOUTH-EAST REGION

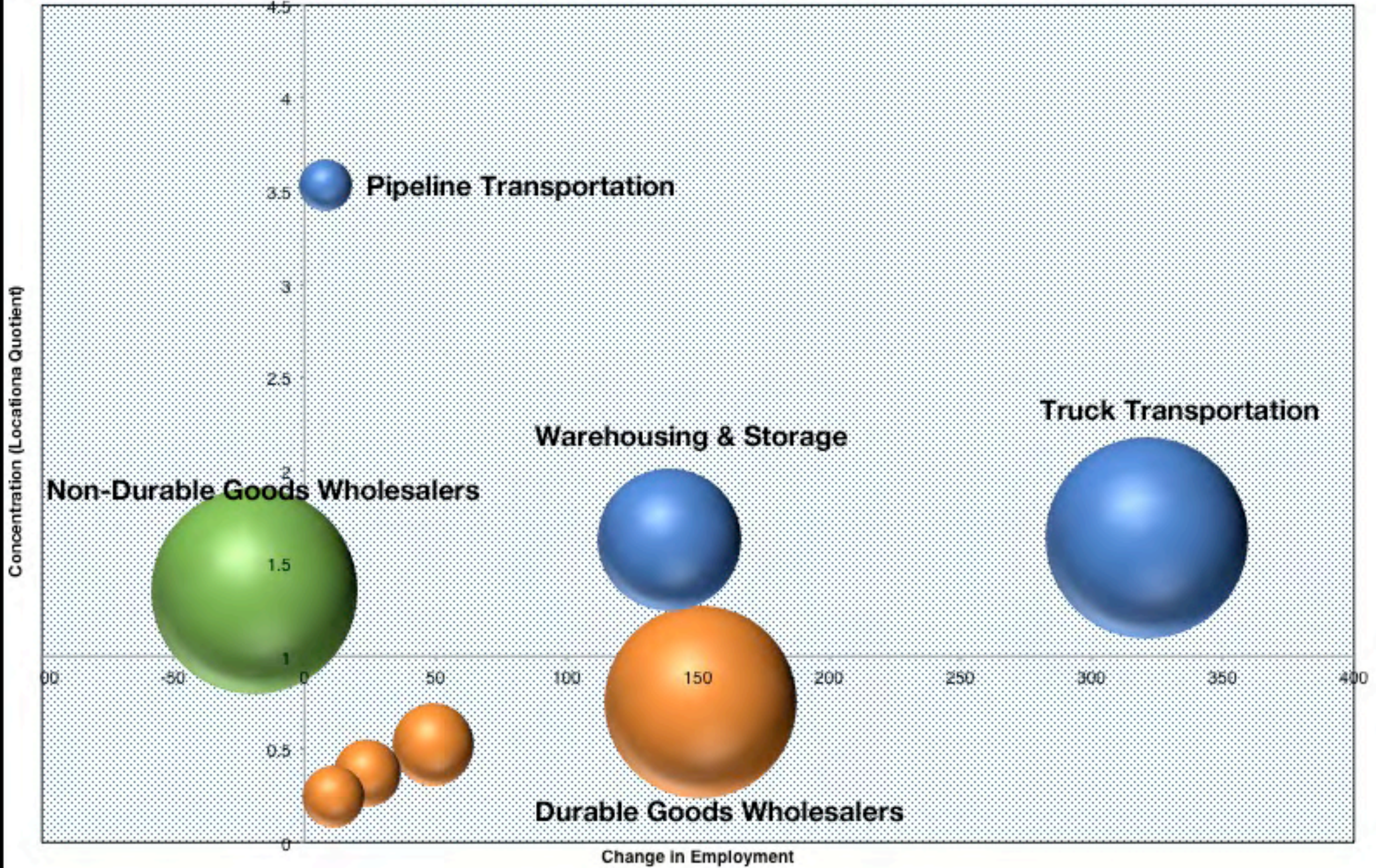
ATTACHMENT O – REGIONAL PLANNING DATA

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	2.6	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	3.9	1.8	\$28,449	High school diploma or equivalent	None	Short-term on-the-job training
				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	2.3	2.3	\$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	39.3	4.2	\$36,502	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	18.4	2.9				
				1	5	0.9				
				2	18.2	2				
Production	51-4041	Machinists**	23	8	35.1	10.2	\$34,552	High school diploma or equivalent	None	Long-term on-the-job training
				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				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	16	6	55.5	21.9	\$32,226	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	6.6	2.2				
				1	4.8	3.2				
				1	5.6	4.7				
				1	8.9	2.9				
				1	4.7	2.3				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	12	1	5.4	2.8	\$28,837	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	10	3.4				
				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
				1	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 O - REGIONAL PLANNING 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

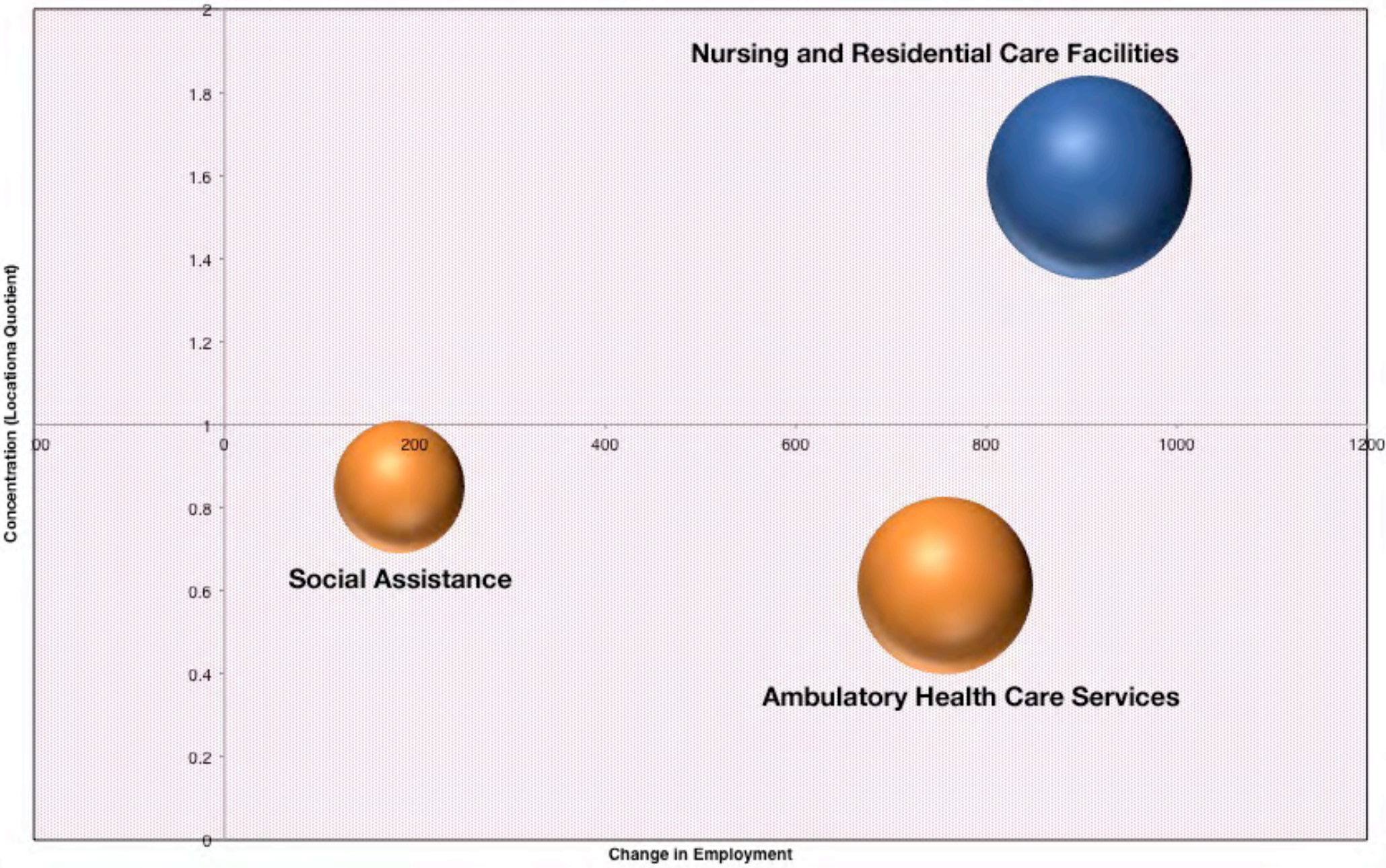
ATTACHMENT O - REGIONAL PLANNING DATA

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
				1	10.6	1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	7	1	18.6	3.5	\$35,838	High school diploma or equivalent	None	Long-term on-the-job training
				1	8.6	0.5				
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	7	1	9.9	0.9	\$50,397	High school diploma or equivalent	1 to 5 years	None
				1	9.6	3.6				
				1	13.7	3.2				
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
				2	3.2	2				
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	64	5	7.9	7.3	\$34,666	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
				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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING DATA

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
SOUTHEAST 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			
School Bus Drivers	Community Colleges	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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING DATA

Southeastern 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
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

Southeastern 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
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 O - REGIONAL PLANNING DATA

Southeastern 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
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.

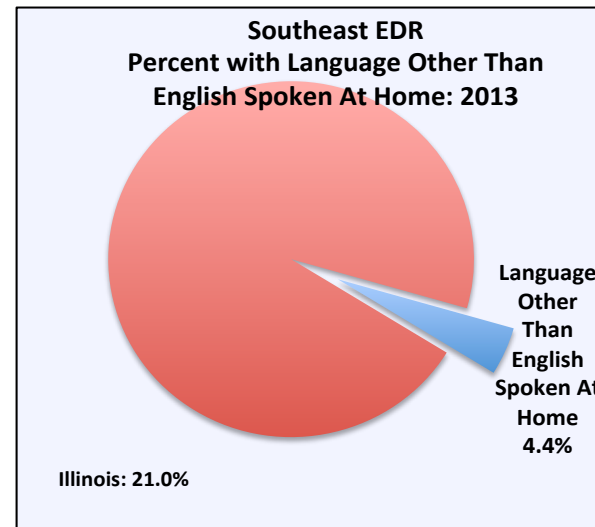
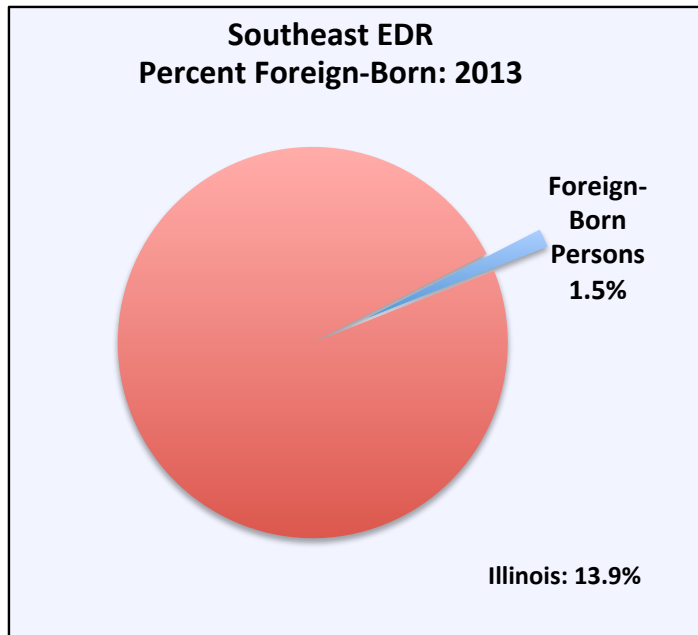
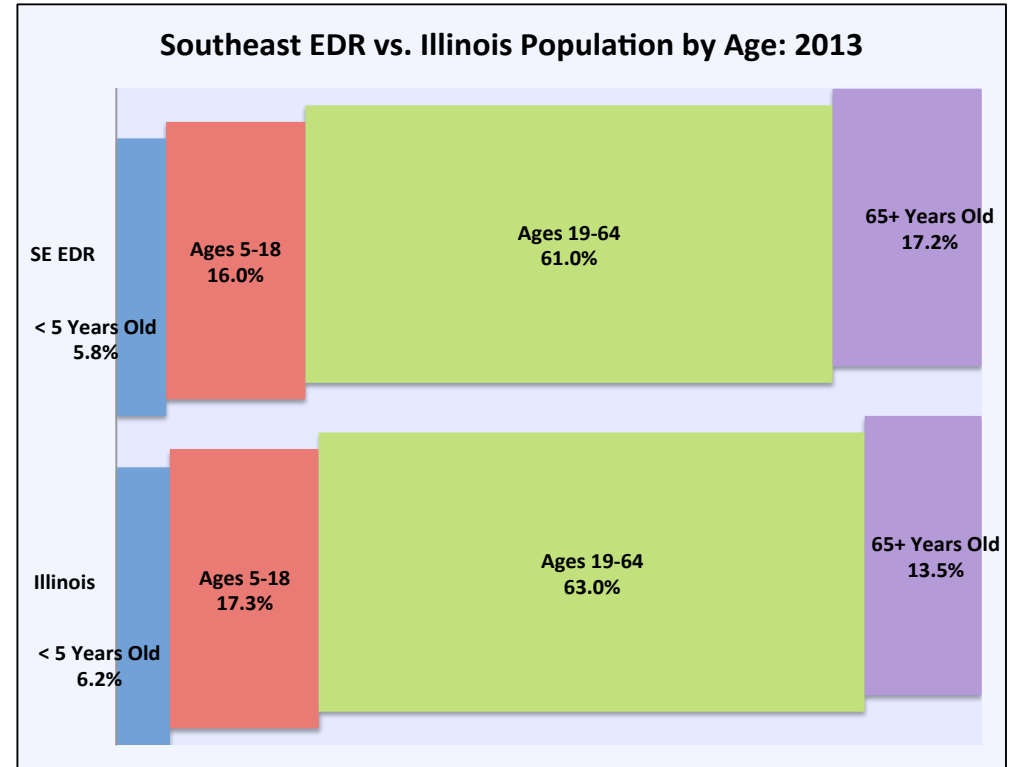
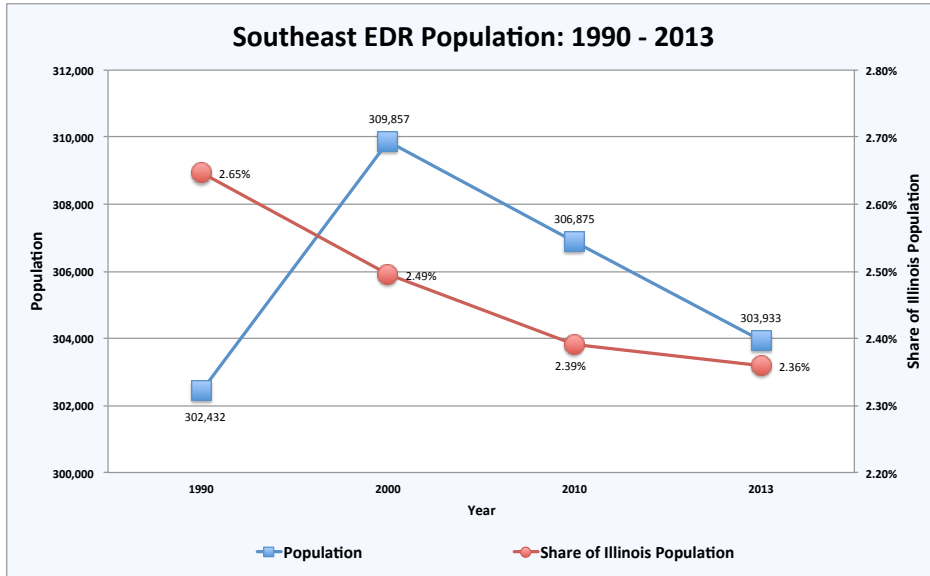
ATTACHMENT O - REGIONAL PLANNING DATA

Southeastern 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	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%

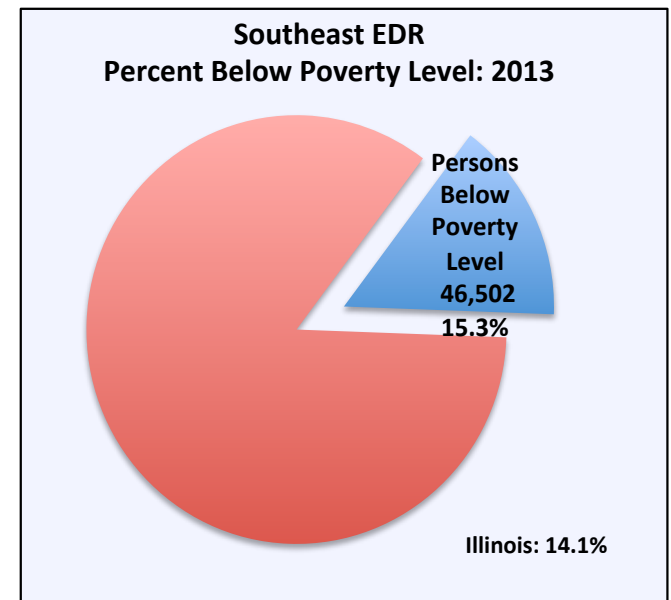
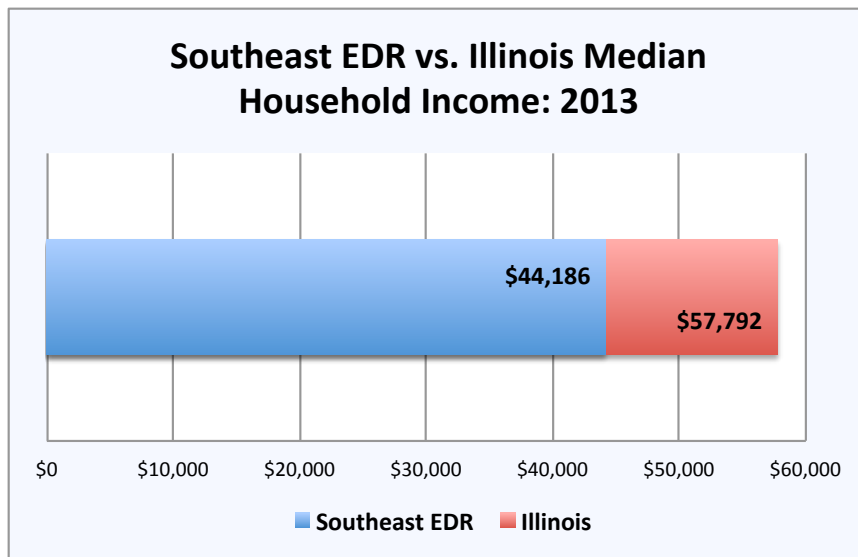
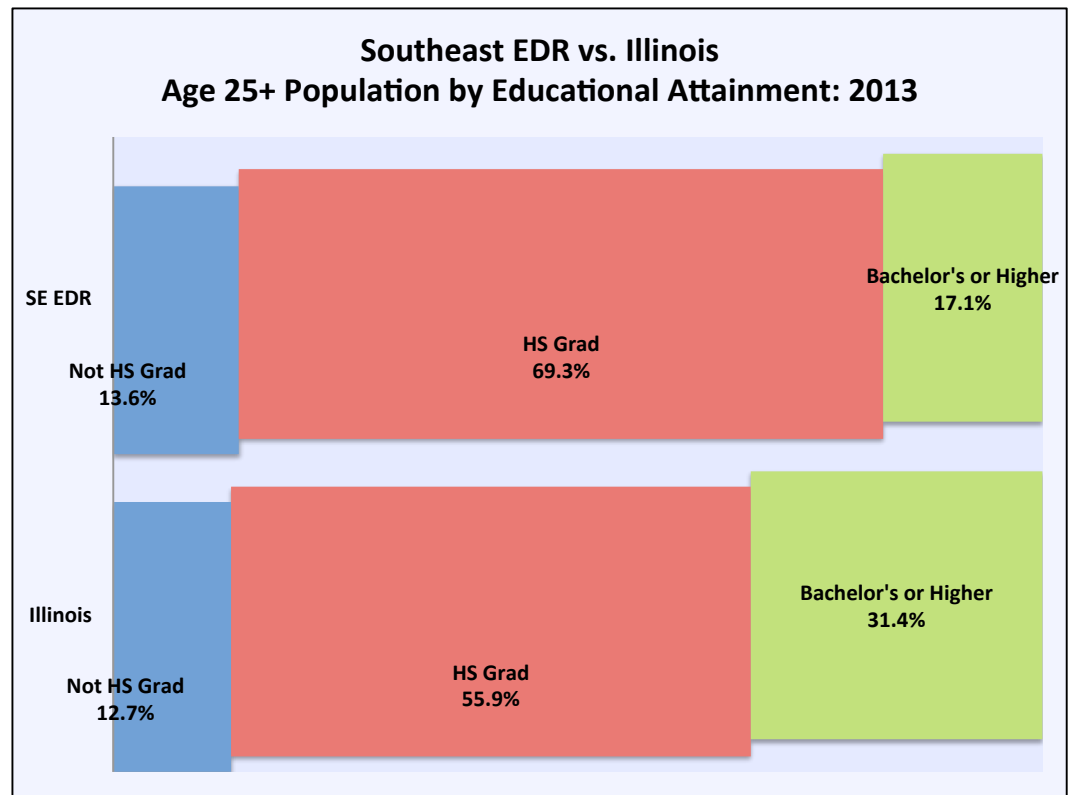
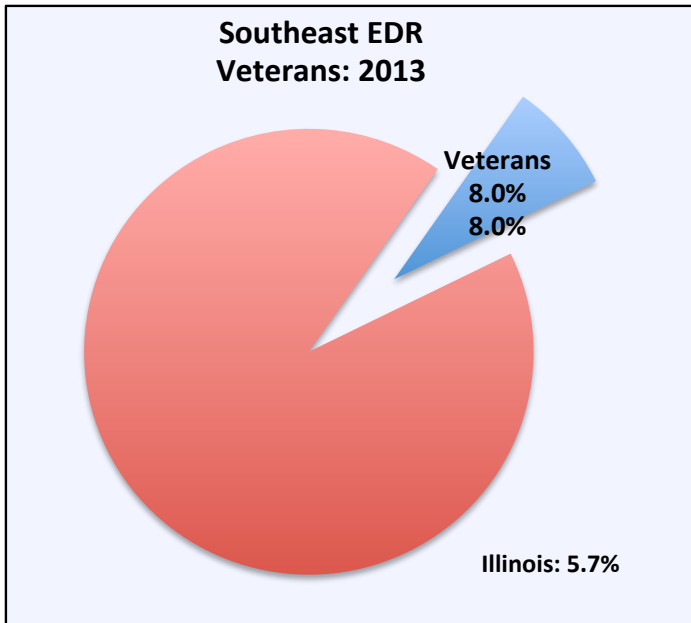
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING DATA



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

SOUTHEAST REGION

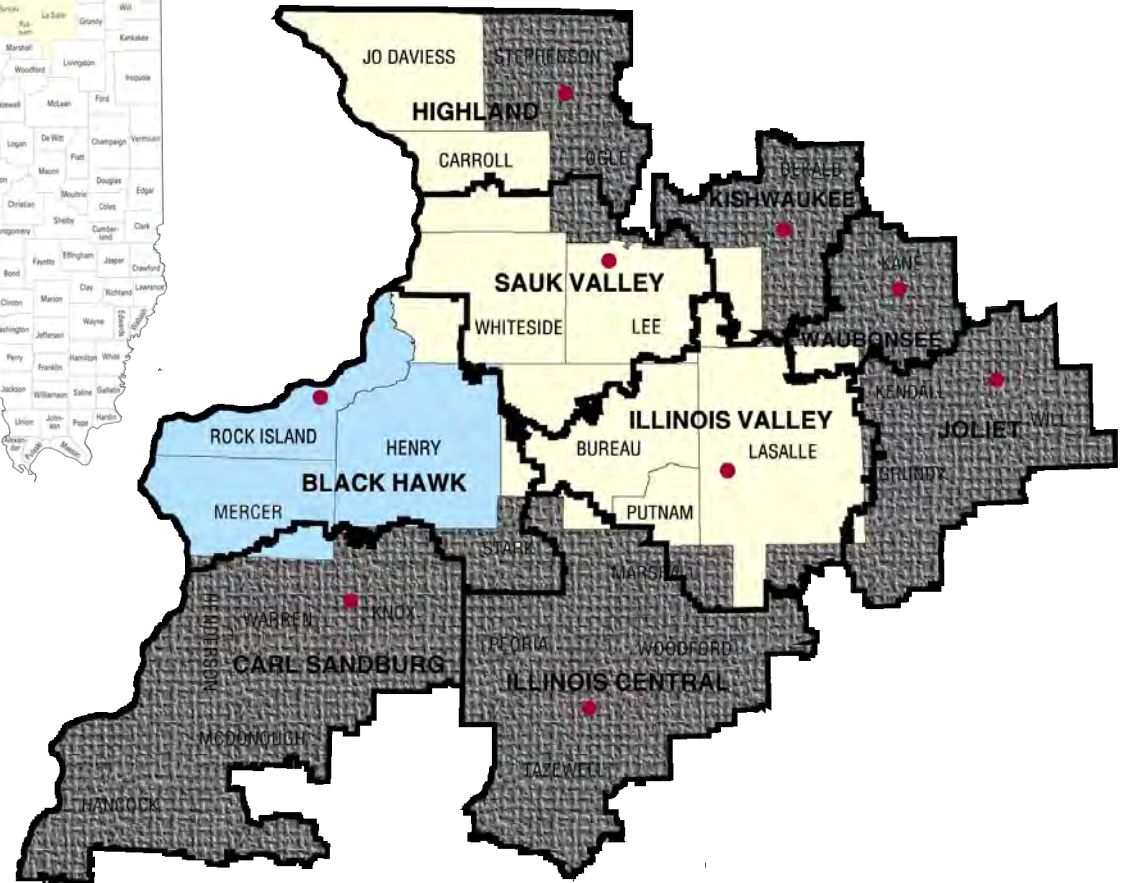
SELECTED TARGET POPULATION CHARACTERISTICS

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

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



- LWIA 4
- LWIA 13
- COMMUNITY COLLEGE
- DISTRICT BOUNDARIES & LOCATIONS

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%

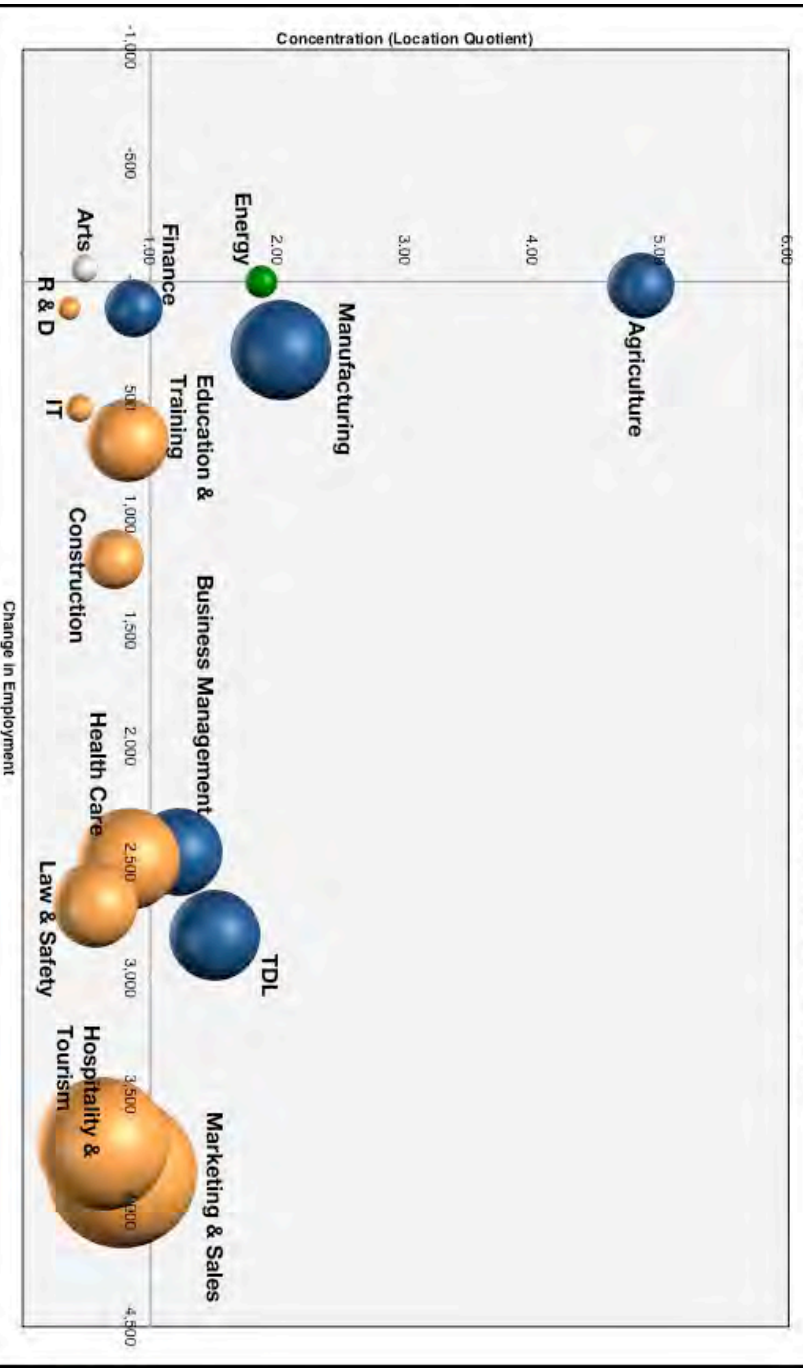
Source: US Census Bureau Annual County Resident Population Estimates for 2013

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

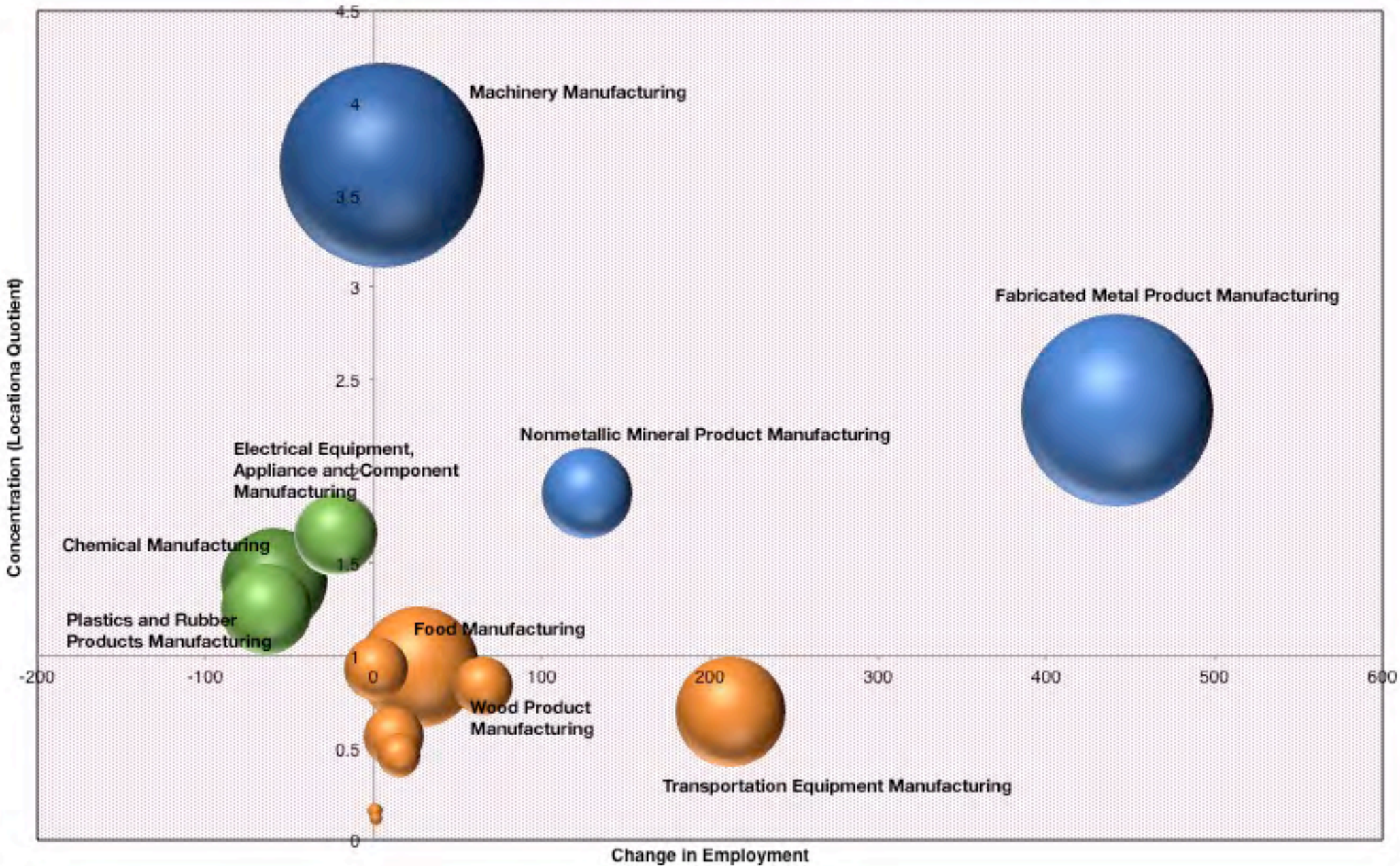
MAJOR INDUSTRY CLUSTERS IN THE NORTHWEST REGION



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

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHWEST REGION



MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHWEST REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Employment in this Industry		
						Annual Occupation Openings in Industry	that is 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
333	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	17-2112	Industrial Engineers**	12	1	5.6	0.9
334	Computer and Electronic Product Manufacturing					1	6.9	1.6
336	Transportation Equipment Manufacturing					1	12.2	3
332	Fabricated Metal Product Manufacturing					2	17.6	2.8
333	Machinery Manufacturing	Manufacturing Production Process Development	17-2141	Mechanical Engineers**	17	1	6.2	1.1
334	Computer and Electronic Product Manufacturing					2	12.3	3.3
336	Transportation Equipment Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Mfg. Tech./SciProds**	23	1	6.3	1.8
334	Computer and Electronic Product Manufacturing					2	11.9	2.2
311	Food Manufacturing					1	3.9	1.7
312	Beverage and Tobacco Product Manufacturing					1	1	1.1
321	Wood Product Manufacturing					1	0.6	5.2
323	Printing and Related Support Activities					1	0.6	2.4
325	Chemical Manufacturing					1	1.2	4.4
326	Plastics and Rubber Products Manufacturing					1	0.7	1.4
327	Nonmetallic Mineral Product Manufacturing	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg. Ex.Tech./Scientific**	96	1	0.7	2
332	Fabricated Metal Product Manufacturing					1	0.7	2.9
333	Machinery Manufacturing					2	2	2.1
334	Computer and Electronic Product Manufacturing					1	1.4	2.3
336	Transportation Equipment Manufacturing					1	0.6	0.9
339	Miscellaneous Manufacturing					1	0.7	0.8
336	Transportation Equipment Manufacturing	Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	11	1	0.7	2.2
311	Food Manufacturing					1	5.8	1.2
311	Food Manufacturing					1	2.6	1.3
323	Printing and Related Support Activities					1	1.3	2.1
325	Chemical Manufacturing					1	1.9	1.8
326	Plastics and Rubber Products Manufacturing					1	1.7	2
332	Fabricated Metal Product Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	41	2	3.9	1.8
333	Machinery Manufacturing					1	2.5	1.7
334	Computer and Electronic Product Manufacturing					1	1.5	1.1
336	Transportation Equipment Manufacturing					1	2.5	1.2
339	Miscellaneous Manufacturing					1	1.5	2.1
311	Food Manufacturing					3	9.1	2.4
312	Beverage and Tobacco Product Manufacturing					1	1.7	3.5
321	Wood Product Manufacturing					1	1.5	1.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					2	5.3	2.7
326	Plastics and Rubber Products Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	3.4	2.1
327	Nonmetallic Mineral Product Manufacturing					1	1.7	1.6
331	Primary Metal Manufacturing					1	3.8	4
332	Fabricated Metal Product Manufacturing					2	4.5	1.1
333	Machinery Manufacturing					2	5	1.9
336	Transportation Equipment Manufacturing					2	4.9	1.3
311	Food Manufacturing					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
311	Food 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./Mfgs. Prod. & Operating Workers**	23	1	2.3	3.3
332	Fabricated Metal Product Manufacturing					1	2.8	4.5
332	Fabricated Metal Product Manufacturing					3	11.1	4.3
333	Machinery Manufacturing					1	5.7	1.9
334	Computer and Electronic Product Manufacturing					1	3.1	3.3
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
311	Food Manufacturing					2	2.5	1.9
311	Food 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	Production	51-2092	Team Assemblers	79	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 C REGIONAL PLANNING 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	Food Batchmakers		15	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					9	39.3	4.2
333	Machinery Manufacturing	Production	51-4011	Computer-Controlled Machine Tool Operators**	24	4	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					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	Machinists**	60	10	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					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	Welders, Cutters, Solders & Brazers**	25	3	13.2	4.9
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	Inspectors, Testers, Sorters & Weighers	27	2	8.9	2.9
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					1	5.2	10.3
325	Chemical Manufacturing	Production	51-9111	Packaging & Filling Machine Operators & Tenders	24	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					1	2.1	1.3
331	Primary Metal Manufacturing	Production	51-9199	Production Workers, All Other	30	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 O - REGIONAL PLANNING DATA

MANUFACTURING

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 that is in this Industry	2022 Percent of Productive Occupation that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				1	2						
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	17	1	1	3.5	2.8	Bachelor's degree	None	None	
				1	1	10.8	5.6	Bachelor's degree	None	None	
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	11	1	1	4.2	1.3	Bachelor's degree	None	None	
				1	1	5.6	0.9	Bachelor's degree	None	None	
Manufacturing Production Process Development	17-2112	Industrial Engineers**	12	1	1	6.9	1.6	Bachelor's degree	None	None	
				1	1	12.2	3	Bachelor's degree	None	None	
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	17	1	2	17.6	2.8	Bachelor's degree	None	None	
				2	2	6.2	1.1	Bachelor's degree	None	None	
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	17	1	1	12.3	3.3	Bachelor's degree	None	None	
				1	1	6.3	1.8	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale, Tech/S&P/Products**	23	1	2	11.9	2.2	Bachelor's degree	None	None	
				1	1	3.9	1.7	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	1	1	1.1	Bachelor's degree	None	None	
				1	1	0.6	5.2	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	1	0.6	2.4	Bachelor's degree	None	None	
				1	1	1.2	4.4	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	1	0.7	1.4	Bachelor's degree	None	None	
				1	1	0.7	2.9	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	2	0.7	2.1	Bachelor's degree	None	None	
				1	1	1.4	2.3	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	1	0.6	0.9	Bachelor's degree	None	None	
				1	1	0.7	0.8	Bachelor's degree	None	None	
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg,Ex, Tech/Scientific**	96	1	1	0.7	2.2	Bachelor's degree	None	None	
				1	1	1.5	2.1	Bachelor's degree	None	None	
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	11	1	1	5.8	1.2	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	2.6	1.3	High school diploma or equivalent	None	Moderate term on-the-job training	
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	11	1	1	1.3	2.1	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	1.9	1.8	High school diploma or equivalent	None	Moderate term on-the-job training	
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	41	1	1	1.7	2	High school diploma or equivalent	None	Short-term on-the-job training	
				2	2	3.9	1.8	High school diploma or equivalent	None	Short-term on-the-job training	
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	41	1	1	2.5	1.7	High school diploma or equivalent	None	Short-term on-the-job training	
				1	1	1.5	1.1	High school diploma or equivalent	None	Short-term on-the-job training	
Logistics & Inventory Control	43-5071	Shipping, Receiving & Traffic Clerks**	41	1	1	2.5	1.2	High school diploma or equivalent	None	Short-term on-the-job training	
				1	1	1.5	2.1	High school diploma or equivalent	None	Short-term on-the-job training	
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	1	3.4	2.1	High school diploma or equivalent	None	Long-term on-the-job training	
				1	1	1.7	1.6	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	2	3.8	4	High school diploma or equivalent	None	Long-term on-the-job training	
				2	2	4.5	1.1	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	2	2	5	1.9	High school diploma or equivalent	None	Long-term on-the-job training	
				1	1	1.2	2.4	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	48	1	1	1.1	4.4	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	1.4	1.4	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	1	1	2.3	3.3	Postsecondary non-degree award	1 to 5 years	None	
				1	2	2.8	4.5	Postsecondary non-degree award	1 to 5 years	None	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	3	3	11.1	4.3	Postsecondary non-degree award	1 to 5 years	None	
				1	1	5.7	3.3	Postsecondary non-degree award	1 to 5 years	None	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	1	1	3.1	1.9	Postsecondary non-degree award	1 to 5 years	None	
				2	2	7.2	2.9	Postsecondary non-degree award	1 to 5 years	None	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	1	1	2.5	4.1	Postsecondary non-degree award	1 to 5 years	None	
				1	1	3.2	3.5	Postsecondary non-degree award	1 to 5 years	None	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	2	2	2.5	1.9	Postsecondary non-degree award	1 to 5 years	None	
				3	3	3.3	9.1	Postsecondary non-degree award	1 to 5 years	None	
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	23	1	1	1.2	1.8	Postsecondary non-degree award	1 to 5 years	None	
				3	3	3.6	6.5	Postsecondary non-degree award	1 to 5 years	None	
Production	51-2092	Team Assemblers	79	1	1	1.2	3.2	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	0.7	2.2	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-2092	Team Assemblers	79	6	8	7.3	5.3	High school diploma or equivalent	None	Moderate term on-the-job training	
				10	10	10.7	3	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-2092	Team Assemblers	79	3	3	3.6	4.1	High school diploma or equivalent	None	Moderate term on-the-job training	
				3	3	3.8	12.8	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-2092	Team Assemblers	79	16	16	20.3	15.1	High school diploma or equivalent	None	Moderate term on-the-job training	
				3	3	3.3	9.9	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-3092	Food Batchmakers	15	4	4	5.6	11.6	High school diploma or equivalent	Less than 1 Year	Short-term on-the-job training	
				12	12	79.3	5.6	High school diploma or equivalent	Less than 1 Year	Short-term on-the-job training	
Production	51-4011	Computer-Controlled Machine Tool Operators**	24	1	1	4.5	1.2	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	4	1.8	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-4011	Computer-Controlled Machine Tool Operators**	24	9	9	39.3	4.2	High school diploma or equivalent	None	Moderate term on-the-job training	
				4	4	18.4	2.9	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-4011	Computer-Controlled Machine Tool Operators**	24	1	1	5	0.9	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	3.7	1.8	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-4011	Computer-Controlled Machine Tool Operators**	24	4	4	18.2	2	High school diploma or equivalent	None	Moderate term on-the-job training	
				1	1	3.9	1.2	High school diploma or equivalent	None	Moderate term on-the-job training	

ATTACHMENT O - REGIONAL PLANNING DATA

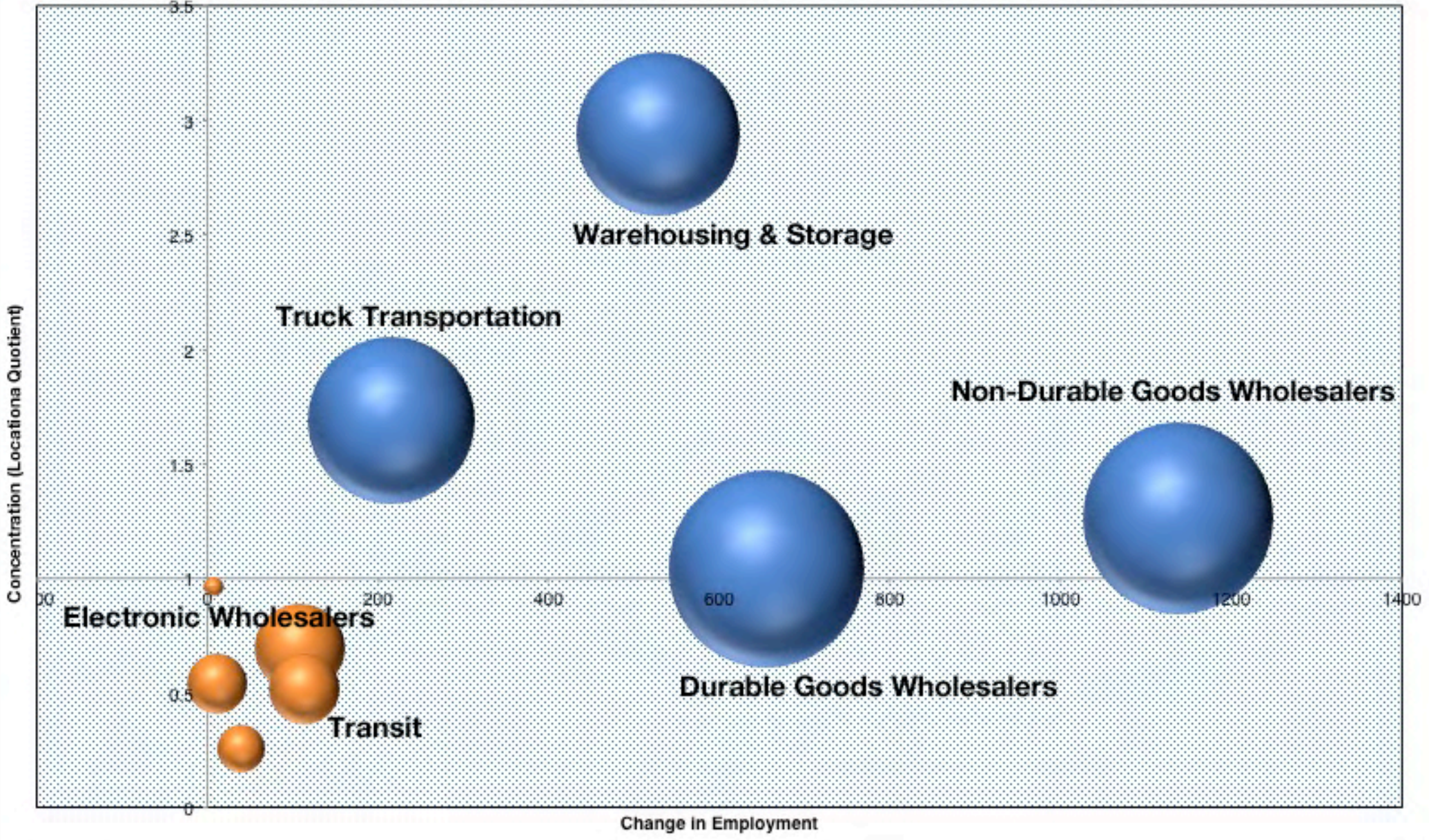
Production	51-4041	Machinists**	60	1	1.5	1.1	\$41,297	High school diploma or equivalent	None	Long-term on-the-job training
				21	35.1	10.2				
				10	16.6	7				
				2	3	1.4				
				1	1.6	2.2				
7	12	3.6								
Production	51-4121	Welders, Cutters, Solderers & Brazers**	25	2	2.7	2.3	\$35,306	High school diploma or equivalent	Less than 1 Year	Moderate-term on-the-job training
				6	24.3	6.2				
				3	13.2	4.9				
				3	12.5	3.3				
				2	6.6	2.2				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	27	1	4.7	2.3	\$34,231	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.4	2.8				
				1	2	3				
				3	10	3.4				
				1	2.9	2.7				
Production	51-9111	Packaging & Filling Machine Operators & Tenders	24	7	30.3	7.8	\$27,526	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	5.2	10.3				
				3	11.8	6				
				1	3.6	2.2				
				3	10.9	2				
Production	51-9199	Production Workers, All Other	30	1	1.7	1.1	\$26,302	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.4	1				
				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								

ATTACHMENT O - REGIONAL PLANNING DATA

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



ATTACHMENT O - REGIONAL PLANNING DATA
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

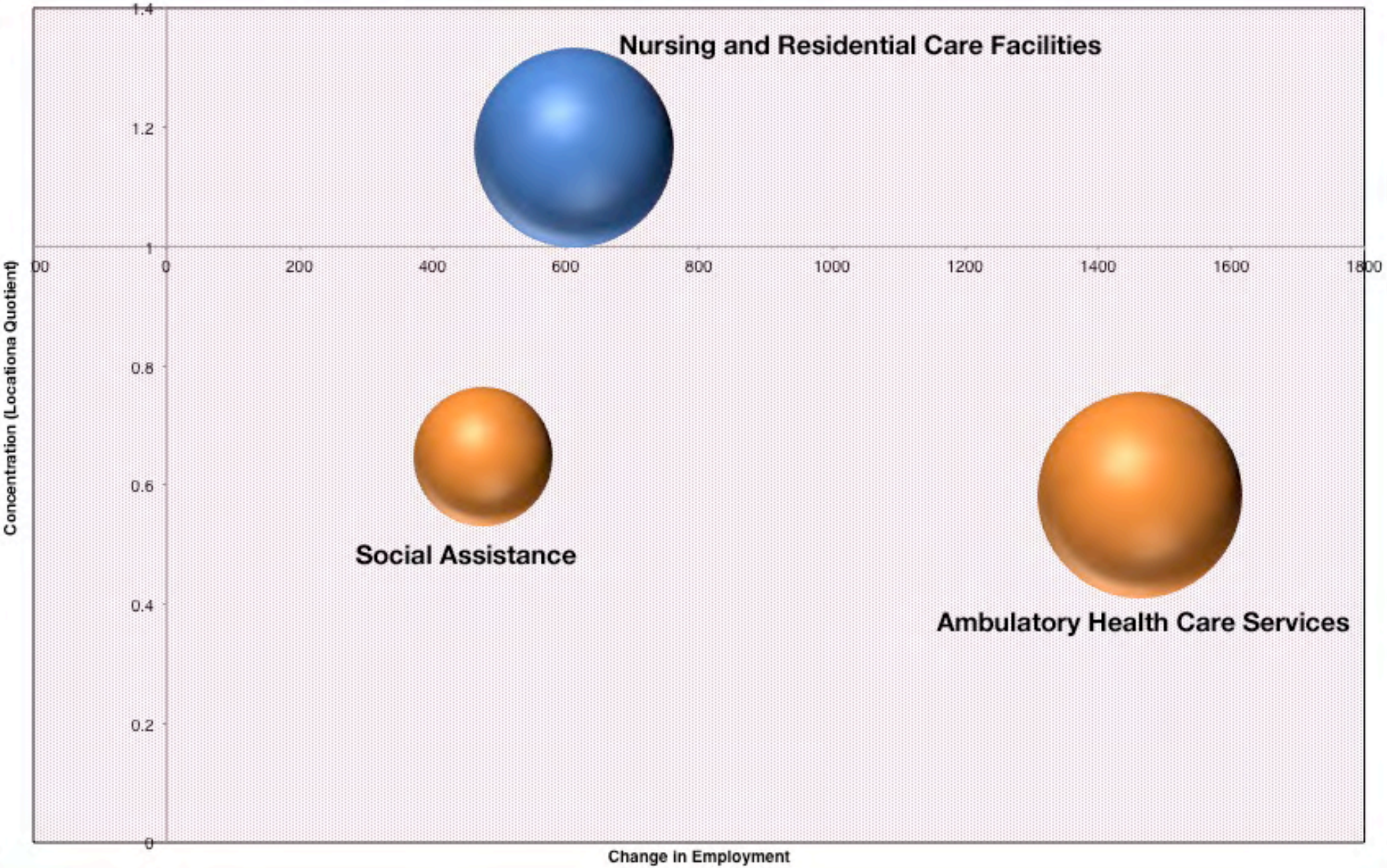
ATTACHMENT O - REGIONAL PLANNING DATA

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 years	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				
				3	17.9	2.6				
Transportation Operations	43-5032	Dispatchers**	14	1	7.8	3.2	\$33,351	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	7.9	2.4				
				6	13.5	3.2				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	41	3	7.8	2.7	\$29,650	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.7	1.7				
				1	1.8	1.8				
				2	5	7.2				
				2	4.7	4.1				
				6	13.5	3.2				
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
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	14	1	10.6	1	\$37,935	High school diploma or equivalent	None	Long-term on-the-job training
				3	18.6	3.5				
				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
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	18	2	8.6	0.5	\$52,733	High school diploma or equivalent	1 to 5 years	None
				2	9.9	0.9				
				1	4.9	0.6				
				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				

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

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	SOCTitle	Average Annual Job Openings	Annual	2022 Percent	2022 Percent
						Occupation Openings in 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 **	12	1	5.9	0.2
622	Hospitals				1	1	6	0.3
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	13	4	30	1.3
622	Hospitals				5	5	36.4	2.1
623	Nursing and Residential Care Facilities				1	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				1	1	10	0.3
623	Nursing and Residential Care Facilities				1	1	17.6	0.7
624	Social Assistance				1	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				3	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				2	2	17.1	2
624	Social Assistance				5	5	40.7	5.1
624	Social Assistance	Health Informatics	21-1099	Community/Social Services Specialists, All Other	6	2	25.9	0.9
624	Social Assistance				2	2	25.9	0.9
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3
621	Ambulatory Health Care Services				8	8	56.3	1.8
622	Hospitals	Therapeutic Services	29-1123	Physical Therapists	15	4	25	1
623	Nursing and Residential Care Facilities				1	1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	8	2	28.4	0.5
622	Hospitals				1	1	13.6	0.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	102	21	20.1	7.4
622	Hospitals				60	60	59.2	28.9
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	8	7	7	5.8
624	Social Assistance				1	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				3	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				3	3	15.2	0.7
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	7	1	16.2	1
621	Ambulatory Health Care Services				10	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				14	14	39.1	9.1
624	Social Assistance				1	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				4	4	37.6	1.3
623	Nursing and Residential Care Facilities				1	1	8.9	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-9011	Massage Therapists	6	6	9	1.8
622	Hospitals				17	17	24.4	6.6
623	Nursing and Residential Care Facilities	Therapeutic Services	31-1014	Nursing Assistants	71	38	53.9	24.4
624	Social Assistance				1	1	1.9	1
621	Ambulatory Health Care Services	Health Informatics	31-9011	Massage Therapists	6	1	24.6	0.5
622	Hospitals				1	1	24.6	0.5
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	10	95.4	4.1
622	Hospitals	Health Informatics	31-9092	Medical Assistants	19	15	79.7	6.6
623	Nursing and Residential Care Facilities				2	2	12.4	1.4
624	Social Assistance	Health Informatics	31-9099	Healthcare Support Workers, All Other	9	2	22.5	0.3
621	Ambulatory Health Care Services				3	3	33.9	0.6
622	Hospitals				1	1	8.5	0.3
623	Nursing and Residential Care Facilities				1	1	1.2	0.2
624	Social Assistance	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	44	1	1.2	0.2
621	Ambulatory Health Care Services				1	1	2.7	0.7
622	Hospitals				1	1	2.7	0.7
623	Nursing and Residential Care Facilities	Health Informatics	43-3011	Bill and Account Collectors**	20	2	11.8	0.6
624	Social Assistance				1	1	4.6	0.3
621	Ambulatory Health Care Services				15	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				1	1	2.9	0.8
624	Social Assistance				1	1	2	0.6

ATTACHMENT C

Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Occupation that is in this Industry		Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				Annual Occupation in Industry	Employment in this Occupation				
Health Informatics	11-3011	Administrative Services Managers **	12	1	5.9	0.2	High school diploma or equivalent	1 to 5 years	None
				4	30	1.3			
Health Informatics	11-9111	Medical & Health Services Managers	13	5	36.4	2.1	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	Master's degree	None	Internship/residency
				1	17.6	0.7			
				1	20.1	0.9			
Support Services	21-1015	Rehabilitation Counselors	6	1	13.4	0.5	Master's degree	None	None
				3	45.7	1.8			
				1	8	0.4			
Support Services	21-1093	Social & Human Services Assistants**	13	2	17.1	2	High school diploma or equivalent	None	Short-term on-the-job training
				5	40.7	5.1			
				2	25.9	0.9			
				2	25.9	0.9			
				2	25.9	0.9			
Health Informatics	21-1099	Community/Social Services Specialists, All Other	6	2	25.9	0.9	Master's degree	None	None
				2	25.9	0.9			
Therapeutic Services	29-1051	Pharmacists	9	2	25.3	1.3	Doctoral or professional degree	None	None
Therapeutic Services	29-1123	Physical Therapists	15	8	56.3	1.8	Doctoral or professional degree	None	None
				4	25	1			
				1	6.7	0.5			
Therapeutic Services	29-1127	Speech-Language Pathologists	8	2	28.4	0.5	Master's degree	None	None
				1	13.6	0.3			
Therapeutic Services	29-1141	Registered Nurses	102	21	20.1	7.4	Associate's or Bachelor's degree	None	None
				60	59.2	28.9			
				7	7	5.8			
				1	0.9	0.8			
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	8	4	44.3	1.1	Associate's degree	None	None
				3	41.4	1.3			
				9	97.4	2.8			
Therapeutic Services	29-2021	Dental Hygienists	9	9	97.4	2.8	Associate's degree	None	None
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	21	12	55	1.8	Postsecondary non-degree award	None	None
Therapeutic Services	29-2052	Pharmacy Technicians	7	3	15.2	0.7	Postsecondary non-degree award	None	None
Therapeutic Services	29-2061	Licensed Practical Nurses	36	10	28.9	3	Postsecondary non-degree award	None	None
				6	16.3	2.3			
				14	39.1	9.1			
Health Informatics	29-2071	Med Records & Health Info Technicians	10	4	35.4	0.9	Postsecondary non-degree award	None	None
				4	37.6	1.3			
				1	8.9	0.5			
				6	9	1.8			
Therapeutic Services	31-1014	Nursing Assistants	71	17	24.4	6.6	Postsecondary non-degree award	None	None
				38	53.9	24.4			
				1	1.9	1			
Health Informatics	31-9011	Massage Therapists	6	1	24.6	0.5	Postsecondary non-degree award	None	None
				1	24.6	0.5			
Therapeutic Services	31-9091	Dental Assistants	10	10	95.4	4.1	Postsecondary non-degree award	None	None
Health Informatics	31-9092	Medical Assistants	19	15	79.7	6.6	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	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	1.2	0.2	High school diploma or equivalent	1 to 5 years	None
				1	1.2	0.2			
				1	2.7	0.7			
Health Informatics	43-3011	Bill and Account Collectors**	20	2	11.8	0.6	High school diploma or equivalent	None	Moderate-term on-the-job training
Health Informatics	43-3011	Bill and Account Collectors**	20	1	4.6	0.3	High school diploma or equivalent	None	Moderate-term on-the-job training
				15	40.6	5.3			
Health Informatics	43-4171	Receptionists & Information Clerks **	37	1	3.7	0.6	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.9	0.8			

ATTACHMENT O - REGIONAL PLANNING 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
			NAICS	DESCRIPTION			
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	
15-1131	Computer Programmers	20	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	
15-1132	Software Developers, Applications	17	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	
15-1133	Software Developers, Systems Software	11	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	
15-1142	Network & Computer Sys. Administrators	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	4	37.8	
15-1151	Computer User Support Specialists	17	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	
			551	Management of companies and enterprises	0	5.2	
15-1151	Computer User Support Specialists	17	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	
			551	Management of companies and enterprises	1	4.4	
15-1151	Computer User Support Specialists	17	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
Machinists** Computer-Controlled Machine Tool Operators**	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	
Team Assemblers	No Related Program of Study for This Occupation				
Food Batchmakers	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**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
		IL Valley CC	68	< 1 Yr Cert	IL Valley CC
Truck Drivers, Light & Delivery Services	Community Colleges	Sauk Valley CC	8	< 1 Yr Cert	Sauk Valley CC
				School Bus Drivers	
Shipping, Receiving, & Traffic Clerks**					
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	
		IL Valley CC	57	Associate	Trinity Coll of Nursing/Hth Sciences	
		Sauk Valley CC	36	Associate		
			13	Associate		
		Other Colleges	35	Bachelor		
Nursing Assistants	51.3902	Nurse Aide				
		Black Hawk College	93	< 1 Yr Cert	Black Hawk College	
		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	Community Colleges	Black Hawk College	30	1-2 Yr Cert	Black Hawk College	
		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				
			7	1-2 Yr Cert		
		Black Hawk College	4	Associate		
		Highland CC	1	Associate		
		IL Valley CC	4	1-2 Yr Cert		
		Sauk Valley CC	6	1-2 Yr Cert		
		Other Colleges	1	Associate		

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

ATTACHMENT O - REGIONAL PLANNING DATA

Northwest 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
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

Northwest 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
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 O - REGIONAL PLANNING DATA

Northwest 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
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%

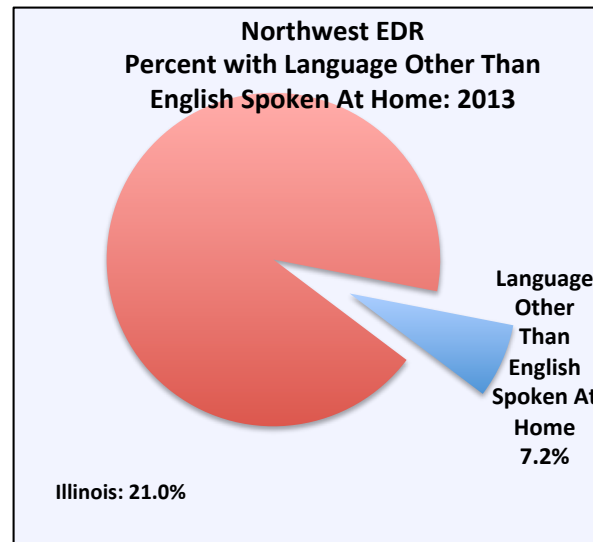
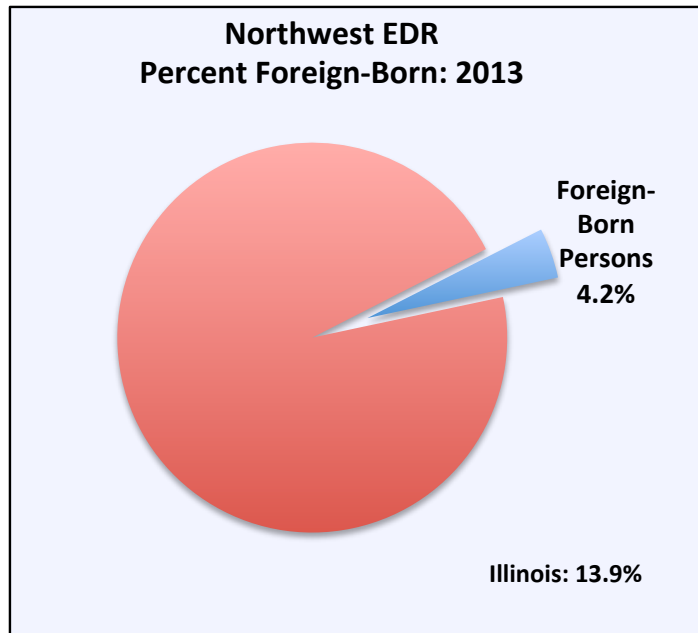
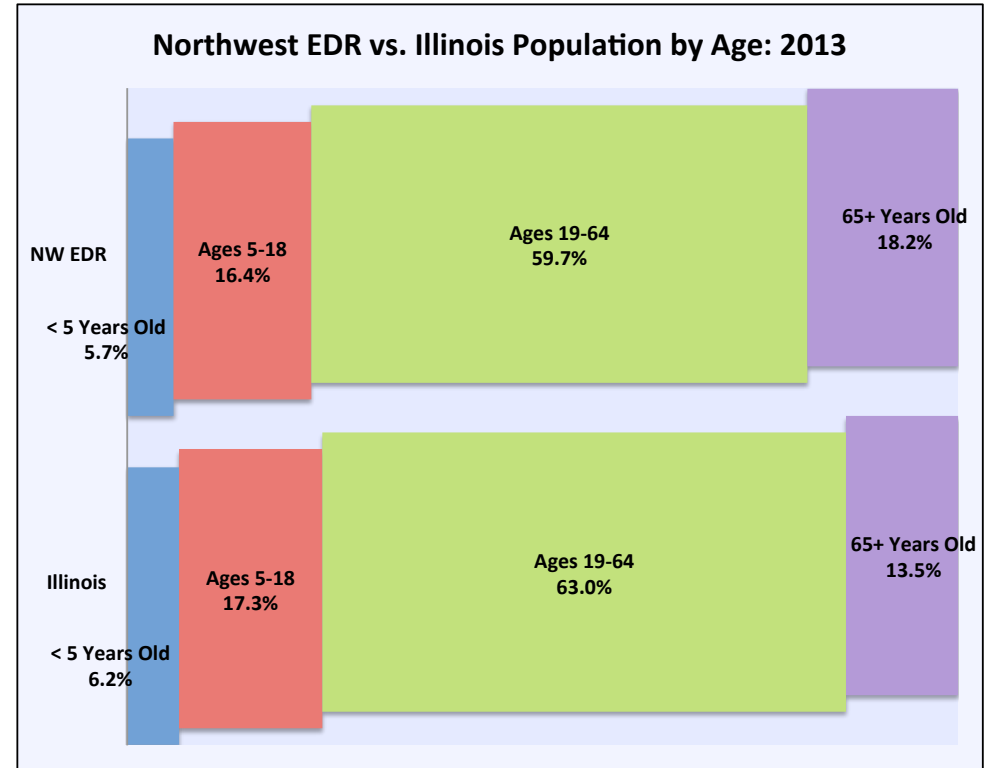
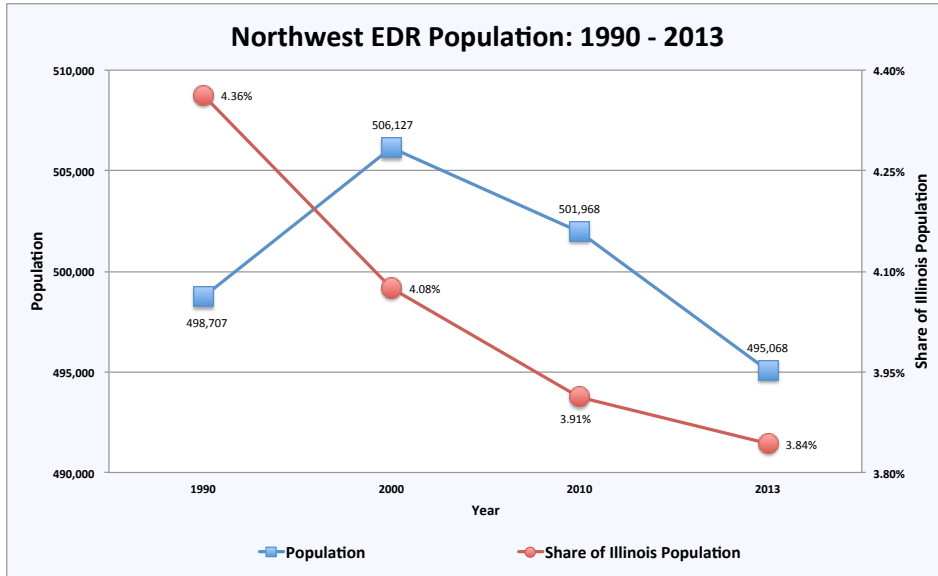
*ABE = Adult Basic Education; ASE = Adult Secondary Education; ESL = English-as-a-Second Language.

** 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 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*
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%

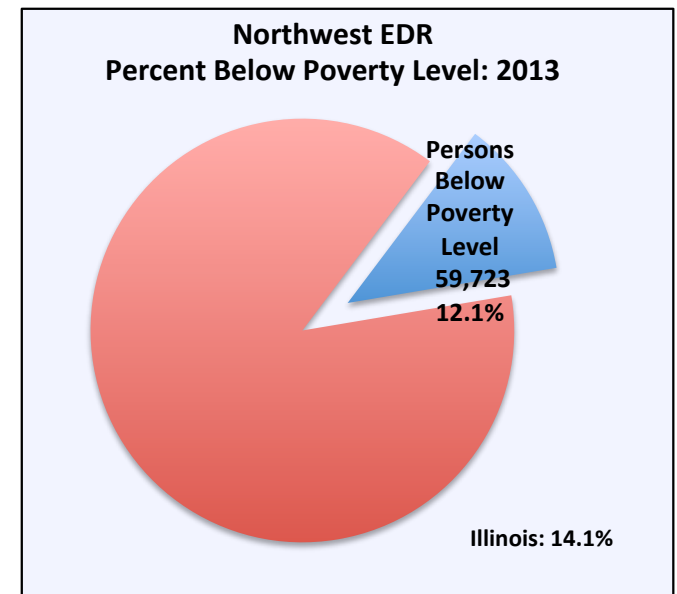
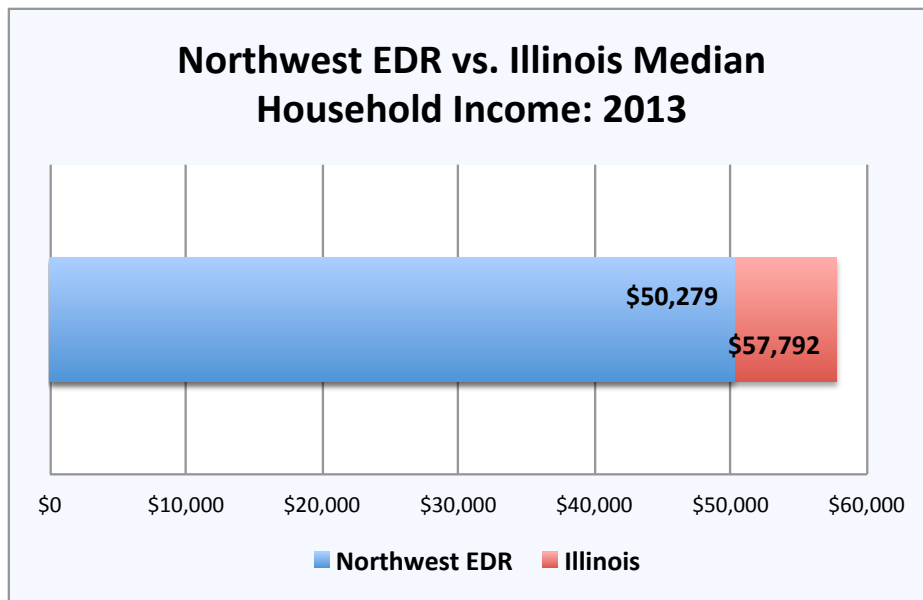
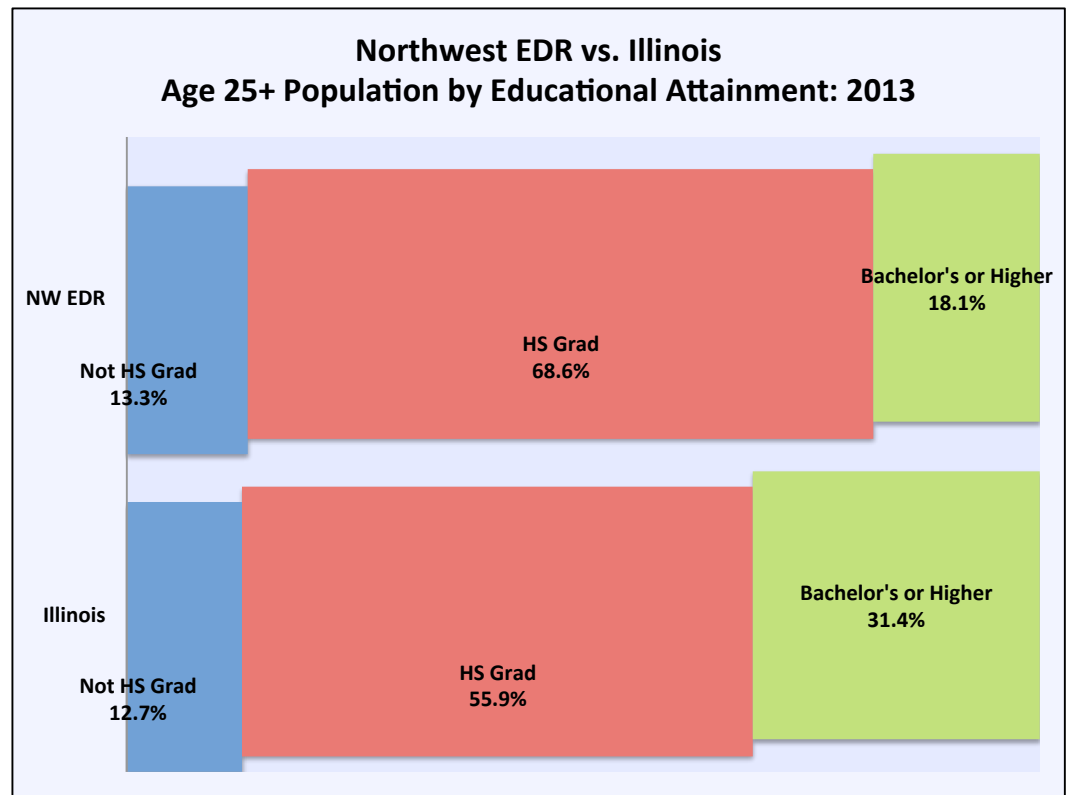
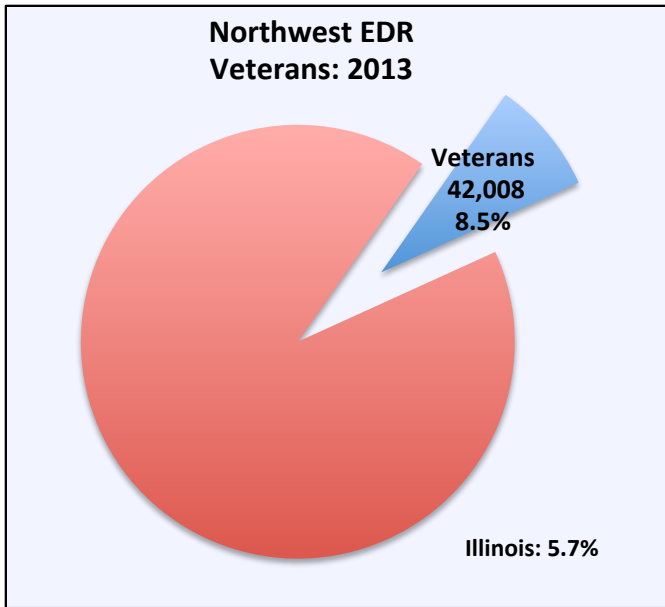
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING DATA



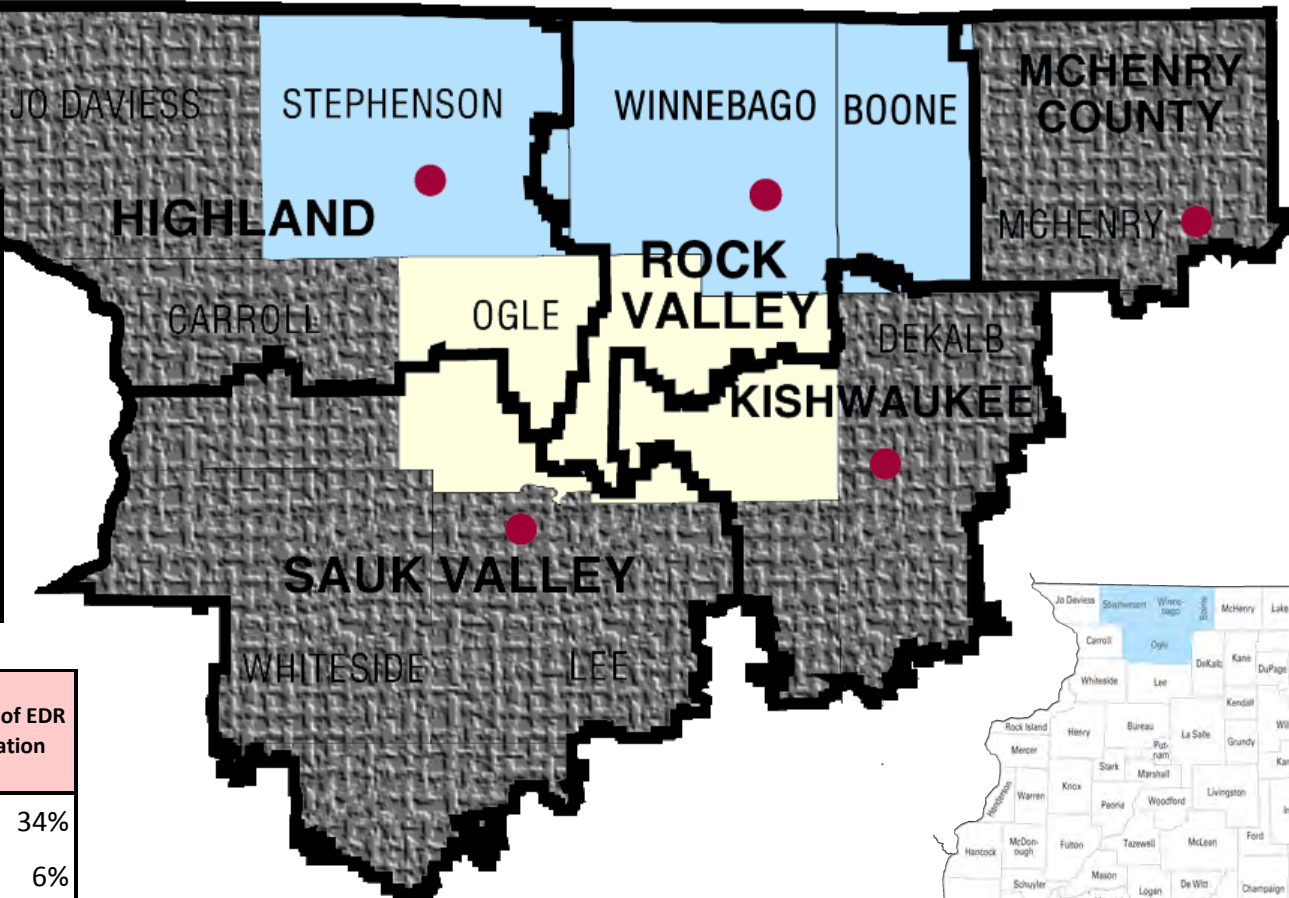
Source for all Information on this Page: US Census Bureau Annual County Resident Population Estimates for 2013

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

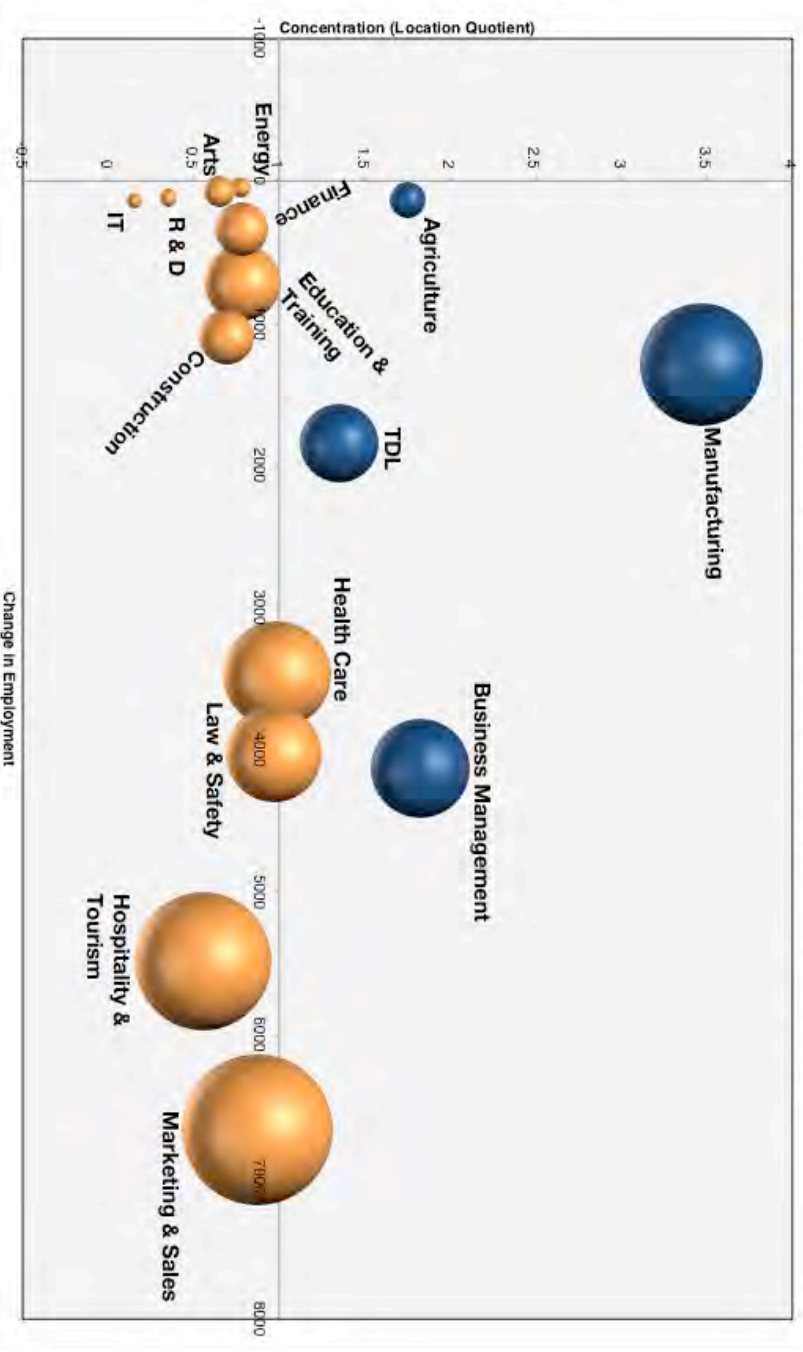


NORTHERN STATELINE REGION

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

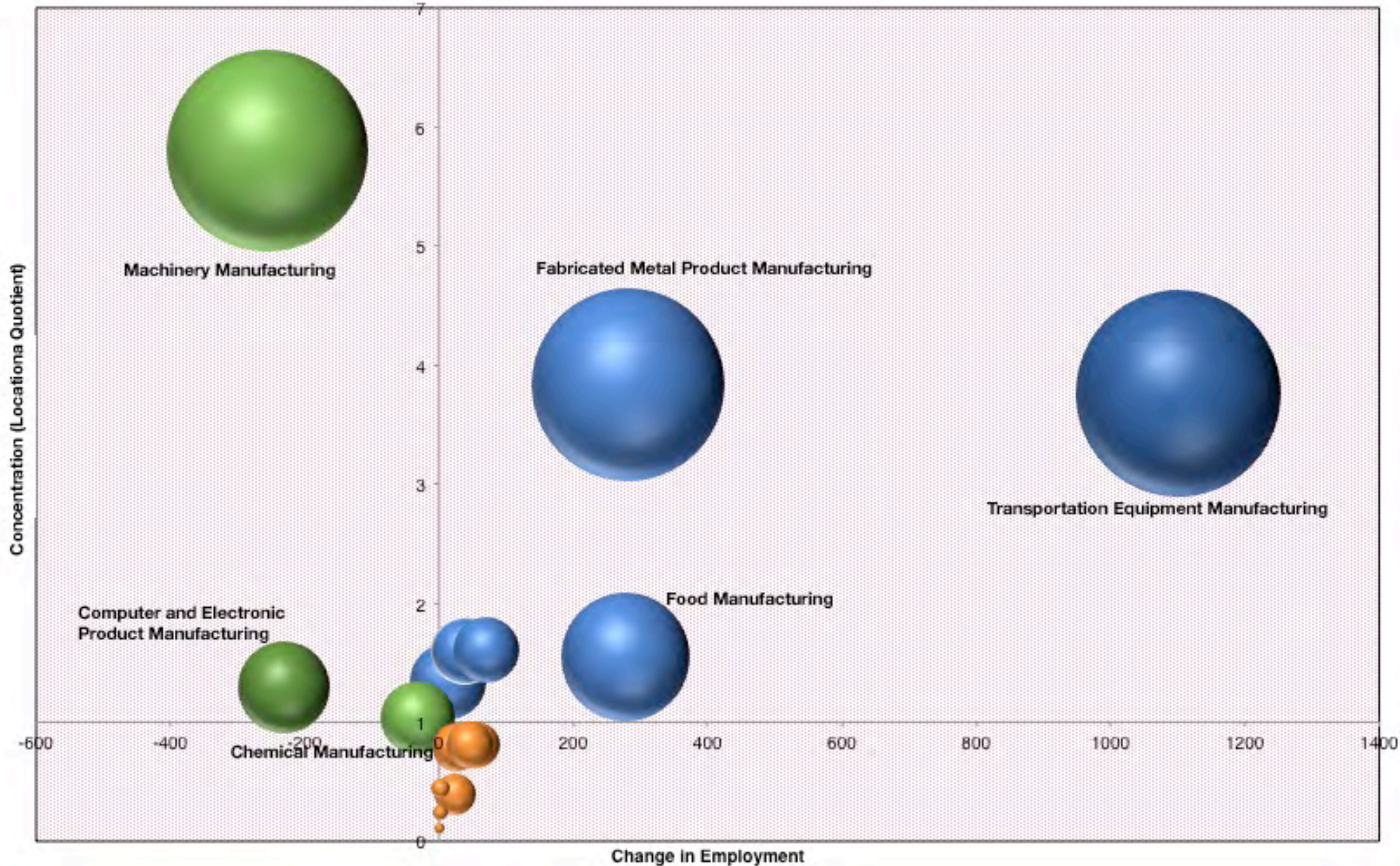
MAJOR INDUSTRY CLUSTERS IN THE NORTHERN STATELINE REGION



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

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHERN STATELINE REGION



MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Employment in this Industry		
						Annual Occupation Openings in Industry	2022 Percent of Employment in this Industry	
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**	20	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/ScIprod**	15	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/ScItech**	56	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					1	1.9	1.8
326	Plastics and Rubber Products Manufacturing					1	1.7	2
332	Fabricated Metal Product Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	38	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					1	1.5	1.4
322	Paper Manufacturing					1	3.4	3.7
325	Chemical Manufacturing					2	5.3	2.7
326	Plastic and Rubber Products Manufacturing	Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	36	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					1	2.3	2.3
325	Chemical Manufacturing	Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	44	1	1.2	2.4
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	2.3	3.3
331	Primary Metal Manufacturing	Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	26	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					6	49.1	2.8
333	Machinery Manufacturing	Production	51-2041	Structural Metal Fabricators & Fitters	12	2	12.7	1.1
336	Transportation Equipment Manufacturing					1	11.8	0.7
339	Miscellaneous Manufacturing					1	5.7	0.9
311	Food Manufacturing					4	2.5	1.9
321	Wood Product Manufacturing					5	3.3	9.1
322	Paper Manufacturing					1	0.6	1.9
323	Printing and Related Support Activities					1	0.4	1
325	Chemical Manufacturing					2	1.2	1.8
326	Plastics and Rubber Products Manufacturing					5	3.6	6.5
327	Nonmetallic Mineral Product Manufacturing					2	1.2	3.2
331	Primary Metal Manufacturing	Production	51-2092	Team Assemblers	145	1	0.7	2.2
332	Fabricated Metal Product Manufacturing					11	7.3	5.3
333	Machinery Manufacturing					15	10	10.7
334	Computer and Electronic Product Manufacturing					5	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					6	3.8	12.8
336	Transportation Equipment Manufacturing					29	20.3	15.1
337	Furniture and Related Product Manufacturing					5	3.3	9.9
339	Miscellaneous Manufacturing					8	5.6	11.6
321	Wood Product Manufacturing					1	3.3	2.6
332	Fabricated Metal Product Manufacturing					1	4.5	0.9
333	Machinery Manufacturing	Production	51-2099	Assemblers & Fabricators, All Other**	17	1	3.9	1.2
336	Transportation Equipment Manufacturing					3	16.8	3.5

ATTACHMENT C REGIONAL PLANNING DATA

MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in this Industry			Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				2022	2023	2024				
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				
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	20	1	12.2	3	\$70,521	Bachelor's degree	None	None
				2	17.6	2.8				
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale, Tech/SdProd**	15	1	3.9	1.7	\$67,654	Bachelor's degree	None	Moderate-term on-the-job training
				1	1.1	1.1				
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg/Elec Tech/Sentific**	56	1	1.2	4.4	\$59,954	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2	2.1				
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	38	1	2.5	1.7	\$31,455	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.5	1.1				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	36	1	2.5	1.2	\$56,320	High school diploma or equivalent	None	Long-term on-the-job training
				1	1.5	2.1				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	44	3	9.1	2.4	\$35,827	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1.7	3.5				
Production	51-1011	1st-Line Spvns/Mgrs, Prod. & Operating Workers**	26	1	1.5	1.4	\$58,254	Postsecondary non-degree award	1 to 5 years	None
				1	2.3	2.3				
Production	51-2041	Structural Metal Fabricators & Fitters	12	1	1.2	2.4	\$36,697	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1.4	1.4				
Production	51-2092	Team Assemblers	145	1	1.2	1.1	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.8	0.7				
Production	51-2099	Assemblers & Fabricators, All Other**	17	1	5.7	0.9	\$25,566	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	11.8	0.7				
Production	51-3092	Food Batchmakers	10	4	2.5	1.9	\$31,415	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	0.6	1.9				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	1	0.4	1	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				2	1.2	3.2				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	1	0.7	2.2	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	7.3	5.3				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	11	10	10.7	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				15	10	10.7				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	5	3.6	6.5	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				29	20.3	15.1				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	8	5.6	11.6	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.3	2.6				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	1	4.5	0.9	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	3.9	1.2				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	3	16.8	3.5	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	5.1	3				
Production	51-4011	Computer-Controlled Machine Tool Operators**	32	1	1.5	1.1	\$31,343	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.9	2.2				

ATTACHMENT O REGIONAL PLANNING DATA

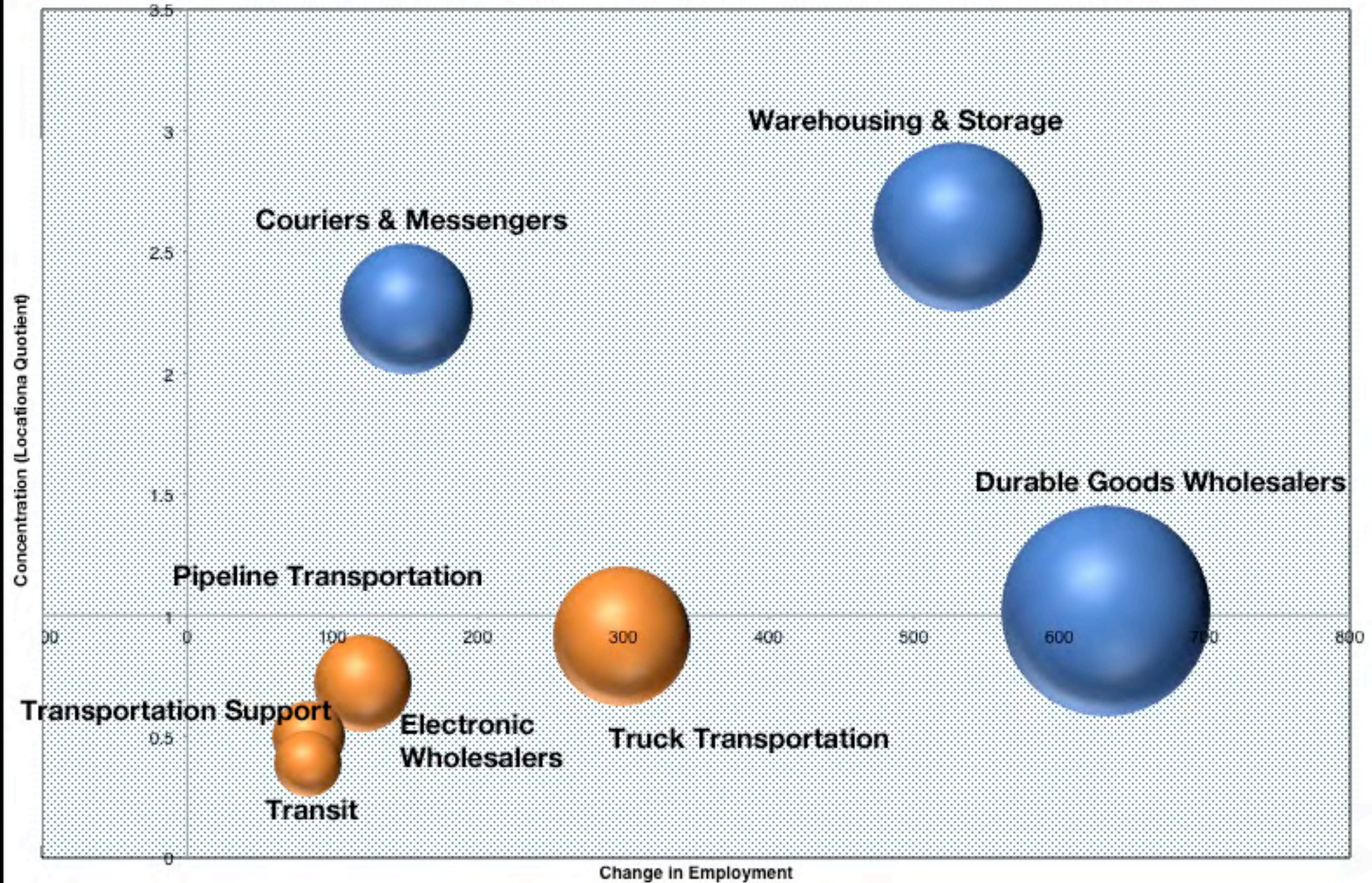
Production	51-4041	Machinists**	66	23	35.1	10.2	\$35,468	High school diploma or equivalent	None	Long-term on-the-job training
				11	16.6	7				
				2	3	1.4				
				1	1.6	2.2				
				8	12	3.6				
2	2.7	2.3								
Production	51-4121	Welders, Cutters, Solderers & Brazers**	31	1	1.9	2	\$32,496	High school diploma or equivalent	Less than 1 Year	Moderate-term on-the-job training
				8	24.3	6.2				
				4	13.2	4.9				
				4	12.5	3.3				
Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	17	5	29.1	1.2	\$32,443	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	20	1.3				
				1	3.2	0.6				
				5	27	1.2				
				2	6.6	2.2				
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	36	2	4.8	3.2	\$35,490	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	5.6	4.7				
				1	1.8	2.1				
				1	2.3	3.2				
				3	8.9	2.9				
				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								
1	5.2	10.3								
Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	3	11.8	6	\$21,469	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	3.6	2.2				
				3	10.9	2				
Production	51-9199	Production Workers, All Other	30	1	1.7	1.1	\$27,351	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	2.4	1.8				
				1	3.5	1.2				
				1	2.4	1				
				1	2.1	1.3				
				1	1.7	1.2				
				1	3.8	0.7				
				1	2.9	0.7				
1	4.8	0.9								
1	2.8	1.4								

ATTACHMENT O - REGIONAL PLANNING DATA

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 O - REGIONAL PLANNING 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

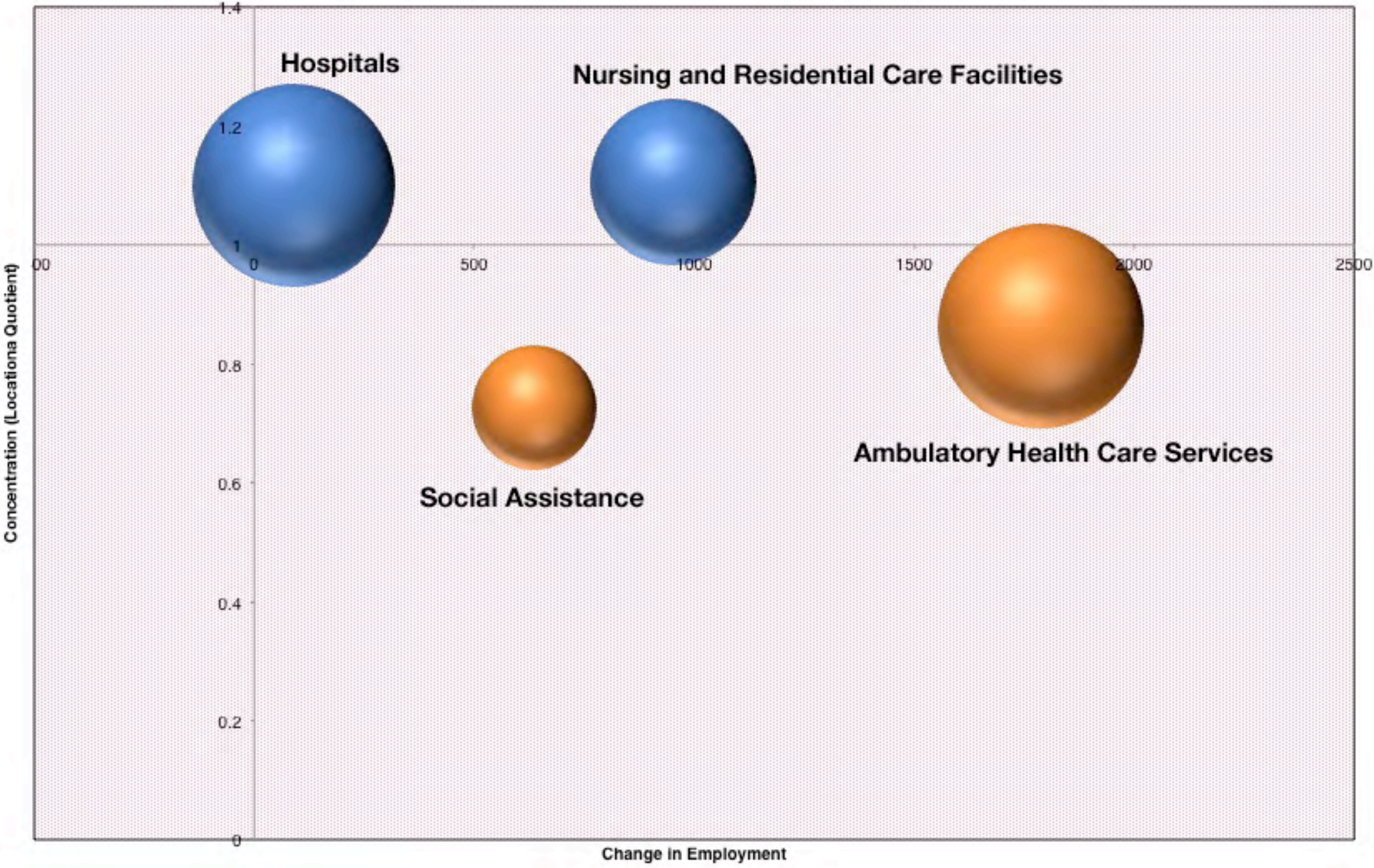
ATTACHMENT O - REGIONAL PLANNING DATA

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
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	\$31,455	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				
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
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	9	1	10.6	1	\$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
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgrs, Helpers & Laborers	16	1	8.6	0.5	\$47,312	High school diploma or equivalent	1 to 5 years	None
				2	9.9	0.9				
				1	4.9	0.6				
				1	3.5	0.9				
				2	9.6	3.6				
Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgrs, Trans. Machine Operators**	7	1	14.6	2.2	\$53,258	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	13	5	41.2	41.1	\$26,404	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	61	2	3.2	2	\$39,359	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	45	1	2.2	5.3	\$29,822	High school diploma or equivalent	None	Short-term on-the-job training
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 Occupation	
						1	2	5.9	0.2
621	Ambulatory Health Care Services	Health Informatics	11-3011	Administrative Services Managers **	11	1	5.9	0.2	
622	Hospitals					1	6	0.3	
621	Ambulatory Health Care Services	Health Informatics	11-9111	Medical & Health Services Managers	13	4	30	1.3	
622	Hospitals					5	36.4	2.1	
623	Nursing and Residential Care Facilities					1	10.8	1.1	
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors**	7	2	30.4	0.6	
622	Hospitals					1	10	0.3	
623	Nursing and Residential Care Facilities					1	17.6	0.7	
624	Social Assistance	Support Services	21-1093	Social & Human Services Assistants**	14	1	20.1	0.9	
621	Ambulatory Health Care Services					1	8	0.4	
622	Hospitals	Therapeutic Services	29-1051	Pharmacists	9	2	17.1	2	
621	Ambulatory Health Care Services					6	40.7	5.1	
622	Hospitals	Therapeutic Services	29-1123	Physical Therapists	16	2	25.3	1.3	
622	Nursing and Residential Care Facilities					9	56.3	1.8	
623	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	7	4	25	1	
622	Hospitals					1	6.7	0.5	
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	108	2	28.4	0.5	
622	Hospitals					1	13.6	0.3	
623	Nursing and Residential Care Facilities	Therapeutic Services	29-1171	Nurse Practitioners	6	2	25.4	0.6	
624	Social Assistance	Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	6	3	44.3	1.1	
621	Ambulatory Health Care Services	Diagnostic Services	29-2021	Dental Hygienists	12	2	41.4	1.3	
622	Hospitals					12	97.4	2.8	
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	6	2	36.7	1	
622	Hospitals					3	56.9	2.1	
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Technics & Paramedics	15	8	55	1.8	
622	Hospitals					2	15.2	0.7	
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	9	1	16.2	1	
622	Hospitals					10	28.9	3	
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2061	Licensed Practical Nurses	35	6	16.3	2.3	
621	Ambulatory Health Care Services					14	39.1	9.1	
622	Hospitals	Health Informatics	29-2071	Med Records & Health Info Technicians	10	4	35.4	0.9	
623	Nursing and Residential Care Facilities					4	37.6	1.3	
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	72	1	8.9	0.5	
622	Hospitals					6	9	1.8	
623	Nursing and Residential Care Facilities					18	24.4	6.6	
624	Social Assistance					39	53.9	24.4	
621	Ambulatory Health Care Services	Health Informatics	31-9011	Massage Therapists	6	1	24.6	0.5	
622	Hospitals					1	24.6	0.5	
623	Nursing and Residential Care Facilities	Therapeutic Services	31-9091	Dental Assistants	14	13	95.4	4.1	
621	Ambulatory Health Care Services					22	79.7	6.6	
622	Hospitals	Health Informatics	31-9092	Medical Assistants	27	3	12.4	1.4	
623	Nursing and Residential Care Facilities					1	2	0.4	
624	Social Assistance	Health Informatics	31-9099	Healthcare Support Workers, All Other	10	2	22.5	0.3	
621	Ambulatory Health Care Services					3	33.9	0.6	
622	Hospitals	Health Informatics	35-1012	1st-Line Svcs./Mgtrs, Food Prep./Serv **	38	1	8.5	0.3	
623	Nursing and Residential Care Facilities					1	2.7	0.7	
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	24	1	2.7	0.7	
622	Hospitals					3	11.8	0.6	
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	44	18	40.6	5.3	
624	Social Assistance					2	3.7	0.6	
621	Ambulatory Health Care Services					1	2.9	0.8	
622	Hospitals					1	2	0.6	

ATTACHMENT C

REGIONAL PLANNING DATA

HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHERN STATELINE REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	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
				Annual Occupation Openings in Industry	Annual Occupation that is in this Industry					
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				
				1	10.8	1.1				
Health Informatics	11-9111	Medical & Health Services Managers	13	2	30.4	0.6	\$83,615	Bachelor's degree	None	None
				1	10	0.3				
Support Services	21-1014	Mental Health Counselors**	7	1	17.6	0.7	\$34,779	Master's degree	None	Internship/residency
				1	20.1	0.9				
				1	10	0.3				
Support Services	21-1093	Social & Human Services Assistants**	14	1	8	0.4	\$26,376	High school diploma or equivalent	None	Short-term on-the-job training
				2	17.1	2				
Therapeutic Services	29-1051	Pharmacists	9	6	40.7	5.1	\$123,793	Doctoral or professional degree	None	None
				2	25.3	1.3				
Therapeutic Services	29-1123	Physical Therapists	16	9	56.3	1.8	\$75,663	Doctoral or professional degree	None	None
				4	25	1				
Therapeutic Services	29-1127	Speech-Language Pathologists	7	1	6.7	0.5	\$70,297	Master's degree	None	None
				2	28.4	0.5				
Therapeutic Services	29-1171	Nurse Practitioners	6	1	13.6	0.3	\$86,510	Master's degree	None	None
				2	25.4	0.6				
				3	44.3	1.1				
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	6	2	41.4	1.3	\$46,360	Associate's degree	None	None
				2	97.4	2.8				
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
				3	56.9	2.1				
				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
				2	16.2	1				
Therapeutic Services	29-2052	Pharmacy Technicians	9	1	16.2	1	\$28,378	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				
				18	24.4	6.6				
Therapeutic Services	31-1014	Nursing Assistants	72	39	53.9	24.4	\$24,714	Postsecondary non-degree award	None	None
				1	1.9	1				
				1	24.6	0.5				
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				
Health Informatics	31-9099	Healthcare Support Workers, All Other	10	2	22.5	0.3	\$37,752	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/Mngs, 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
				1	4.6	0.3				
Health Informatics	43-3011	Receptionists & Information Clerks **	44	18	40.6	5.3	\$25,483	High school diploma or equivalent	None	Short-term on-the-job training
				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 O - REGIONAL PLANNING 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
15-1131	Computer Programmers	9	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
15-1132	Software Developers, Applications	10	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
15-1133	Software Developers, Systems Software	5	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
15-1142	Network & Computer Sys. Administrators	6	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
			5415	Computer systems design and related services	2	37.8
15-1151	Computer User Support Specialists	11	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
			551	Management of companies and enterprises	0	5.2
15-1151	Computer User Support Specialists	11	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
			551	Management of companies and enterprises	0	4.4
15-1151	Computer User Support Specialists	11	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
Team Assemblers	No Related Program of Study for This Occupation				Rock Valley College
Machinists**	48.0501	Machine Tool Technology	No Programs in this EDR*		EIGERlab/NIU
Computer-Controlled Machine Tool Operators**	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	58	Associate	Highland CC	
				44	Associate	Rock Valley CC
				2	Associate	St. Anthony Coll of Nursing
				2	Associate	
				1	Associate	
				9	Bachelor	
Nursing Assistants	51.3902	Nurse Aide	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	17	1-2 Yr Cert	Rock Valley CC	
				4	1-2 Yr Cert	
				No Programs in this EDR		
				No Programs in this EDR		
				No Programs in this EDR		
				No Programs in this EDR		
Medical Assistants	51.0710	Med Office Asst/Specialist	No Programs in this EDR			
Medical Assistants	51.0712	Medical Reception/Receptionist.	No Programs in this EDR			
Medical Assistants	51.0713	Medical Insurance Coding Specialist/Coder	No Programs in this EDR			
Medical Assistants	51.0716	Med Admin/Exec Assistant & Med Secretary.	No Programs in this EDR			
Medical Assistants	51.0801	Med/Clinical Assistant	5	Associate	Rockford Career College	
Medical Assistants	51.0809	Anesthesiologist Asst	No Programs in this EDR			
Medical Assistants	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 O - REGIONAL PLANNING DATA

Northern Stateline 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
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

Northern Stateline 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
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%

Northern Stateline 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
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.

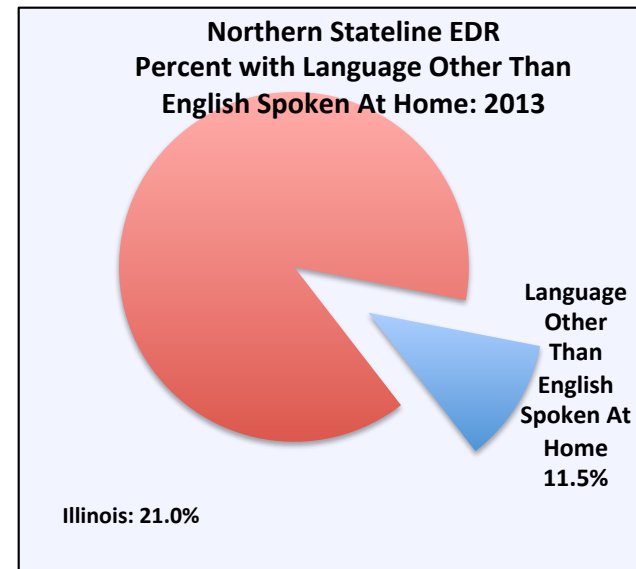
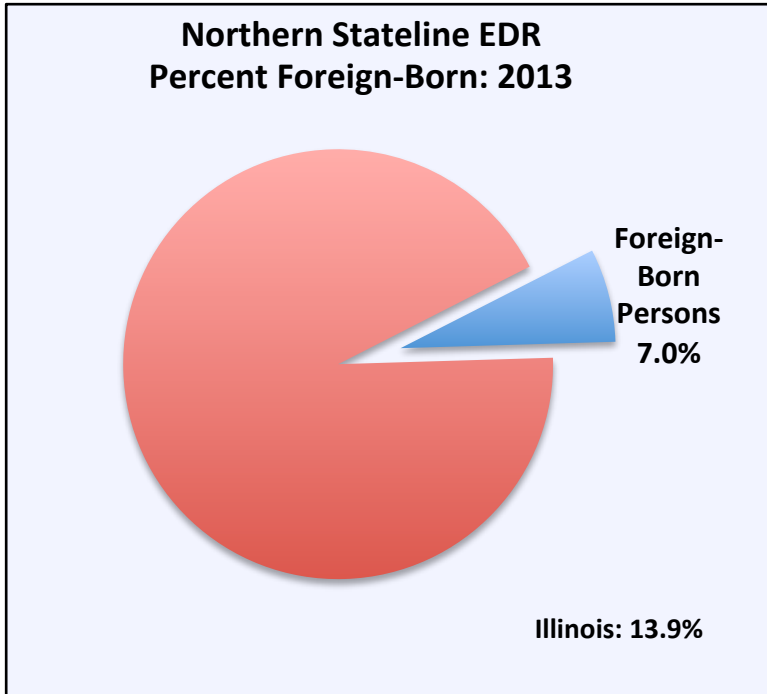
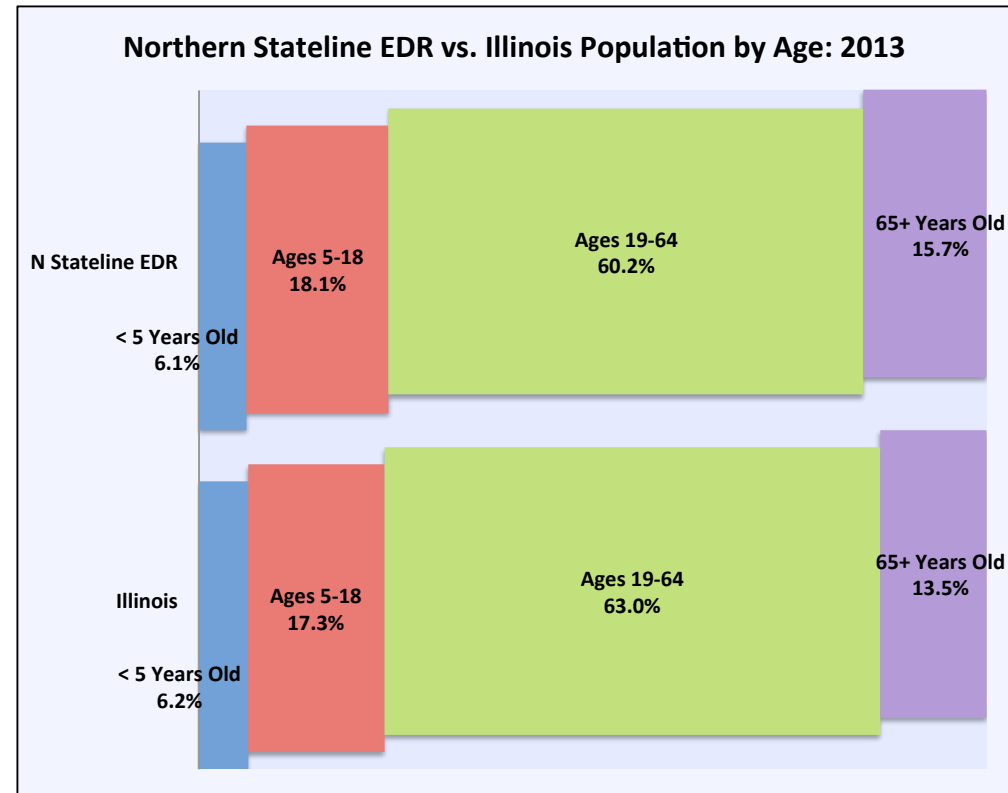
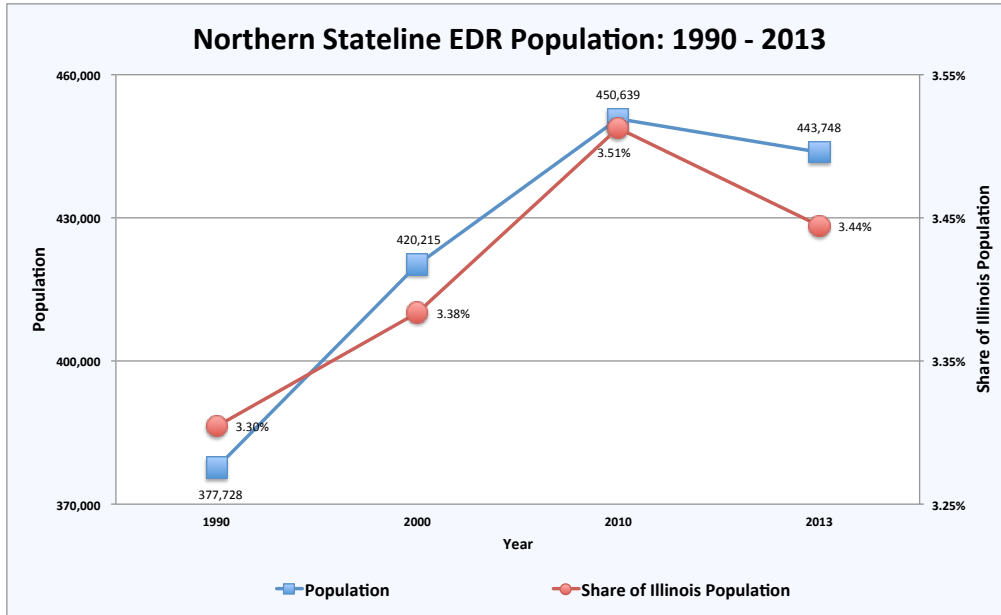
** Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

ATTACHMENT O - REGIONAL PLANNING DATA

Northern Stateline 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*
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%

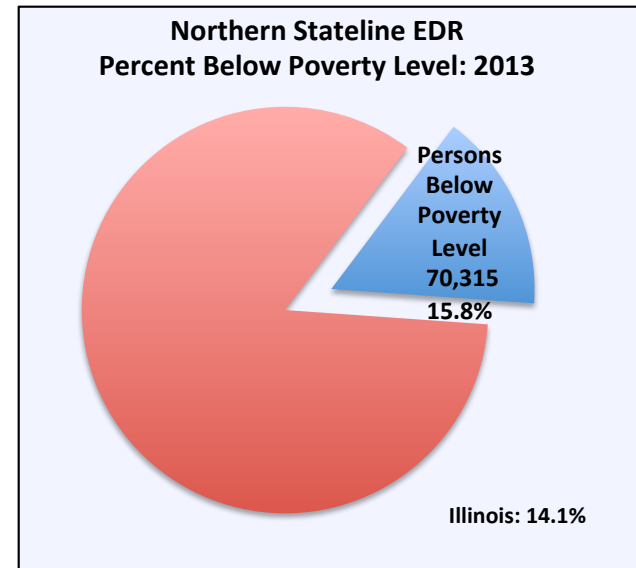
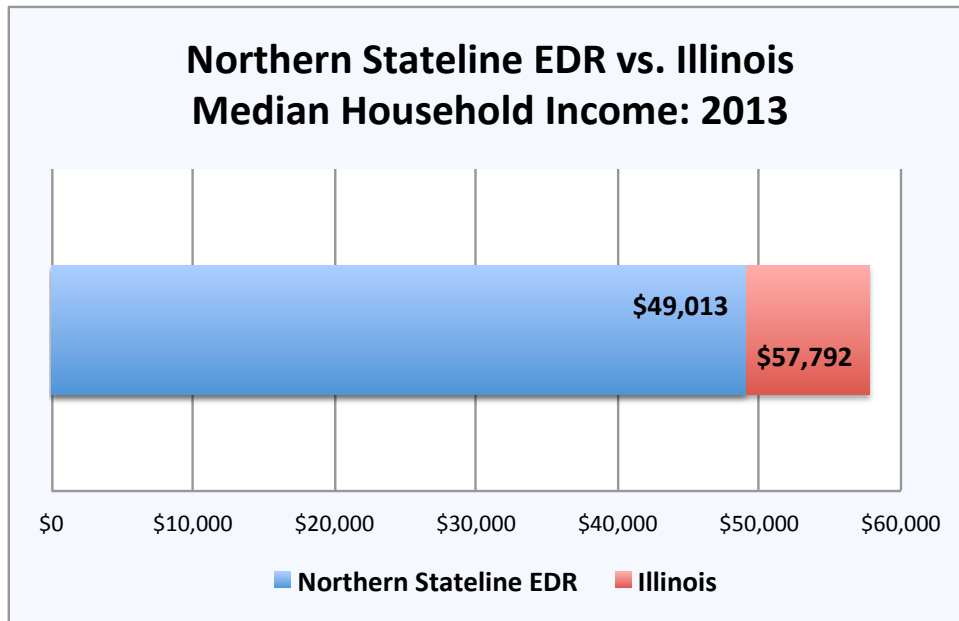
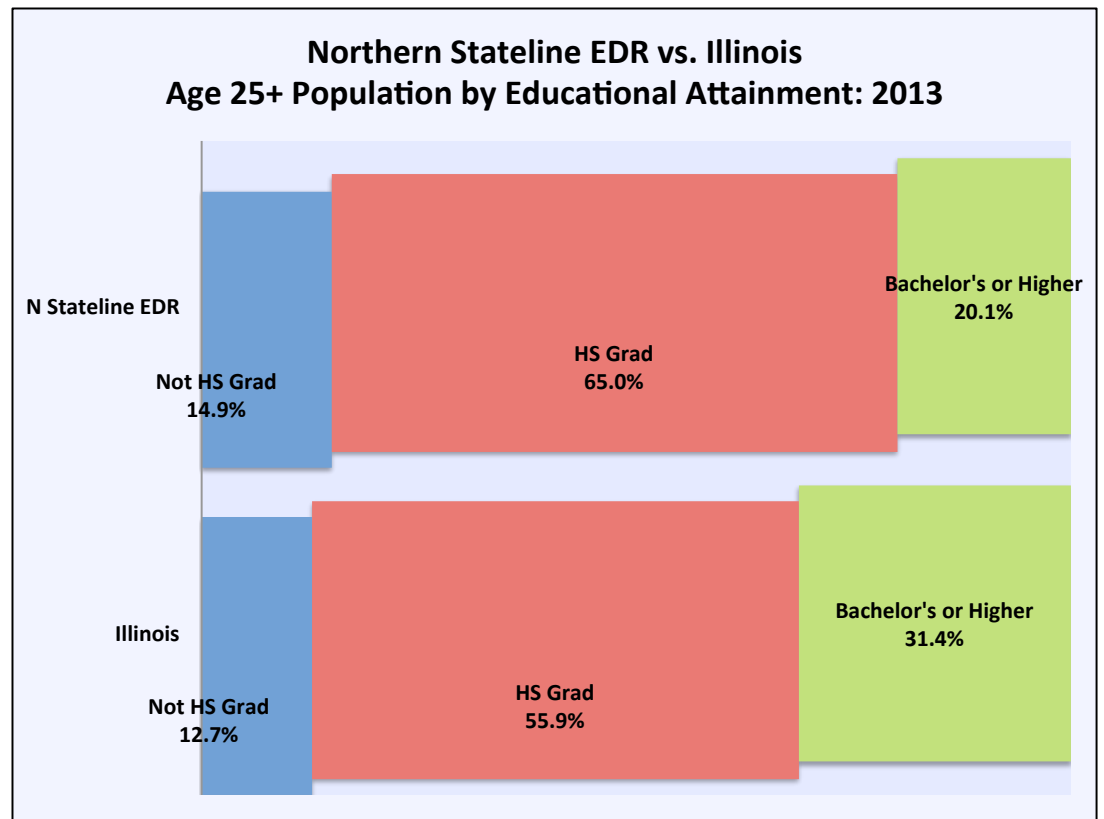
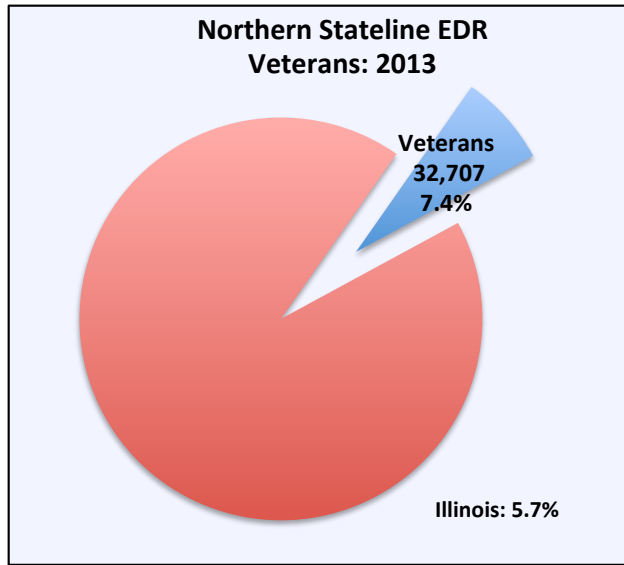
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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

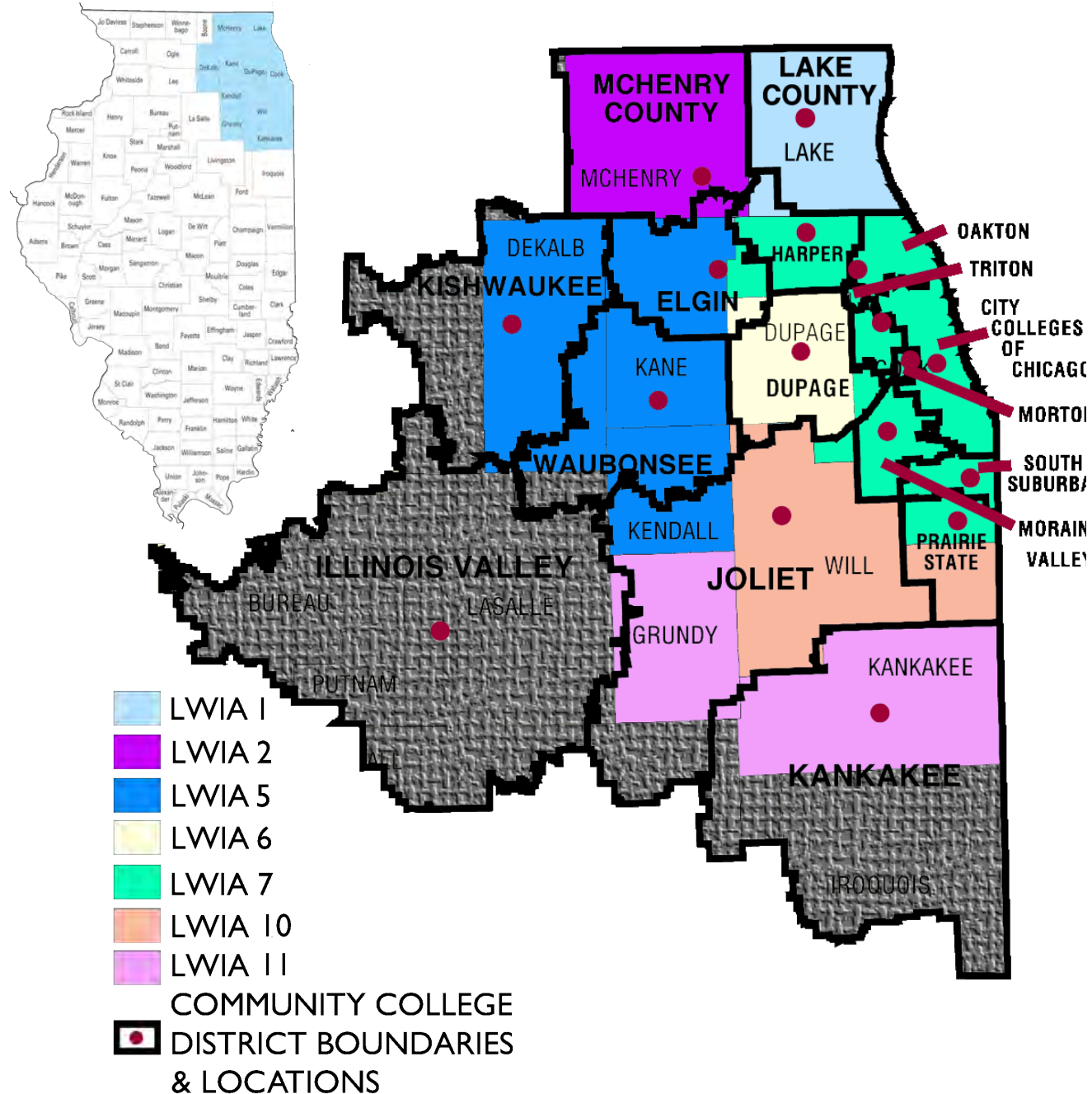
NORTHEAST ECONOMIC DEVELOPMENT REGION

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%
Total Population	8,776,163	

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

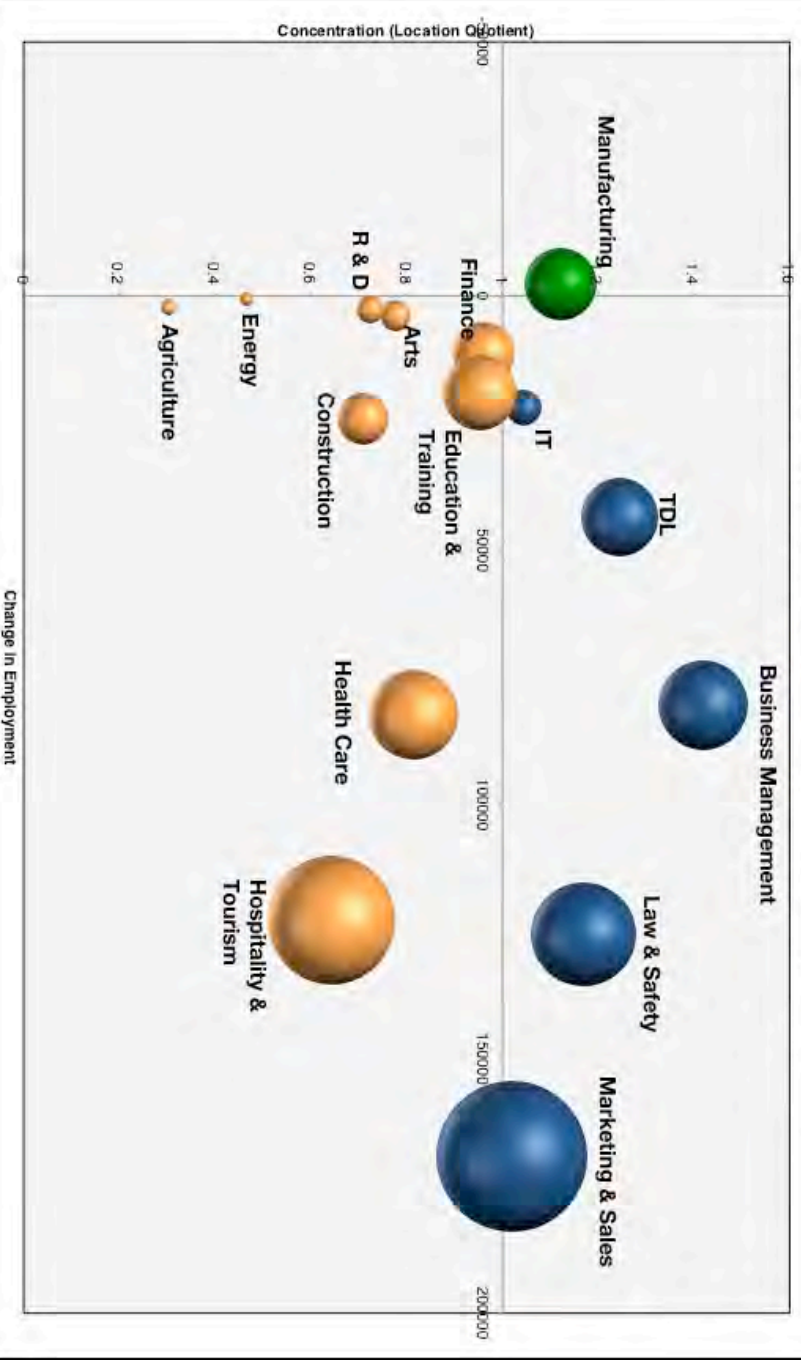


NORTHEAST REGION

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

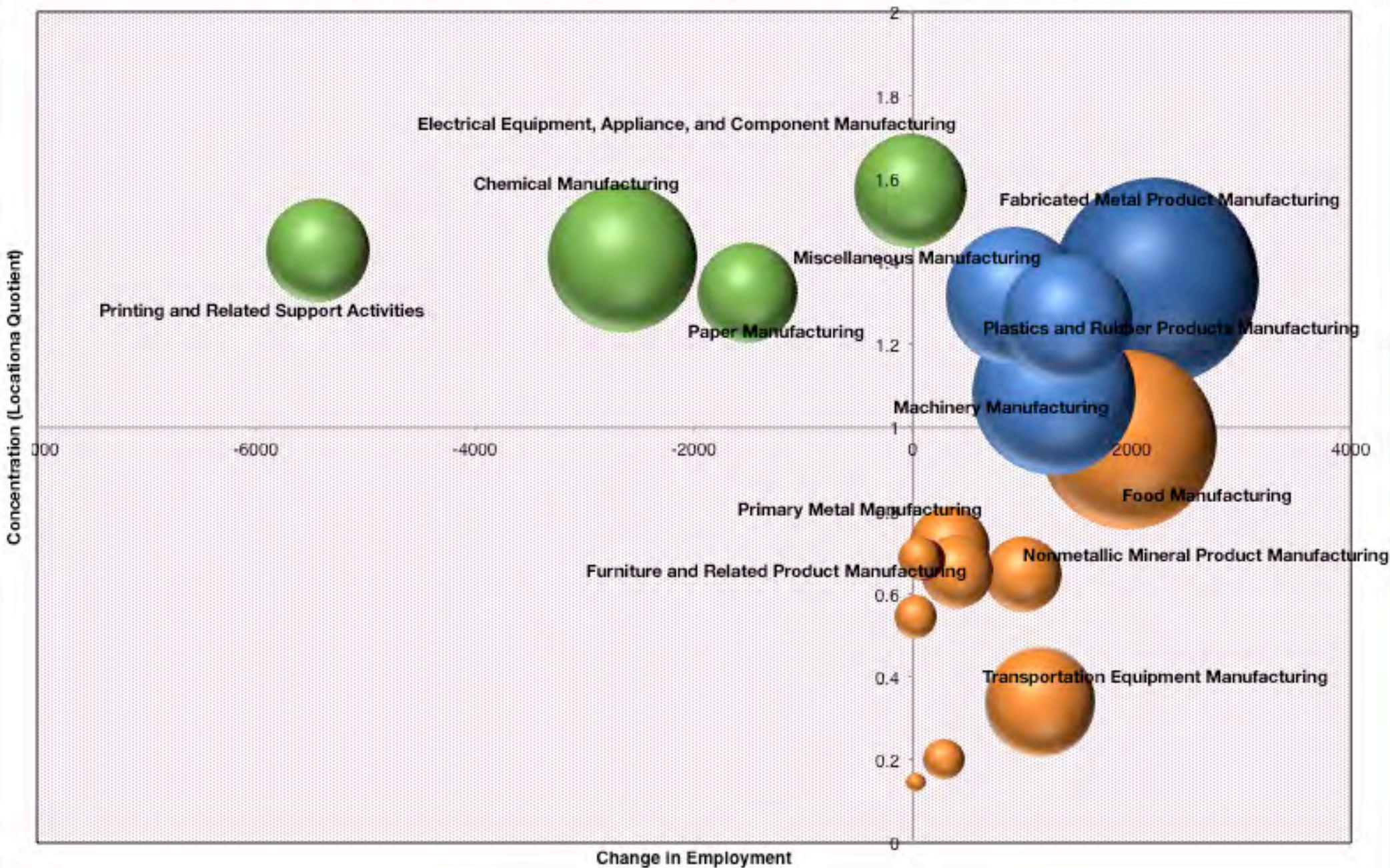
MAJOR INDUSTRY CLUSTERS IN THE NORTHEAST REGION



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	2022 Percent of Employment in this Industry		
						Annual Occupation Openings in Industry	that is in this Occupation	
311	Food Manufacturing					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					3	2.8	1.3
332	Fabricated Metal Product Manufacturing					10	11	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					1	0.6	0.2
325	Chemical Manufacturing					2	1.4	0.2
326	Plastics and Rubber Products Manufacturing					1	0.5	0.1
333	Machinery Manufacturing					1	0.6	0.1
334	Computer and Electronic Product Manufacturing					1	0.9	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					1	0.4	0.2
332	Fabricated Metal Product Manufacturing					3	2.1	0.3
333	Machinery Manufacturing					6	4.1	0.8
334	Computer and Electronic Product Manufacturing					17	11.5	2.5
335	Electrical Equipment, Appliance, and Component Manufacturing					2	1.2	0.8
336	Transportation Equipment Manufacturing					10	6.5	0.9
339	Miscellaneous Manufacturing					2	1.4	0.5
311	Food Manufacturing					1	0.1	0.1
322	Paper Manufacturing					1	0.1	0.9
325	Chemical Manufacturing					6	0.4	0.5
326	Plastics and Rubber Products Manufacturing					1	0.1	0.1
332	Fabricated Metal Product Manufacturing					1	0.1	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	0.2	0.2
325	Chemical Manufacturing					2	2.3	0.5
326	Plastics and Rubber Products Manufacturing					1	0.9	0.1
332	Fabricated Metal Product Manufacturing					1	1.4	0.2
333	Machinery Manufacturing					101	1	1.4
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					9	0.9	0.5
339	Miscellaneous Manufacturing					1	0.1	0.2
323	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					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					9	0.9	0.5
339	Miscellaneous Manufacturing					1	0.1	0.2
323	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					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					9	0.9	0.5
339	Miscellaneous Manufacturing					1	0.1	0.2
323	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					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					9	0.9	0.5
339	Miscellaneous Manufacturing					2	0.3	0.4
333	Machinery Manufacturing					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

ATTACHMENT C REGIONAL PLANNING DATA

339	Miscellaneous Manufacturing					467		
334	Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**		50	10.8	5.6
336	Transportation Equipment Manufacturing					14	3	1

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	Plastic 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	
314	Textile Product Mills					1	0.3	1.3	
315	Apparel Manufacturing					1	0.6	0.5	
321	Wood Product Manufacturing					2	0.9	0.8	
322	Paper Manufacturing					3	1.5	1	
323	Printing and Related Support Activities					5	2.6	1.1	
325	Chemical Manufacturing					3	1.5	0.7	
326	Plastic and Rubber Products Manufacturing					1	0.6	0.4	
327	Nonmetallic Mineral Product Manufacturing	Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**		201	2	1.1	0.9
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					2	1.1	1	
335	Electrical Equipment, Appliance, and Component Manufacturing					12	5.8	1.2	
336	Transportation Equipment Manufacturing					2	0.8	0.7	
337	Furniture and Related Product Manufacturing					3	1.5	0.9	
339	Miscellaneous Manufacturing					18	2.6	1.3	
311	Food Manufacturing					1	0.2	0.8	
312	Beverage and Tobacco Product Manufacturing					2	0.3	1.9	
313	Textile Mills					1	0.2	1.7	
314	Textile Product Mills					2	0.3	2.8	
315	Apparel Manufacturing					1	0.1	2.5	
316	Leather and Allied Product Manufacturing					3	0.5	0.9	
321	Wood Product Manufacturing					6	0.9	1.9	
322	Paper Manufacturing					9	1.3	2.1	
323	Printing and Related Support Activities					1	0.1	0.8	
324	Petroleum and Coal Products Manufacturing					13	1.9	1.8	
325	Chemical Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**		682	12	1.7	2
326	Plastic and Rubber Products Manufacturing					3	0.4	0.8	
327	Nonmetallic Mineral Product Manufacturing					5	0.7	1.4	
331	Primary Metal Manufacturing					27	3.9	1.8	
332	Fabricated Metal Product Manufacturing					17	2.5	1.7	
333	Machinery Manufacturing					10	1.5	1.1	
334	Computer and Electronic Product Manufacturing					5	0.8	1.8	
335	Electrical Equipment, Appliance, and Component Manufacturing					17	2.5	1.2	
336	Transportation Equipment Manufacturing					5	0.8	1.6	
337	Furniture and Related Product Manufacturing					10	1.5	2.1	
339	Miscellaneous Manufacturing					5	1.6	0.5	
311	Food Manufacturing					1	0.3	0.7	
312	Beverage and Tobacco Product Manufacturing					1	0.3	0.3	
311	Wood Product Manufacturing					2	0.5	0.7	
312	Paper Manufacturing					1	0.2	1.1	
314	Petroleum and Coal Products Manufacturing					3	1	0.6	
315	Chemical Manufacturing					2	0.6	0.5	
316	Plastic and Rubber Products Manufacturing					1	0.4	0.5	
327	Nonmetallic Mineral Product Manufacturing	Maintenance, Installation & Repair	49-1011	1st-Line Svcs/Mgr's, Mechanics/Installers**		330	2	0.7	1
331	Primary Metal Manufacturing					3	0.9	0.3	
332	Fabricated Metal Product Manufacturing					3	0.8	0.4	
333	Machinery Manufacturing					1	0.3	0.2	
334	Computer and Electronic Product Manufacturing					1	0.2	0.3	
335	Electrical Equipment, Appliance, and Component Manufacturing					4	1.1	0.4	
336	Transportation Equipment Manufacturing					1	0.3	0.2	
339	Miscellaneous Manufacturing					37	9.1	2.4	
311	Food Manufacturing					7	1.7	3.5	
312	Beverage and Tobacco Product Manufacturing					4	0.9	3.8	
313	Textile Mills					1	0.3	1.3	
314	Textile Product Mills								

ATTACHMENT O REGIONAL PLANNING DATA

321	Wood Product Manufacturing					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					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					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	1.1
311	Food Manufacturing					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					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					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

ATTACHMENT O REGIONAL PLANNING DATA

Production

51-2022

Electric/Electronic Equipment Assemblers**

88

7 8 1 2.2 0.8

87

2 2.6 0.7

51-2021

Structural Metal Fabricators & Erectors

23

3 0.9 2.8

2 0.7 4.4

2 0.7 4.3

1 0.3 3

7 2.5 3.7

6 2.2 3.8

8 2.9 3.9

3 0.9 5.1

14 4.9 3.9

13 4.5 4.4

7 2.3 3.3

8 2.8 4.5

32 11.1 4.3

17 5.7 3.3

9 3.1 1.9

5 1.7 3.2

21 7.2 2.9

7 2.5 4.1

9 3.2 3.5

1 0.6 0.1

5 6.1 1.1

40 45.8 8.9

15 17.5 10.1

7 8 1

2 2.2 0.8

43 49.1 2.8

11 12.7 1.1

2 2.6 0.7

49-9071

General Maintenance & Repair Workers**

909

8 0.9 2.3

5 0.5 1.9

10 1.1 4.4

13 1.4 1.4

8 0.9 1.3

4 0.4 0.7

3 0.3 1.6

11 1.2 1.2

3 0.3 1.1

4 0.4 1.1

23 7.8 3.2

3 0.9 2.8

2 0.7 4.4

2 0.7 4.3

1 0.3 3

7 2.5 3.7

6 2.2 3.8

8 2.9 3.9

3 0.9 5.1

14 4.9 3.9

13 4.5 4.4

7 2.3 3.3

8 2.8 4.5

32 11.1 4.3

17 5.7 3.3

9 3.1 1.9

5 1.7 3.2

21 7.2 2.9

7 2.5 4.1

9 3.2 3.5

1 0.6 0.1

5 6.1 1.1

40 45.8 8.9

15 17.5 10.1

7 8 1

2 2.2 0.8

43 49.1 2.8

11 12.7 1.1

2 2.6 0.7

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

1 0.1 1.3

5 0.5 1.7

5 0.5 2.2

2 0.2 0.7

1 0.1 1.5

11 1.2 2.4

8 0.9 2.3

5 0.5 1.9

10 1.1 4.4

13 1.4 1.4

8 0.9 1.3

4 0.4 0.7

3 0.3 1.6

11 1.2 1.2

3 0.3 1.1

4 0.4 1.1

23 7.8 3.2

3 0.9 2.8

2 0.7 4.4

2 0.7 4.3

1 0.3 3

7 2.5 3.7

6 2.2 3.8

8 2.9 3.9

3 0.9 5.1

14 4.9 3.9

13 4.5 4.4

7 2.3 3.3

8 2.8 4.5

32 11.1 4.3

17 5.7 3.3

9 3.1 1.9

5 1.7 3.2

21 7.2 2.9

7 2.5 4.1

9 3.2 3.5

1 0.6 0.1

5 6.1 1.1

40 45.8 8.9

15 17.5 10.1

7 8 1

2 2.2 0.8

43 49.1 2.8

11 12.7 1.1

2 2.6 0.7

49-9043

Maintenance Workers, Machinery**

91

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

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

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

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

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	2.7	1.3	
333	Machinery Manufacturing					9	16.3	1.2	
334	Computer and Electronic Product Manufacturing	Production	51-4081	Multiple Machine Tool Setters & Operators**		58	1	1.8	0.1
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	Production	51-4121	Welders, Cutters, Solderers & Brazers**		262	64	24.3	6.2
333	Machinery Manufacturing					35	13.2	4.9	
335	Electrical Equipment, Appliance, and Component Manufacturing					4	1.6	0.6	
336	Transportation Equipment Manufacturing					3	1.1	1.3	
337	Furniture and Related Product Manufacturing					33	12.5	3.3	
339	Miscellaneous Manufacturing					2	0.9	1	
331	Primary Metal Manufacturing					2	0.8	0.6	
332	Fabricated Metal Product Manufacturing					1	1.1	0.2	
333	Machinery Manufacturing					27	29.1	1.2	
334	Computer and Electronic Product Manufacturing					18	20	1.3	
335	Electrical Equipment, Appliance, and Component Manufacturing	Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**		92	1	1.2	0.1
336	Transportation Equipment Manufacturing					3	3.2	0.6	
337	Furniture and Related Product Manufacturing					25	2.7	1.2	
339	Miscellaneous Manufacturing					2	1.8	0.3	
313	Textile Mills					2	2.4	0.3	
314	Textile Product Mills					1	0.6	1.1	
322	Paper Manufacturing					1	0.5	1	
323	Printing and Related Support Activities	Production	51-5112	Printing Press Operators & Job Printers**		141	12	8.5	4.2
326	Plastics and Rubber Products Manufacturing					78	55.5	21.9	
339	Miscellaneous Manufacturing					4	3	0.9	
322	Paper Manufacturing					1	0.9	0.3	
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	51-8091	Chemical Plant & System Operators**		52	1	1.7	0.2
325	Chemical Manufacturing					2	3.4	1.1	
311	Food Manufacturing					48	91.5	4.2	
322	Paper Manufacturing					1	1	0	
324	Petroleum and Coal Products Manufacturing					2	2	0.3	
325	Chemical Manufacturing					3	2.5	1.3	
325	Chemical Manufacturing	Production	51-9011	Chemical Equipment Operators/Tenders		118	94	79.3	5.6
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	51-9023	Mix/Blend Machine Setters, Operators & Tenders		121	4	3	3.4
325	Chemical Manufacturing					7	6.25	6.7	
326	Plastics and Rubber Products Manufacturing					51	42.5	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					19	29.9	3.4	
327	Nonmetallic Mineral Product Manufacturing	Production	51-9041	Extruding/Forming/Compacting Machine Operators		64	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	
313	Textile Mills					4	0.9	4.6	
314	Textile Product Mills					2	0.4	2.4	
315	Apparel Manufacturing					2	0.4	2.9	
321	Wood Product Manufacturing					6	1.3	1.7	
322	Paper Manufacturing					5	1.1	1.6	
323	Printing and Related Support Activities					4	0.9	1.1	
324	Petroleum and Coal Products Manufacturing					1	0.3	1.2	
325	Chemical Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers		454	22	4.8	3.2
326	Plastics and Rubber Products Manufacturing					25	5.6	4.7	
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			50	11.8	6
326	Plastics and Rubber Products Manufacturing		51-9111	Packaging & Filling Machine Operators & Tenders	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	51-9199	Production Workers, All Other	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

ATTACHMENT O - REGIONAL PLANNING DATA

Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	201	1	0.3	0.5	\$46,716	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	0.3	1				
				1	0.6	1.3				
				2	0.9	0.8				
				3	1.5	1				
				5	2.6	1.1				
				3	1.5	0.7				
				1	0.6	0.4				
				2	1.1	0.9				
				8	4	0.8				
				7	3.4	1				
				2	1.1	1				
				12	5.8	1.2				
2	0.8	0.7								
3	1.5	0.9								
18	2.6	1.3								
1	0.2	0.8								
2	0.3	1.9								
1	0.2	1.7								
2	0.3	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								
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								
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								
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								
55	5	0.2	\$47,388	Associate's degree	None	Moderate-term on-the-job training				
Maintenance, Installation & Repair	49-9062	Medical Equipment Repairers								
Maintenance, Installation & Repair	49-9043	Maintenance Workers, Machinery**	91	1	1	0.2	\$47,703	High school diploma or equivalent	None	Moderate-term on-the-job training
				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				
				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	0.7								
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								
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								
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	406				\$56,135	High school diploma or equivalent	None	Long-term on-the-job training
Maintenance, Installation & Repair	49-1011	1st-Line Spvcs/Mgrs, Mechanics/Installers**	330				\$70,566	High school diploma or equivalent	1 to 5 years	None
ATTACHMENT C - REGIONAL PLANNING DATA										

Production	51-4031	Cutting, Punching & Press Machine Operators	80	6	7.6	2.2	\$27,777	High school diploma or equivalent	None	Moderate term on-the-job training
				5	5.9	2.8				
				25	31.5	3.6				
				8	9.6	1.6				
				2	2.5	0.4				
				2	3.1	1.6				
				10	12.9	1.5				
				2	2.8	1.3				
2	2.9	0.9								
2	3.8	0.4								
1	1.5	0.2								
7	12	2.1								
22	38.8	1.6								
57	17.6	1.1								
10	1.8	0.4								
1	1.8	0.4								
7	11.8	0.5								
3	6	0.7								
3	6	0.7								
1	0.1	0								
1	0.1	0.3								
1	0.1	0.1								
1	0.1	0.1								
3	0.4	0.5								
1	0.1	0.1								
1	0.2	1								
5	0.7	0.4								
10	1.5	1.1								
649	5	0.7								
12	1.9	2.2								
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								
58	1	1.8								
3	5.6	1.3								
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								
35	13.2	4.9								
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								
12	8.5	4.2								
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	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91.5	4.2								
52	2	3.4								
1	1	0								
2	2	0.3								
3	2.5	1.3								
94	79.3	5.6								
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								
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								
52	2	3.4								
48	91									

Production	51-9041	Etching/Forming/Compacting Machine Operators	64	3	4.1	0.8	\$55,023	High school diploma or equivalent	None	Moderate term on-the-job training
				7	10.6	1				
				19	29.9	3.4				
				15	23.2	3.9				
				1	1.7	0.3				
				1	1.6	0.1				
				1	0.9	0.2				
				1	0.8	0				
				3	4.5	0.6				
				30	6.6	2.2				
				3	0.7	1.9				
				4	0.9	4.6				
				2	0.4	2.4				
				2	0.4	2.9				
				6	1.3	1.7				
5	1.1	1.6								
4	0.9	1.1								
1	0.3	1.2								
22	4.8	3.2								
25	5.6	4.7								
8	1.8	2.1								
10	2.3	3.2								
40	8.9	2.9								
21	4.7	2.3								
25	5.4	2.8								
9	2	3								
45	10	3.4								
5	1	1.3								
13	2.9	2.7								
127	30.3	7.8								
22	5.2	10.3								
1	0.3	1.3								
1	0.2	0.8								
3	0.6	0.6								
8	1.9	2.1								
4	0.9	0.8								
2	0.4	1.5								
50	11.8	6								
15	3.6	2.2								
5	1.3	1.2								
3	0.6	0.6								
7	1.6	0.4								
2	0.4	0.5								
2	0.4	0.1								
1	0.3	0.4								
7	1.6	1.1								
62	10.9	2								
2	0.3	0.5								
1	0.1	0.4								
1	0.1	0.4								
1	0.1	0.2								
1	0.2	2.1								
10	1.7	1.1								
14	2.4	1.8								
5	0.9	0.5								
1	0.2	0.5								
20	3.5	1.2								
14	2.4	1								
12	2.1	1.3								
10	1.7	1.2								
22	3.8	0.7								
17	2.9	0.7								
7	1.3	0.4								
8	1.4	1.1								
27	4.8	0.9								
4	0.7	0.5								
16	2.8	1.4								
Production	51-9199	Production Workers, All Other	570			\$31,298	High school diploma or equivalent	None	Moderate term on-the-job training	
Production	51-9011	Packaging & Filling Machine Operators & Tenders	420			\$23,403	High school diploma or equivalent	None	Moderate term on-the-job training	

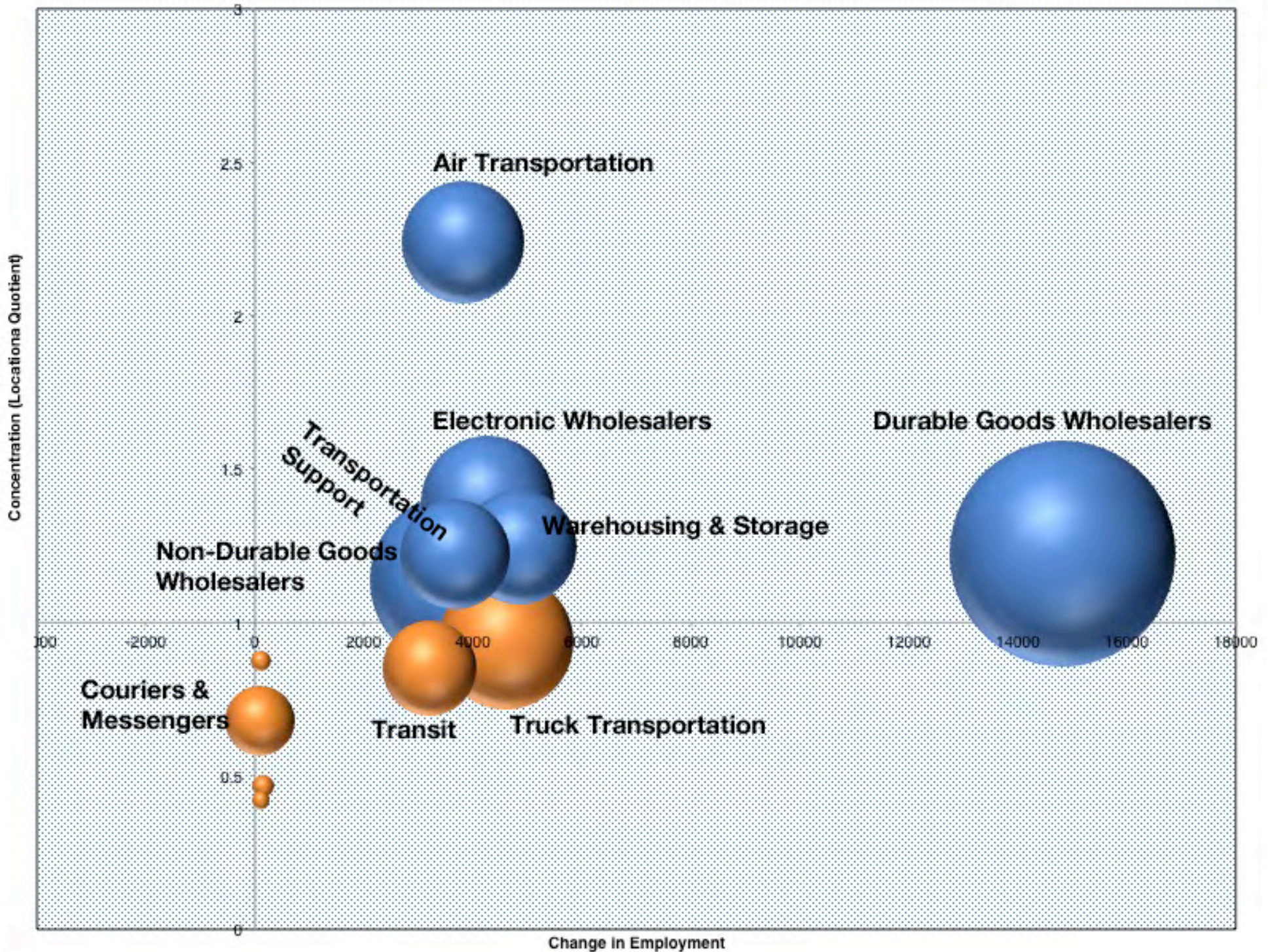
ATTACHMENT O - REGIONAL PLANNING DATA

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

ATTACHMENT O - REGIONAL PLANNING DATA

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTHEASTERN REGION



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

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry		2022 Percent of Industry	
						2022	Percent of Industry	2022	Percent of Industry
423	Merchant Wholesalers, Durable Goods					5	5.9	0.1	0.1
424	Merchant Wholesalers, Nondurable Goods				78	4	4.6	0.2	0.2
425	Wholesale Electronic Markets and Agents and Brokers	Logistics Planning and Management Services	11-3061	Purchasing Managers**		1	1.3	0.1	0.1
423	Merchant Wholesalers, Durable Goods					7	6.2	0.2	0.2
424	Merchant Wholesalers, Nondurable Goods					10	8.6	0.5	0.5
425	Wholesale Electronic Markets and Agents and Brokers					2	1.4	0.1	0.1
481	Air Transportation					3	2.2	0.6	0.6
482	Rail Transportation					5	3.8	1.9	1.9
483	Water Transportation	Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Managers**	120	1	0.5	0.7	0.7
484	Truck Transportation					12	10	0.7	0.7
485	Transit and Ground Passenger Transportation					1	1.2	0.3	0.3
488	Support Activities for Transportation					6	5.2	0.8	0.8
492	Couriers and Messengers					4	3.1	0.7	0.7
493	Warehousing and Storage					11	9.1	1.3	1.3
424	Merchant Wholesalers, Nondurable Goods		13-1041	Compliance Officers**	94	1	1	0.1	0.1
424	Merchant Wholesalers, Nondurable Goods	Health, Safety and Environmental Management				1	1	0.1	0.1
423	Merchant Wholesalers, Durable Goods					4	3.6	0.2	0.2
424	Merchant Wholesalers, Nondurable Goods					2	2.3	0.2	0.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.2	0.2	0.2
481	Air Transportation					1	0.6	0.2	0.2
484	Truck Transportation	Logistics Planning and Management Services	13-1081	Logisticians**	101	1	1.2	0.1	0.1
488	Support Activities for Transportation					2	1.6	0.3	0.3
492	Couriers and Messengers					1	0.5	0.1	0.1
493	Warehousing and Storage					2	2.1	0.4	0.4
423	Merchant Wholesalers, Durable Goods					3	1.8	0.1	0.1
424	Merchant Wholesalers, Nondurable Goods					1	0.5	0.1	0.1
425	Wholesale Electronic Markets and Agents and Brokers	Warehousing and Distribution Center Operations	17-2112	Industrial Engineers (Supply Chain Engineer)	184	1	0.3	0.1	0.1
492	Couriers and Messengers					1	0.3	0.2	0.2
493	Warehousing and Storage					1	0.7	0.2	0.2
423	Merchant Wholesalers, Durable Goods					5	5.2	0.3	0.3
425	Wholesale Electronic Markets and Agents and Brokers	Transportation Systems/Infrastructure Planning, Mgt. a	17-3023	Electrical & Electronic Engineering Technicians**	89	1	0.7	0.1	0.1
423	Merchant Wholesalers, Durable Goods					27	2.5	1.3	1.3
424	Merchant Wholesalers, Nondurable Goods					17	1.6	1.2	1.2
425	Wholesale Electronic Markets and Agents and Brokers					9	0.8	1.2	1.2
481	Air Transportation					7	0.6	2.3	2.3
482	Rail Transportation	Logistics Planning and Management Services	43-1011	1st-Line Supvrs./Mgns. Office & Adm. Support Wkcs**	1,086	1	0.1	0.5	0.5
484	Truck Transportation					7	0.6	0.6	0.6
485	Transit and Ground Passenger Transportation					2	0.2	0.6	0.6
488	Support Activities for Transportation					11	1	2.3	2.3
492	Couriers and Messengers					7	0.6	2.1	2.1
493	Warehousing and Storage					8	0.7	1.3	1.3
481	Air Transportation					38	58.2	17.2	17.2
485	Transit and Ground Passenger Transportation	Sales and Service	43-4181	Reservation/Trans. Ticket Agents & Travel Clerks	65	1	0.9	1.5	1.5
487	Septic and Sightseeing Transportation					3	3.9	0.9	0.9
488	Support Activities for Transportation					1	1	3.9	3.9
424	Merchant Wholesalers, Nondurable Goods					3	4.9	0.9	0.9
425	Wholesale Electronic Markets and Agents and Brokers					1	0.4	0	0
481	Air Transportation					1	0.3	0	0
482	Rail Transportation					21	9.5	2.1	2.1
483	Water Transportation	Sales and Service	43-5011	Cargo & Freight Agents (Route Planners)	226	1	0.3	0.1	0.1
484	Truck Transportation					3	1.2	1.5	1.5
488	Support Activities for Transportation					19	8.3	0.5	0.5
492	Couriers and Messengers					144	63.6	8.4	8.4
493	Warehousing and Storage					17	7.6	1.4	1.4
423	Merchant Wholesalers, Durable Goods					5	2.9	0.2	0.2
424	Merchant Wholesalers, Nondurable Goods					6	2.9	0.2	0.2
425	Wholesale Electronic Markets and Agents and Brokers					4	1.9	0.2	0.2
481	Air Transportation					1	0.4	0.1	0.1
482	Rail Transportation					2	0.8	0.4	0.4
484	Truck Transportation	Transportation Operations	43-5032	Dispatchers**	207	3	1.4	1.4	1.4
485	Transit and Ground Passenger Transportation					37	17.9	2.6	2.6
488	Support Activities for Transportation					16	7.8	3.2	3.2
492	Couriers and Messengers					16	7.9	2.4	2.4
493	Warehousing and Storage					6	3.1	1.3	1.3
42	Wholesale Trade					2	1.2	0.3	0.3
423	Merchant Wholesalers, Durable Goods					17	8.3	0.4	0.4
424	Merchant Wholesalers, Nondurable Goods					8	4	0.4	0.4
425	Wholesale Electronic Markets and Agents and Brokers					6	3.1	0.4	0.4
481	Air Transportation					2	1.2	0.3	0.3
482	Rail Transportation					3	1.4	0.4	0.4
484	Truck Transportation	Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerks**	201	1	0.6	0.4	0.4
488	Support Activities for Transportation					1	0.7	0.1	0.1
492	Couriers and Messengers					3	1.4	0.6	0.6
493	Warehousing and Storage					1	0.5	0.3	0.3
423	Merchant Wholesalers, Durable Goods					4	2.1	0.8	0.8
424	Merchant Wholesalers, Nondurable Goods					92	13.5	3.2	3.2
425	Wholesale Electronic Markets and Agents and Brokers					53	7.8	2.7	2.7
481	Air Transportation					18	2.7	1.7	1.7
483	Water Transportation	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	682	1	0.1	0.2	0.2
484	Truck Transportation					1	0.1	0.5	0.5
488	Support Activities for Transportation					6	0.9	0.4	0.4
						12	1.8	1.8	1.8

ATTACHMENT O - REGIONAL PLANNING DATA

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

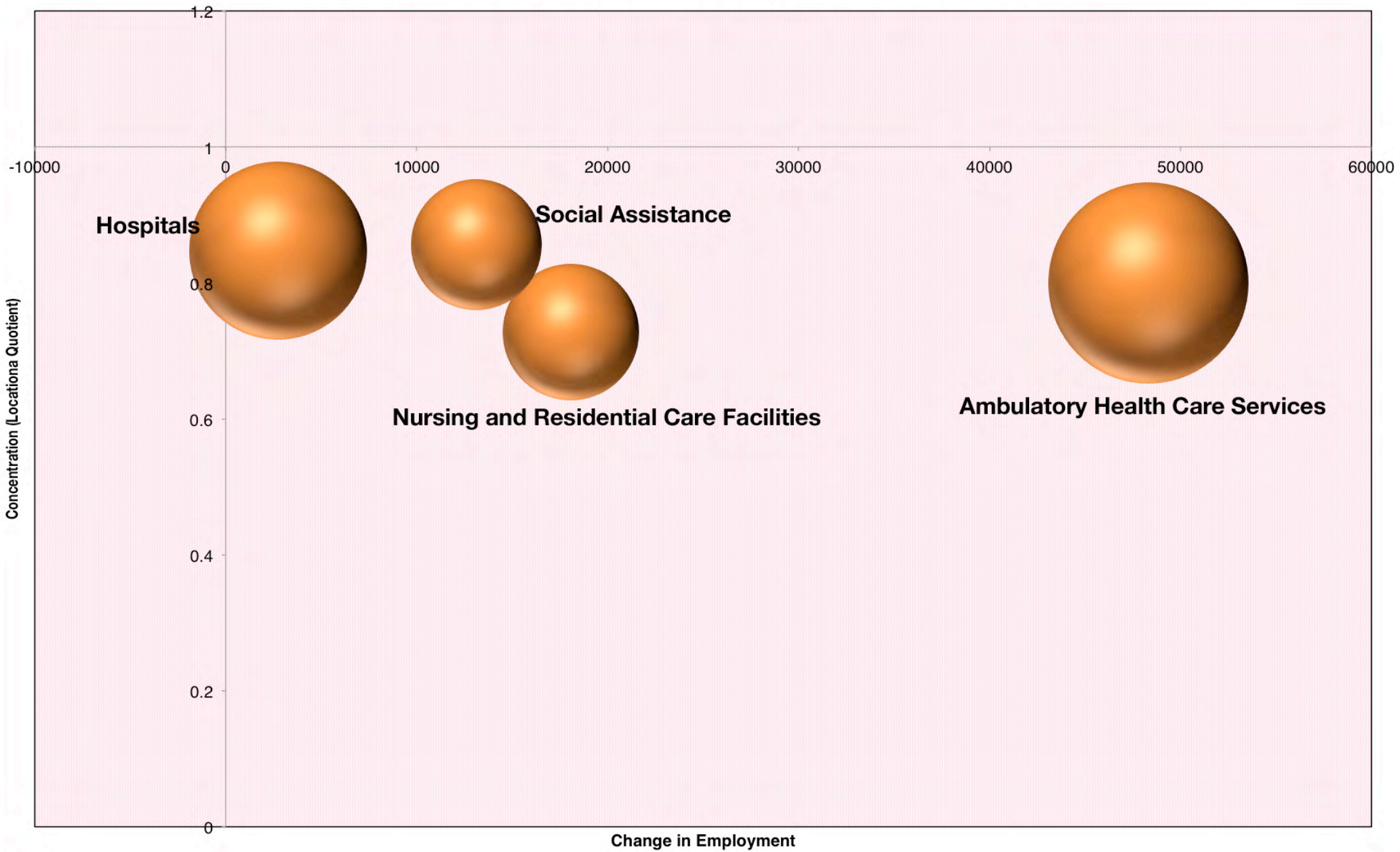
NAICS	SOC Code	SOC Title	Average Annual Job Openings in Occupations	Annual Occupational Employment in 2022 Percent		Median Annual Wage	Education Entry Level	Experience Entry Level	Training Entry Level	
				2022 Percent	2022 Percent					
				2022	2023					
				5	5.2	0.1				
				4	4.6	0.2				
				1	1.3	0.1				
Logistics Planning and Management Services	11-3001	Purchasing Managers**	78	7	6.2	0.2			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				
Warehousing and Distribution Center Operations	11-3071	Transportation, Storage & Distribution Managers**	120	11	9.1	1.3			More than 5 year	None
				1	1	0.1				
				1	1	0.1				
				4	3.6	0.2				
				2	2.3	0.2				
				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				
Health, Safety and Environmental Management	13-1041	Compliance Officers**	94	3	1.8	0.1			None	Moderate-term on-the-job training
				1	0.5	0.1				
				1	0.3	0.1				
				1	0.3	0.1				
				1	0.3	0.1				
				1	0.3	0.2				
				1	0.2	0.2				
				5	5.2	0.9				
				0.7	0.1					
				1	0.7	0.1				
Logistics Planning and Management Services	13-1081	Logisticians**	101	2	2.1	0.4			1 to 5 years	None
				3	1.8	0.1				
				1	0.5	0.1				
				1	0.3	0.1				
				1	0.3	0.1				
				1	0.3	0.2				
				1	0.2	0.2				
				5	5.2	0.9				
				0.7	0.1					
				1	0.7	0.1				
Warehousing and Distribution Center Operations	17-2112	Industrial Engineers (Supply Chain Engineer)	184	1	0.5	0.1			None	None
				1	0.3	0.1				
				1	0.3	0.1				
				1	0.3	0.2				
				1	0.2	0.2				
				1	0.2	0.2				
				1	0.2	0.2				
				5	5.2	0.9				
				0.7	0.1					
				1	0.7	0.1				
Transportation System/Infrastructure Planning, Mgr at 17-3023	Electrical & Electronic Engineering Technicians**	89	1	0.7	0.1			None	None	
			5	5.2	0.9					
			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					
			1	0.6	0.6					
			2	0.2	0.6					
			11	1	2.3					
Logistics Planning and Management Services	43-3011	1st-Line Supervisors/Office & Admin Support Wks**	1,086	8	0.7	1.3			1 to 5 years	None
				38	8.2	17.2				
				1	0.3	1.5				
				3	3.9	0.9				
				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				
Sales and Service	43-3011	Cargo & Freight Agents (Route Planners)	226	3	1.2	1.5			None	Short-term on-the-job training
				19	8.3	0.5				
				144	63.6	8.4				
				117	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				
Warehousing and Distribution Center Operations	43-5051	Production, Planning, & Expediting Clerks**	201	1	0.7	0.1			None	Moderate-term on-the-job training
				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				
				1	0.1	0.2				
				6	0.5	0.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	682	13	1.8	1.8			None	Short-term on-the-job training
				34	5	7.2				
				33	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				
				1	0.6	0.1				
				1	0.5	0.1				
Facility and Mobile Equipment Maintenance	49-3011	Aircraft Mechanics & Service Technicians	91	1	1.7	0.4			None	Moderate-term on-the-job training
				2	0.3	0.2				
				3	0.5	0.2				
				3	0.4	0.6				
				3	0.8	0.9				
				1	0.2	0.3				
				1	0.1	0.1				
				21	10.6	1				
				5	2.4	0.3				
				1	0.7	0.2				
Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	667	3	0.4	0.6			None	Long-term on-the-job training
				3	0.4	0.6				
				2	0.8	0.9				
				1	0.2	0.3				
				1	0.1	0.1				
				21	10.6	1				
				5	2.4	0.3				
				1	0.7	0.2				
				1	0.3	0.2				
				2	0.9	1.2				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	197	37	18.6	3.5			None	Long-term on-the-job training
				10	5	2.6				
				3	1.6	0.6				

ATTACHMENT O - REGIONAL PLANNING 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	2022 Percent of Employment in this Industry	
						Annual Occupation Openings in this Industry	2022 Percent of Employment in this Industry
621	Ambulatory Health Care Services				17	5.9	0.2
622	Hospitals				17	6	0.3
623	Nursing and Residential Care Facilities		11-3011	Administrative Services Managers **	281	7	2.5
624	Social Assistance				5	1.7	0.2
622	Hospitals				1	0.6	0
623	Nursing and Residential Care Facilities		11-9051	Food Service Managers**	176	4	2.2
624	Social Assistance				1	0.3	0
621	Ambulatory Health Care Services				90	30	1.3
622	Hospitals				109	36.4	2.1
623	Nursing and Residential Care Facilities		11-9111	Medical & Health Services Managers	299	32	10.8
624	Social Assistance				6	1.9	0.2
621	Ambulatory Health Care Services				17	29.1	0.4
622	Hospitals				5	8.4	0.1
623	Nursing and Residential Care Facilities		21-1011	Substance Abuse/Behavioral Disorder Counselors**	58	13	2.2
624	Social Assistance				9	15.1	0.5
621	Ambulatory Health Care Services				41	30.4	0.6
622	Hospitals				14	10	0.3
623	Nursing and Residential Care Facilities		21-1014	Mental Health Counselors**	135	24	17.6
624	Social Assistance				27	20.1	0.9
622	Hospitals				2	2.8	0.1
624	Social Assistance		21-1015	Rehabilitation Counselors	84	38	45.7
621	Ambulatory Health Care Services				27	25.1	0.5
622	Hospitals				2	0.7	0.1
623	Nursing and Residential Care Facilities		21-1022	Medical Health Social Workers	106	30	28.4
624	Social Assistance				16	15.1	0.7
621	Ambulatory Health Care Services				15	14.6	0.7
622	Hospitals				21	8	0.4
623	Nursing and Residential Care Facilities		21-1093	Social & Human Services Assistants**	263	8	3.1
624	Social Assistance				45	17.1	2
621	Ambulatory Health Care Services				107	40.7	5.1
622	Hospitals				10	18.3	0.1
623	Nursing and Residential Care Facilities		21-1094	Community Health Workers	55	4	7.7
624	Social Assistance				3	5.7	0.1
621	Ambulatory Health Care Services				16	28.7	0.4
622	Hospitals				5	4.4	0.1
623	Nursing and Residential Care Facilities		21-1099	Community/Social Services Specialists, All Other	115	4	3.2
624	Social Assistance				4	3.8	0.1
621	Ambulatory Health Care Services				30	25.9	0.9
622	Hospitals				46	69.4	0.4
623	Nursing and Residential Care Facilities		29-1011	Chiropractors	66	1	0.8
624	Social Assistance				1	0.4	0
621	Ambulatory Health Care Services				53	76.3	0.4
622	Hospitals		29-1041	Optometrists	69	1	0.9
623	Nursing and Residential Care Facilities				11	4.2	0.2
624	Social Assistance				63	25.3	1.3
621	Ambulatory Health Care Services				1	0.2	0
622	Hospitals				52	71.4	1
623	Nursing and Residential Care Facilities		29-1071	Physician Assistants	73	14	19.6
624	Social Assistance				43	39.9	0.7
621	Ambulatory Health Care Services				29	26.2	0.6
622	Hospitals		29-1122	Occupational Therapists	109	10	9
623	Nursing and Residential Care Facilities				4	3.9	0.2
624	Social Assistance				225	56.3	1.8
621	Ambulatory Health Care Services				100	25	1
622	Hospitals		29-1123	Physical Therapists	399	27	6.7
623	Nursing and Residential Care Facilities				5	1.2	0.1
624	Social Assistance				5	7.6	0.1
621	Ambulatory Health Care Services				49	79.8	1.7
622	Hospitals		29-1126	Respiratory Therapists	61	3	4.1
623	Nursing and Residential Care Facilities				46	28.4	0.5
624	Social Assistance				22	13.6	0.3
621	Ambulatory Health Care Services				8	4.9	0.2
622	Hospitals		29-1127	Speech-Language Pathologists	163	7	4.2
623	Nursing and Residential Care Facilities				7	2	0.2
624	Social Assistance				482	20.1	7.4
621	Ambulatory Health Care Services				1,421	59.2	28.9
622	Hospitals		29-1141	Registered Nurses	2400	168	7
623	Nursing and Residential Care Facilities				22	0.9	0.8
624	Social Assistance				68	62	1
621	Ambulatory Health Care Services				28	25.4	0.6
622	Hospitals		29-1171	Nurse Practitioners	109	3	2.4
623	Nursing and Residential Care Facilities				3	0.1	0.1
624	Social Assistance				1	0.8	0

Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Employment in this Industry			Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				Annual Occupation Openings in this Industry	Annual Occupation in this Industry	2022 Percent of Employment in this Occupation				
Health Informatics	11-3011	Administrative Services Managers **	281	17	5.9	0.2	\$70,845	High school diploma or equivalent	1 to 5 years	None
				17	6	0.3				
				7	2.5	0.2				
				5	1.7	0.2				
				1	0.6	0				
Support Services	11-9051	Food Service Managers**	176	4	2.2	0.2	\$48,164	High school diploma or equivalent	1 to 5 years	None
				1	0.3	0				
Health Informatics	11-9111	Medical & Health Services Managers	299	90	30	1.3	\$100,758	Bachelor's degree	None	None
				109	36.4	2.1				
				32	10.8	1.1				
				6	1.9	0.2				
				17	29.1	0.4				
				5	8.4	0.1				
Support Services	21-1011	Substance Abuse/Bhwt Dsrdr Counslr**	58	13	22	0.7	\$33,954	High school diploma or equivalent	None	Moderate-term on-the-job training
				9	15.1	0.5				
				41	30.4	0.6				
				14	10	0.3				
				24	17.6	0.7				
Support Services	21-1014	Mental Health Counselors**	135	27	20.1	0.9	\$39,378	Master's degree	None	Internship/residency
				2	2.8	0.1				
Support Services	21-1015	Rehabilitation Counselors	84	38	45.7	1.8	\$34,975	Master's degree	None	None
				27	25.1	0.5				
				30	28.4	0.8				
Support Services	21-1022	Medical Health Social Workers	106	16	15.1	0.7	\$53,590	Master's degree	None	None
				15	14.6	0.7				
				21	8	0.4				
				8	3.1	0.2				
				45	17.1	2				
Support Services	21-1093	Social & Human Services Assistants**	263	107	40.7	5.1	\$30,257	High school diploma or equivalent	None	Short-term on-the-job training
				10	18.3	0.1				
				4	7.7	0.1				
				3	5.7	0.1				
				16	28.7	0.4				
Support Services	21-1094	Community Health Workers	55	4	7.7	0.1	\$35,788	High school diploma or equivalent	None	Short-term on-the-job training
				3	5.7	0.1				
				16	28.7	0.4				
Support Services	21-1099	Community/Social Services Specialists, All Other	115	5	4.4	0.1	\$37,798	Master's degree	None	None
				4	3.2	0.1				
				4	3.8	0.1				
				30	25.9	0.9				
				46	69.4	0.4				
Therapeutic Services	29-1011	Chiropractors	66	1	0.8	0	\$50,005	Doctoral or professional degree	None	None
				53	76.3	0.4				
Therapeutic Services	29-1041	Optometrists	69	1	0.9	0	\$90,843	Doctoral or professional degree	None	None
				11	4.2	0.2				
Therapeutic Services	29-1051	Pharmacists	250	63	25.3	1.3	\$121,701	Doctoral or professional degree	None	None
				1	0.2	0				
Therapeutic Services	29-1071	Physician Assistants	73	52	71.4	1	\$86,551	Master's degree	None	None
				14	19.6	0.4				
				43	39.9	0.7				
				29	26.2	0.6				
				10	9	0.3				
Therapeutic Services	29-1122	Occupational Therapists	109	4	3.9	0.2	\$80,570	Master's degree	None	None
				225	56.3	1.8				
				100	25	1				
				27	6.7	0.5				
				5	1.2	0.1				
Therapeutic Services	29-1123	Physical Therapists	399	100	25	1	\$80,579	Doctoral or professional degree	None	None
				27	6.7	0.5				
				5	1.2	0.1				
				5	7.6	0.1				
				49	79.8	1.7				
Therapeutic Services	29-1126	Respiratory Therapists	61	3	4.1	0.1	\$56,178	Associate's degree	None	None
				46	28.4	0.5				
				22	13.6	0.3				
Therapeutic Services	29-1127	Speech-Language Pathologists	163	8	4.9	0.2	\$72,907	Master's degree	None	None
				7	4.2	0.2				
				482	20.1	7.4				
				1,421	59.2	28.9				
				168	7	5.8				
Therapeutic Services	29-1141	Registered Nurses	2,400	22	0.9	0.8	\$71,914	Associate's or Bachelor's degree	None	None
				68	62	1				
				28	25.4	0.6				
				3	2.4	0.1				
				1	0.8	0				
Therapeutic Services	29-1171	Nurse Practitioners	109	1	0.8	0	\$92,698	Master's degree	None	None
				33	32.3	0.7				
				58	57	1.6				
Diagnostic Services	29-2011	Med & Clinical Lab Technologists	101	79	44.3	1.1	\$59,681	Bachelor's degree	None	None
				79	44.3	1.1				
				74	41.4	1.3				
Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	178	1	0.5	0	\$42,546	Associate's degree	None	None
				1	0.5	0				
				204	97.4	2.8				
Therapeutic Services	29-2021	Dental Hygienists	209	1	0.3	0	\$73,703	Associate's degree	None	None
				1	0.3	0				

ATTACHMENT O - REGIONAL PLANNING DATA

Diagnostic Services	29-2032	Diagnostic Medical Sonographers	65	26	39.9	0.4	\$76,570	Associate's degree	None	None
				36	55.8	0.7				
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	113	41	36.7	1	\$62,511	Associate's degree	None	None
				64	56.9	2.1				
Therapeutic Services	29-2041	Emergency Medical Technics & Paramedics	326	179	55	1.8	\$52,893	Postsecondary non-degree award	None	None
				50	15.2	0.7				
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				
Therapeutic Services	29-2071	Med Records & Health Info Technicians	206	1	0.2	0	\$37,419	Postsecondary non-degree award	None	None
				205	28.9	3				
Health Informatics	29-2081	Opticians, Dispensing	129	116	16.3	2.3	\$33,556	High school diploma or equivalent	None	Long-term on-the-job training
				13	20.5	0.2				
Health Informatics	29-9091	Athletic Trainers**	67	8	12.6	0.1	\$42,663	Bachelor's degree	None	None
				8	12.6	0.1				
Therapeutic Services	31-1014	Nursing Assistants	1491	134	9	1.8	\$24,449	Postsecondary non-degree award	None	None
				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
				28	1.9	1				
Therapeutic Services	31-2021	Physical Therapist Assistants	119	31	50.8	0.2	\$55,267	Associate's degree	None	None
				11	17.8	0.1				
Therapeutic Services	31-2022	Physical Therapist Aides	106	13	20.5	0.2	\$26,292	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	3.1	0				
Health Informatics	31-9011	Massage Therapists	152	73	61.2	0.7	\$26,951	Postsecondary non-degree award	None	None
				27	22.9	0.3				
Therapeutic Services	31-9091	Dental Assistants	247	14	12.1	0.3	\$37,044	Postsecondary non-degree award	None	None
				1	0.7	0				
Health Informatics	31-9092	Medical Assistants	481	37	24.6	0.5	\$31,227	High school diploma or equivalent	None	Moderate-term on-the-job training
				37	24.6	0.5				
Health Informatics	31-9097	Phlebotomists	66	1	0.6	0	\$34,874	Postsecondary non-degree award	None	None
				1	0.6	0				
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				
Support Services	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv ** USE EMP	877	74	33.9	0.6	\$27,939	High school diploma or equivalent	1 to 5 years	None
				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
				4	0.5	0.1				
Health Informatics	43-4171	Receptionists & Information Clerks **	907	55	11.8	0.6	\$27,591	High school diploma or equivalent	None	Short-term on-the-job training
				22	4.6	0.3				
				4	0.8	0.1				
				1	0.2	0				
				368	40.6	5.3				
				34	3.7	0.6				
				26	2.9	0.8				
				18	2	0.6				

ATTACHMENT O - REGIONAL PLANNING DATA

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

SOC Code	SOC Title	Average Annual Employment	NAICS	DESCRIPTION	Annual Occupational Employment in Industry				
					2017	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			
			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	0.8			
			523	Securities, commodity contracts, and other financial investments and	3	0.4			
15-1122	Information Security Analysts	64	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			
			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			
15-1131	Computer Programmers	718	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			
			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			
			423	Merchant wholesalers, durable goods	17	3.7			
			15-1132	Software Developers, Applications	812	5112	Software publishers	32	6.9
5415	Computer systems design and related services	21				4.5			
5416	Management, scientific, and technical consulting services	177				37.8			
5417	Scientific research and development services	23				4.9			
519	Other information services	16				3.5			
611	Educational services, state, local, and private	6				0.7			
813	Religious, grantmaking, civic, professional, and similar organizations	5				0.8			
5415	Computer systems design and related services	21				19.1			
5416	Management, scientific, and technical consulting services	5				0.4			
522	Credit intermediation and related activities	5				0.9			
15-1133	Software Developers, Systems Software	467	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			
			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			
			15-1134	Web Developers	110	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			
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			
15-1142	Network & Computer Sys. Administrators	284	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			
			551	Management of companies and enterprises	22	4.4			
			611	Educational services, state, local, and private	22	12.7			
			5112	Software publishers	4	4.3			
			5415	Computer systems design and related services	123	24.6			
			5613	Employment services	18	3.6			
			423	Merchant wholesalers, durable goods	4	4.3			
15-1151	Computer User Support Specialists	502	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			
			5171	Wired telecommunications carriers	5	5.1			
			5415	Computer systems design and related services	26	25.2			
			15-1152	Computer Network Support Specialists	103	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	48.0501	Machine Tool Technology	6	< 1Yr Cert		
			1	Associate		
Machinists** Computer-Controlled Machine Tool Operators**	Community Colleges	Elgin CC	2	1-2 Yr Cert		
			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*		
		No Related Program of Study for This Occupation				
		No Related Program of Study for This Occupation				
		Food Batchmakers				
		11.0102	Artificial Intelligence	No Programs in this EDR*		
		11.0103	Information Technology	No Programs in this EDR*		
Software Developers, Systems Software**	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	Northern IL University	36	Masters	

ATTACHMENT O - REGIONAL PLANNING 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	
	Independent For Profit Universities	American Intercontinental University Online	220	Bachelor
			102	Masters
			3	Associate
Independent For Profit Universities	Sanford Brown-Chicago	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	
		4	< 1 Yr Cert	
		3	< 1 Yr Cert	
	Waubensee CC	3	< 1 Yr Cert	
Independent Not For Profit Universities	DePaul University	42	Bachelor	
		10	Masters	
Out of State Universities	University of Phoenix (AZ)	3	Bachelor	
11.0202	Computer Programming, Specific Applications			
Community	College of DuPage	22	< 1 Yr Cert	
		5	Associate	
		5	< 1 Yr Cert	
Callarea of 15th County				

ATTACHMENT O - REGIONAL PLANNING DATA

Colleges:				College of Lake County				2	Associate			
				McHenry County College				2	< 1 Yr Cert			
				Moraine Valley CC				11	< 1 Yr Cert			
				DePaul University				1	Bachelor			
Independent Not For Profit Universities				DePaul University	12	Masters						
11.0401				Information Science/Studies								
Community Colleges				CCC-Washington College				27	< 1 Yr Cert			
				CCC-Truman College				27				< 1 Yr Cert
								32				< 1 Yr Cert
				CCC-Kennedy-King College				6				1-2 Yr Cert
								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
				Triton College				2				< 1 Yr Cert
2								Associate				
Benedictine University				4	Bachelor							
DePaul University				18				Bachelor				
				154				Masters				
Elmhurst College				4	Bachelor							
National-Louis University				1				Bachelor				
				5				Bachelor				
Northwestern University				57	Masters							
Independent Not For Profit Universities												

ATTACHMENT O - REGIONAL PLANNING DATA

				11.0701 Computer Science		
				Oliver Nazarene University	5	Bachelor
				University of Illinois Chicago	33	Bachelor
				Public Universities		
				Chicago State University	6	Bachelor
					18	Masters
				Governors State University	27	Bachelor
					10	Masters
				Northeastern IL University	49	Bachelor
					15	Masters
					64	Bachelor
				Northern IL University	62	Masters
					73	Bachelor
					110	Masters
				University of IL Chicago	11	Dr Research
				Aurora University	10	Bachelor
				Benedictine University	3	Bachelor
					56	Bachelor
				DePaul University	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
				Loyola University of Chicago	11	Masters
				North Central College	13	Bachelor
					29	Bachelor
Independent Not For Profit						

Industrial Machinery Mechanics**			
Community Colleges	CCC-Daley College	1	< 1 Yr Cert
		3	Associate
		1	< 1 Yr Cert
	College of Lake County	39	< 1 Yr Cert
		2	Associate
		6	< 1 Yr Cert
	Elgin Community College	6	< 1 Yr Cert
		7	Associate
		6	1-2 Yr Cert
	Joliet Junior College	2	< 1 Yr Cert
		1	1-2 Yr Cert
		1	1-2 Yr Cert
	Kankakee CC	1	1-2 Yr Cert
		1	1-2 Yr Cert
		5	1-2 Yr Cert
Moraine Valley CC	36	< 1 Yr Cert	
	1	1-2 Yr Cert	
	1	Associate	
Prairie State College	1	Associate	
	1	Associate	
	1	Associate	
Waubonsee Community College	1	Associate	
	1	Associate	
	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 48,9999 (< 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 Trailers**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
Truck Drivers, Light & Delivery Services		CCC-Colive Harvey College	2,973*	< 1 Yr Cert	
School Bus Drivers		Egin Community College	38	< 1 Yr Cert	
Flight Attendants	49.0106	Airline Flight Attendant		No Programs in this EDR	
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				
	52.0408	Gen'l Office Ocs/Clerical Services			
Cargo & Freight Agents (Route Planners)		Kishwaukee	11	1-2 Yr Cert	
		Morton	4	< 1 Yr Cert	
		Egin 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	FY2014 Completions	Degree Type	Program Code (CIP)	Program Title	FY 2014 Completions	Degree Type		
Registered Nurses	51.3801	Registered Nursing	143	Associate	DePaul Univ	Nurse Anesthetist	94	Masters		
			62	Associate			51.3804	Nurse Anesthetist	62	Bachelor
			74	Associate			51.3805	Family Practice Nursing	10	Post-Mstr Cert
			46	Associate			51.3818	Nursing Practice	1	Dr Post Prac
			115	Associate			Einhorn College			
			85	Associate			51.3813	Clinical Nurse Specialist	62	Bachelor
			96	Associate			51.3820	Clinical Nurse Leader	24	Masters
			103	Associate			Loyola Univ Chicago			
			125	Associate			51.3802	Nurse Administration	12	Masters
			49	Associate			51.3803	Adult Health Nursing	15	Masters
Community Colleges			66	Associate	51.3805	Family Practice Nursing	37	Masters		
			35	Associate			6	Post-Mstr Cert		
			82	Associate			51.3808	Nursing Science	5	Dr Research
			22	Associate			51.3818	Nursing Practice	9	Dr Research
			80	Associate			51.3813	Clinical Nurse Specialist	9	Masters
			60	Associate			51.3814	Critical Care Nursing	11	Masters
			29	Associate			51.3818	Women's Health Nursing	2	Masters
			72	Associate			51.3822	Women's Health Nursing	2	Masters
			87	Associate			51.3839	Reg Nursing, Nursing Admin, Nursing	3	Post-Mstr Cert
			28	Bachelor			51.9999	Health Prof & Related Clinical Sciences, Other	1	Masters
Public Universities	Chicago State Univ		1	Masters	Univ of St Francis	Nurse Administration	26	Masters		
			66	Bachelor			51.3802	Nurse Administration		
			227	Bachelor			Chamberlain Coll of Nursing			
			212	Bachelor			51.3818	Nursing Practice	2	Doctoral Other
			114	Bachelor			Governors State Univ			
			6	Masters			51.3805	Family Practice Nursing	10	Post-Mstr Cert
			123	Bachelor			51.3808	Nursing Science	73	Masters
			0	Bachelor			51.3818	Nursing Practice	12	Dr Post Practice
			94	Masters			Northern IL Univ			
			0	Bachelor			51.3808	Nursing Science	62	Masters
Independent Not For Profit Universities	North Park Univ		208	Bachelor	Univ of IL Chicago	Nursing Science	4	Post-Ba Cert		
			279	Bachelor			393	Masters		
			9	Masters			12	Dr Research		
			191	Bachelor			51.3818	Nursing Practice	17	Dr Post Prac
			154	Masters			51.9999	Health Prof & Related Clinical Sciences, Other	32	Masters
			158	Bachelor			Lewis Univ			
			51	Masters			51.3803	Adult Health Nursing	1	Post-Mstr Cert
			8	Associate			North Park Univ			
			126	Bachelor			51.3805	Family Practice Nursing	1	Post-Mstr Cert
			40	Bachelor			51.3808	Nursing Science	18	Masters
111	Bachelor	51.3821	Geriatric Nursing	1	Post-Mstr Cert					
1	Post-Ba Cert	51.3808	Nursing Science	152	Masters					
62	Masters	Roseland Franklin								
38	Associate	51.3804	Nurse Anesthetist	22	Masters					
17	Associate	51.3805	Family Practice Nursing	16	Post-Mstr Cert					
4,288	Bachelor	51.3808	Nursing Science	64	Masters					
656	Masters	No Shores Health Sys Sch of Nurse Anesth								
79	Associate	51.3804	Nurse Anesthetist	19	Post-Ba Cert					

* Chamberlain College of Nursing offers Illinois sites for a BSN 3 year program; online offerings include RN to BSN, MSN, and DNP programs.

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			
			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
			Joliet	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		
	Indep For Profit	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			

ATTACHMENT O - REGIONAL PLANNING DATA

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
		28	1-2 Yr Cert

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ATTACHMENT O - REGIONAL PLANNING DATA

Licensed Practical Nurses	Community Colleges	Coyne College	33	Associate	
		Fox College	1	1-2 Yr Cert	
			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	Chicago ORT Tech Institute	16	<1 Yr Cert
		51.0809	Anesthesiologist Asst	No Programs in this EDR	
		51.0813	Chiropractic Assf/Technician	No Programs in this EDR	
		51.3901	Licensed Practical Nursing		
Receptionists & Information Clerks **	Indep For Profit	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	
		Ambria Coll of Nursing	95	1-2 Yr Cert	
		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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING DATA

North East 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
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	Waubonsee	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 O - REGIONAL PLANNING DATA

North East 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
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.

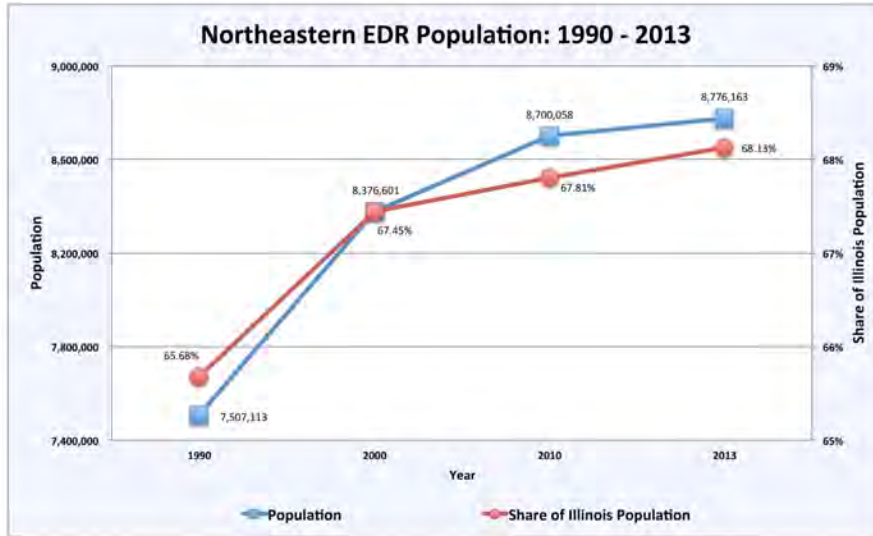
ATTACHMENT O - REGIONAL PLANNING DATA

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

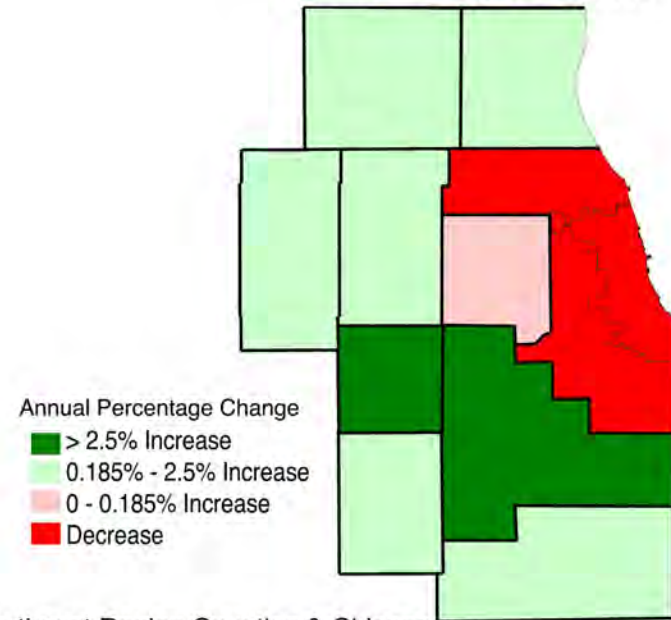
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, 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	Waubensee	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.

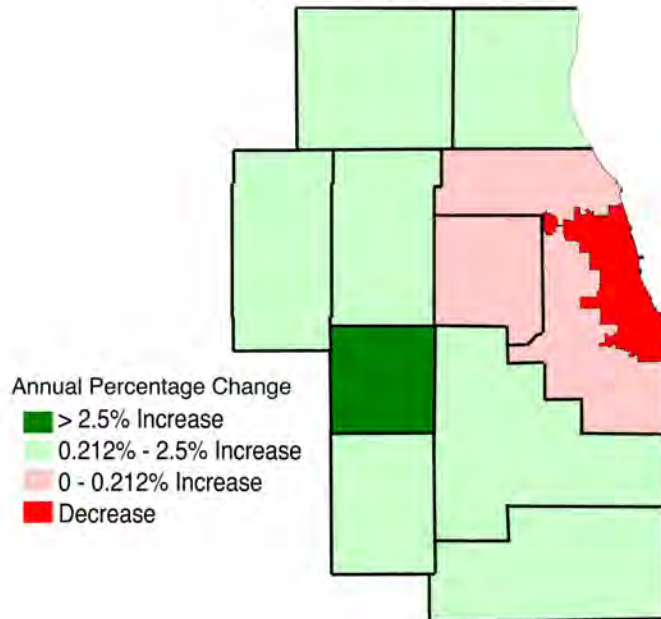
ATTACHMENT O - REGIONAL PLANNING DATA



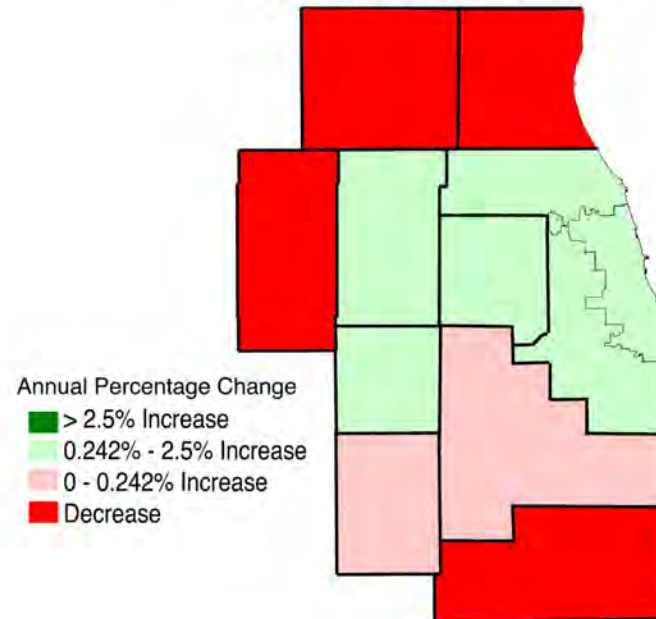
Northeast Region Counties & Chicago
Population Change: 2000-2005



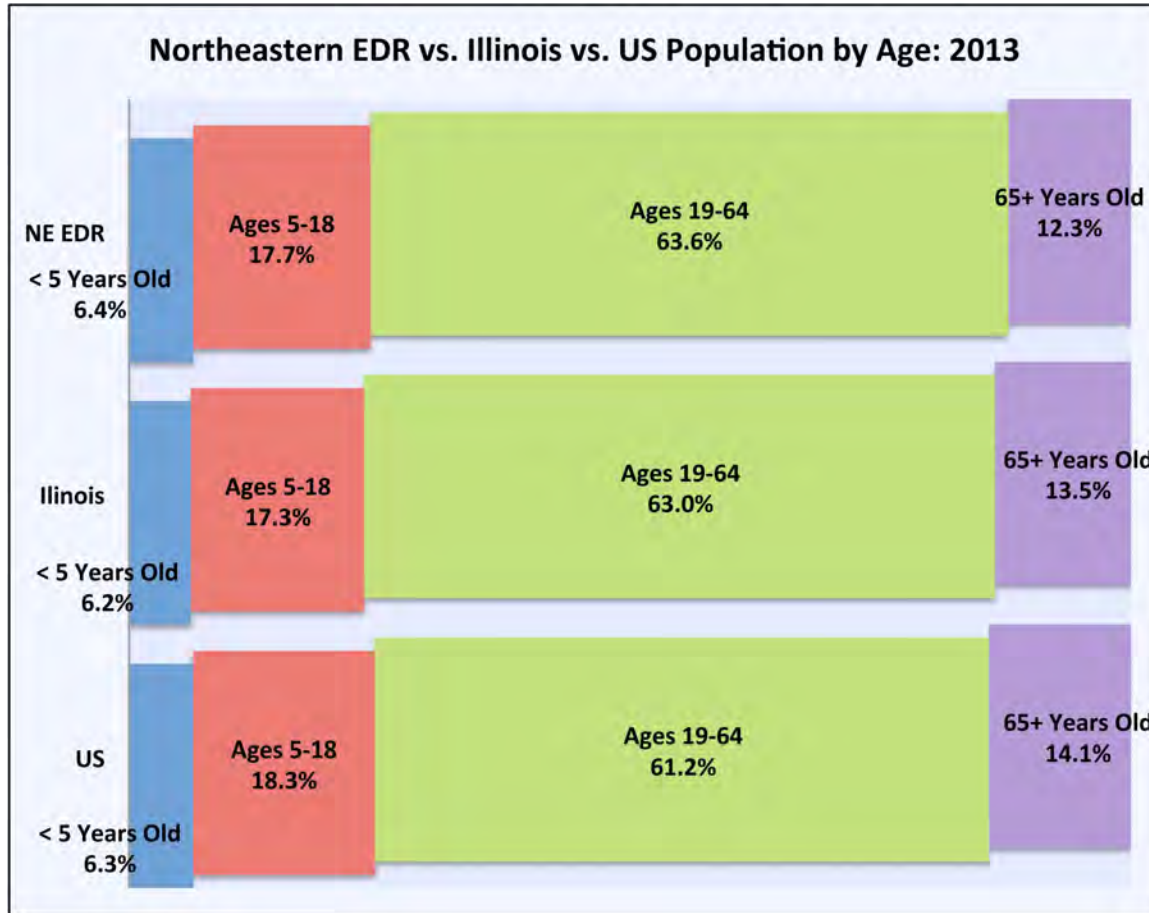
Northeast Region Counties & Chicago
Population Change: 2005-2010



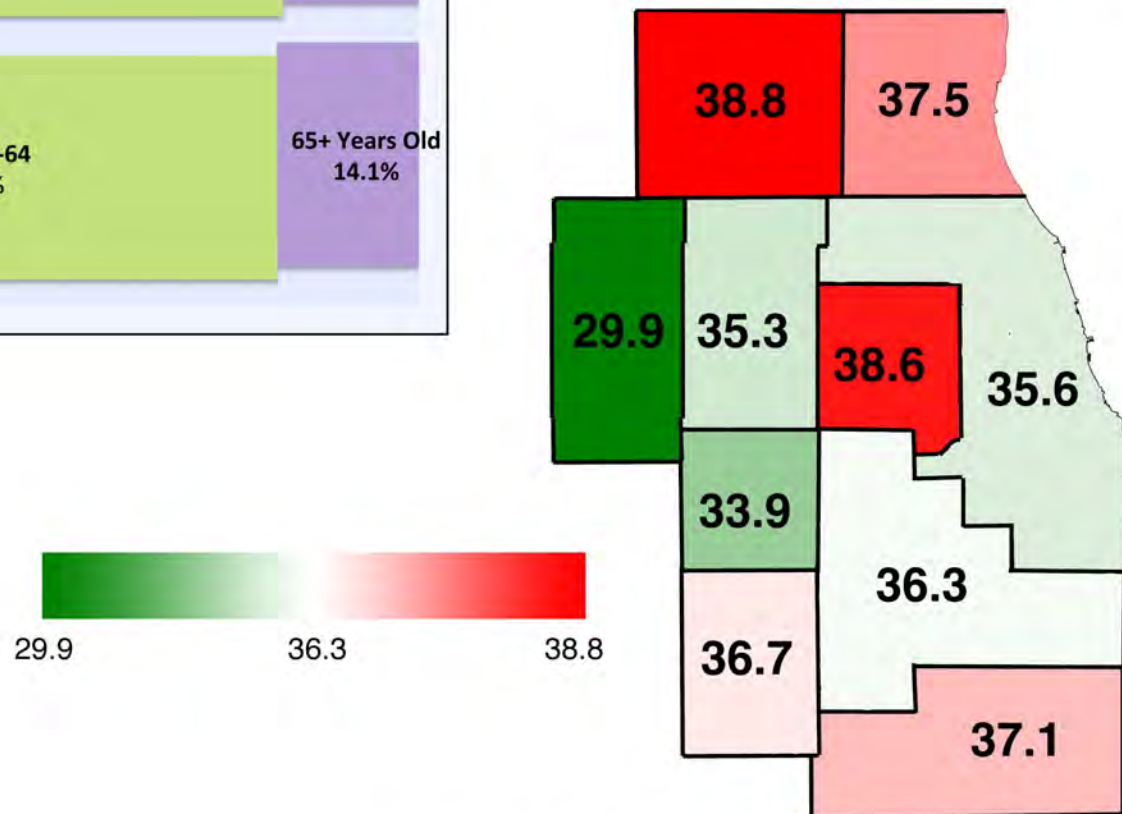
Northeast Region Counties & Chicago
Population Change: 2010-2013



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

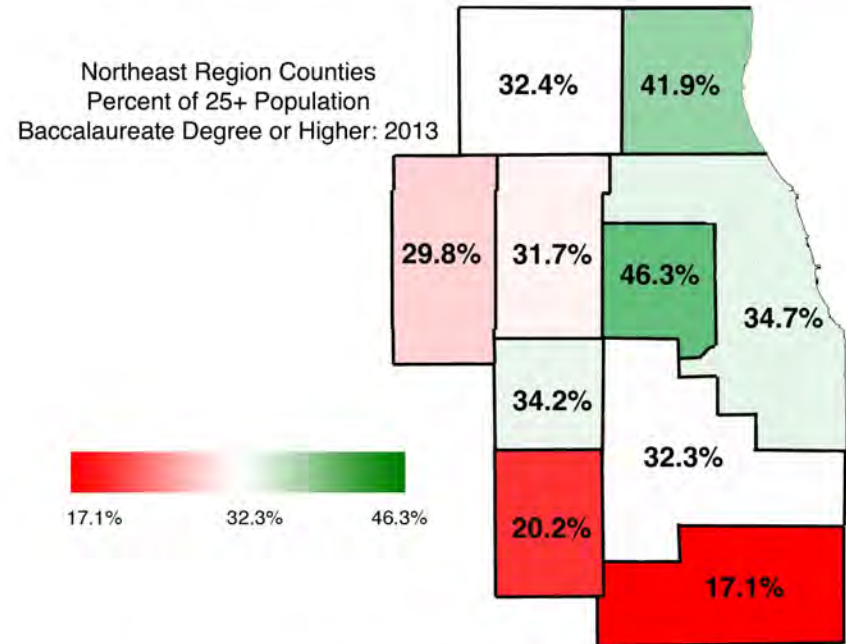
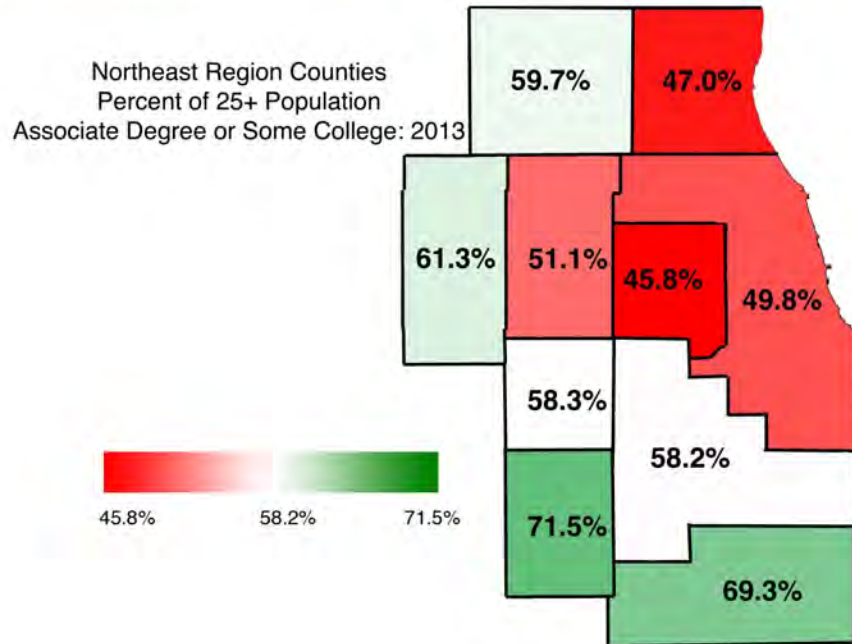
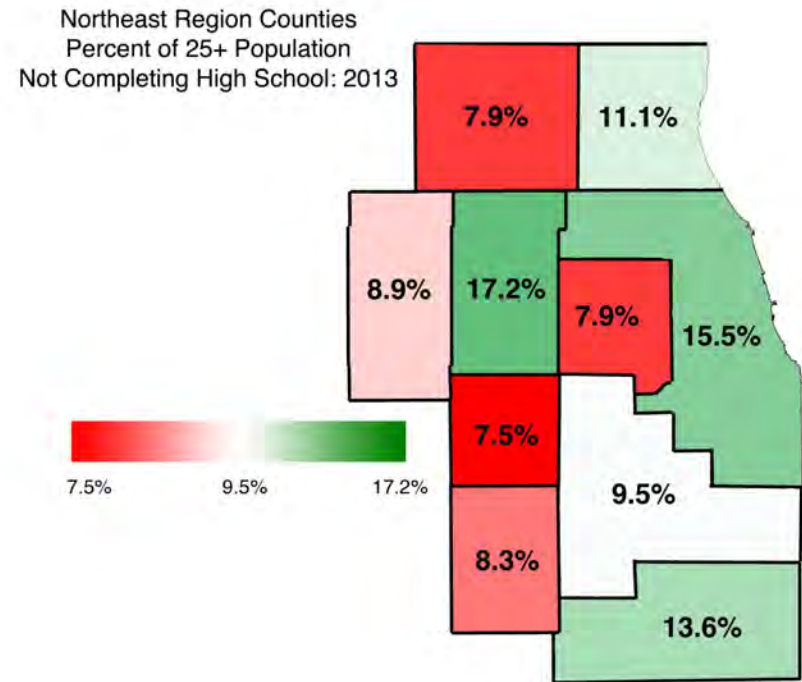
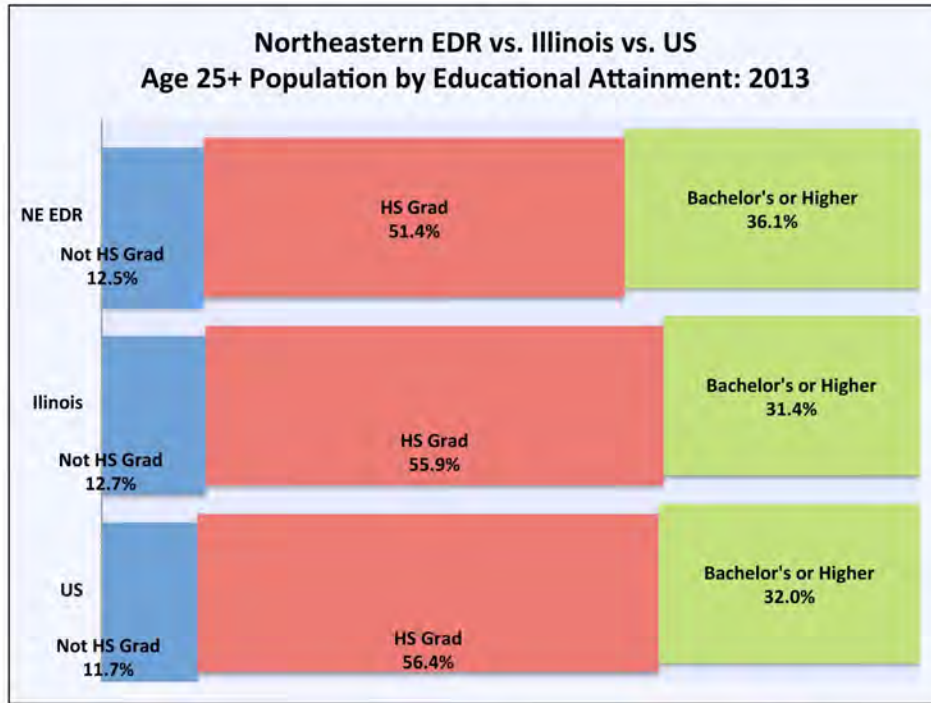


Northeast Region Counties Median Population Age: 2012

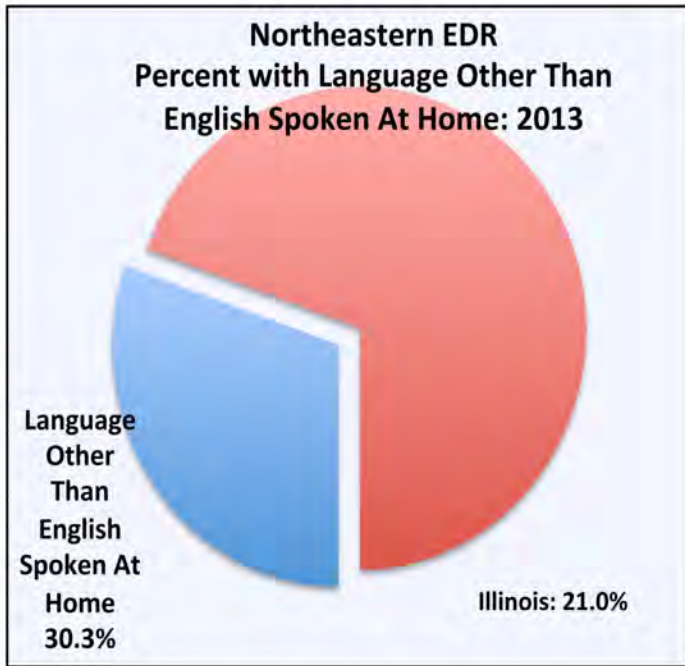


Source for all information on this Page: US Census Bureau Annual County Resident Population Estimates for 2013

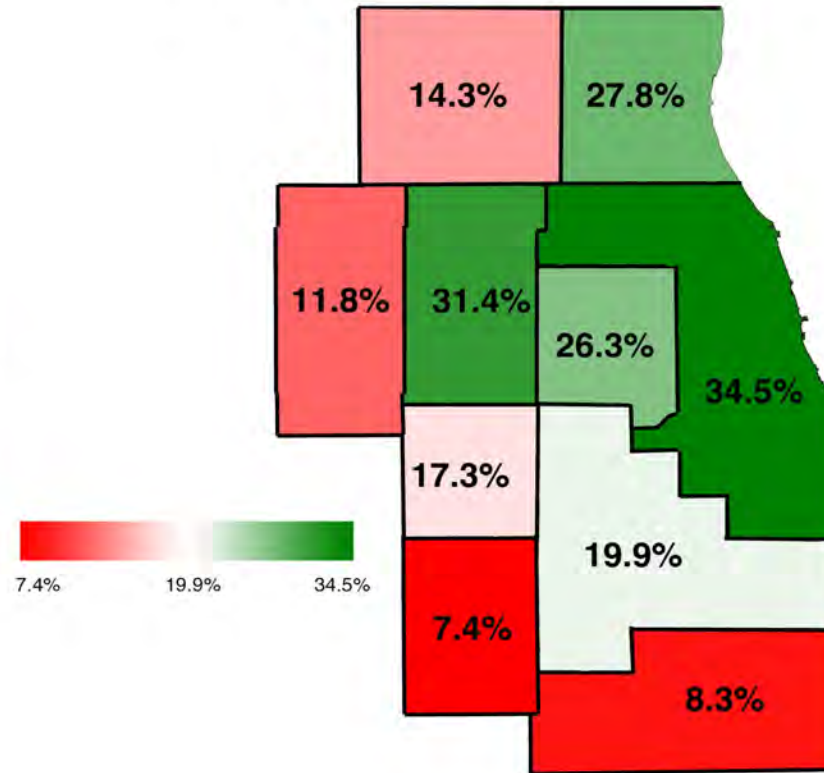
ATTACHMENT O - REGIONAL PLANNING DATA



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

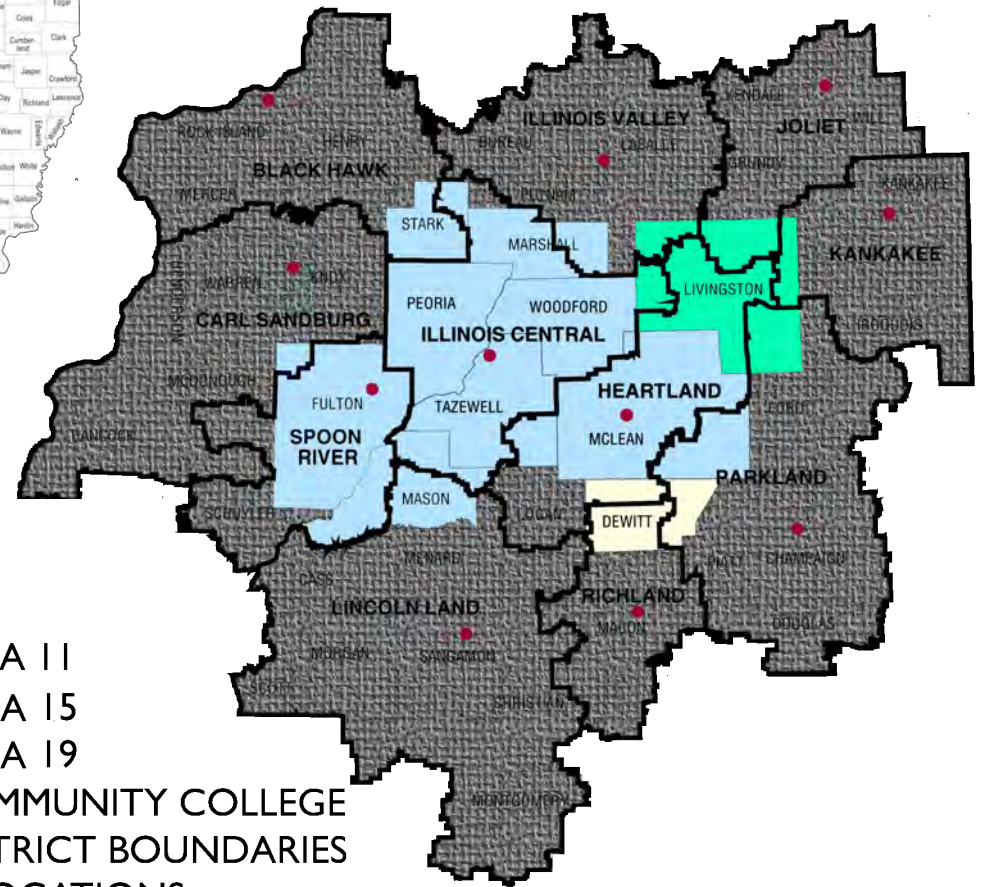
North Central EDR Counties	2013 Population Estimates	Percent of EDR Population
DeWitt	16,420	3%
Fulton	36,346	7%
Livingston	38,186	7%
McLean	174,647	32%
Marshall	12,153	2%
Mason	14,248	3%
Peoria	188,429	34%
Stark	5,907	1%
Tazewell	136,352	25%
Woodford	39,273	7%
Total Population	661,961	



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

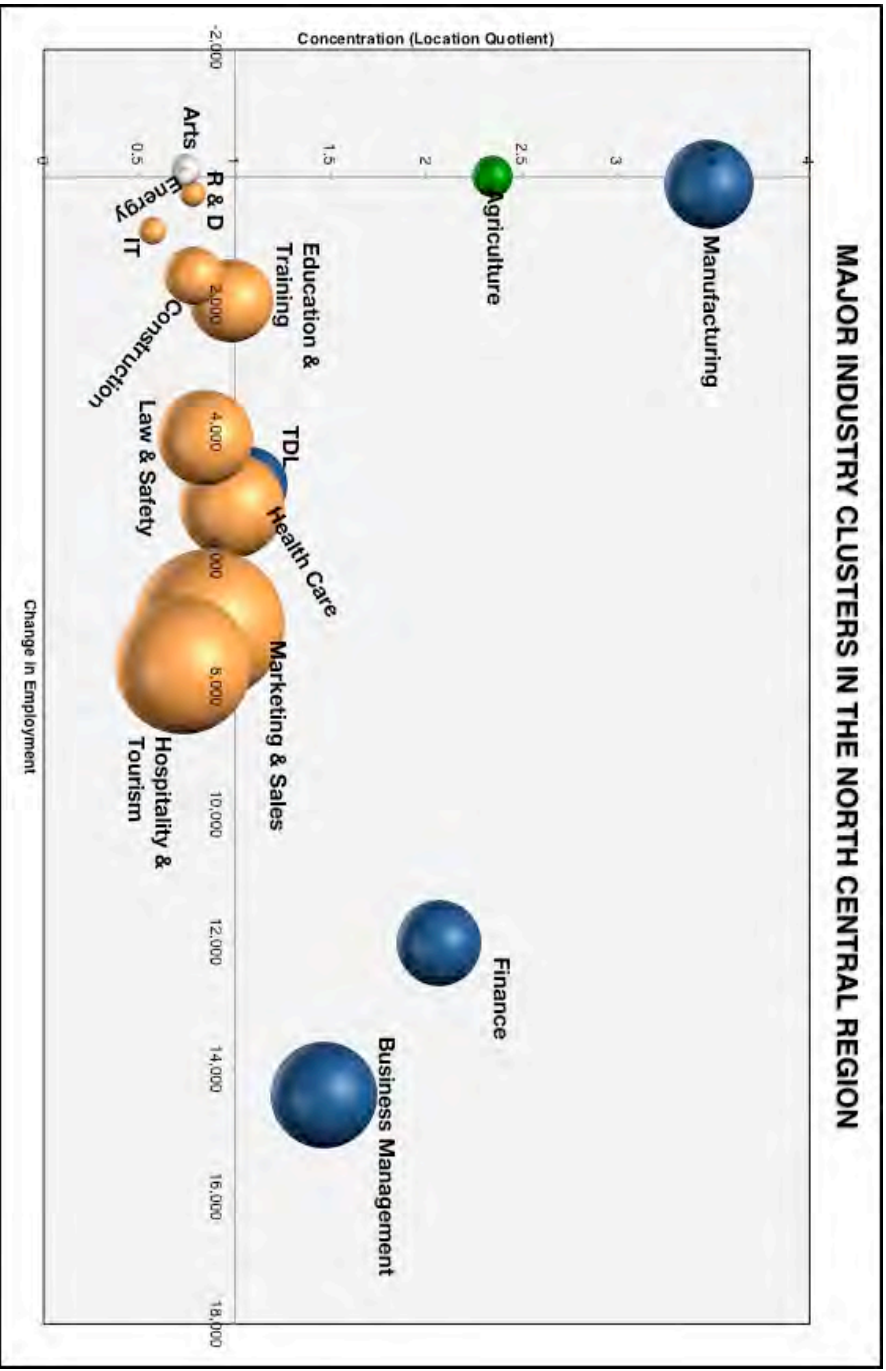


- LWIA 11
- LWIA 15
- LWIA 19
- COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

NORTH CENTRAL REGION
EMPLOYMENT BY INDUSTRY / OCCUPATIONAL CLUSTER

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

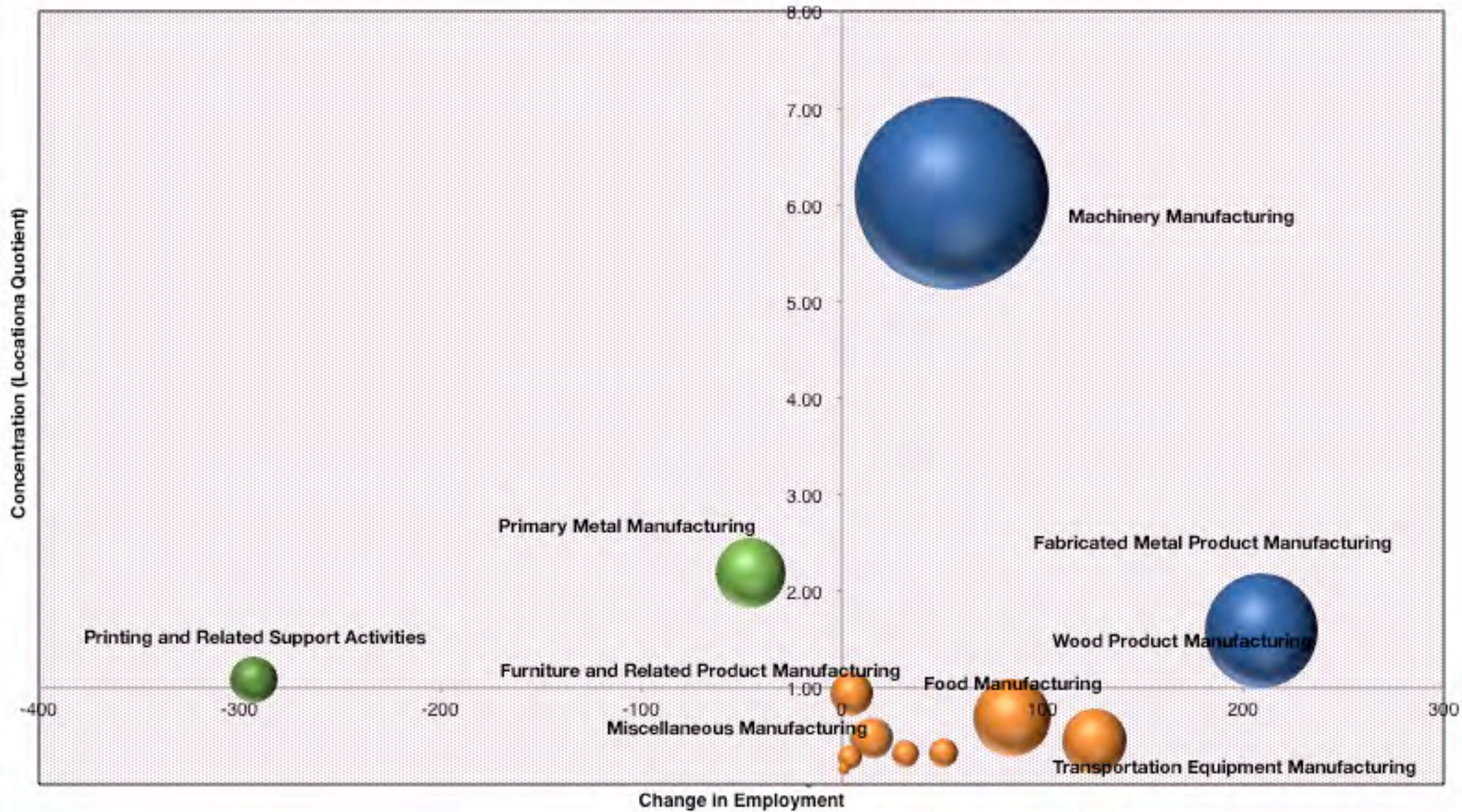
MAJOR INDUSTRY CLUSTERS IN THE NORTH CENTRAL REGION



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

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION



MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION

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

ATTACHMENT C

REGIONAL PLANNING 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					1	2.3	3.3
331	Primary Metal Manufacturing	Production	51-1011	1st-Line Sprvs/Mgrs, Prod. & Operating Workers**	24	1	2.8	4.5
332	Fabricated Metal Product Manufacturing					3	11.1	4.3
333	Machinery Manufacturing					1	5.7	3.3
334	Computer and Electronic Product Manufacturing					1	3.1	1.9
336	Transportation Equipment Manufacturing					2	7.2	2.9
337	Furniture and Related Product Manufacturing					1	2.5	4.1
339	Miscellaneous Manufacturing					1	3.2	3.5
332	Fabricated Metal Product Manufacturing					7	49.1	2.8
333	Machinery Manufacturing					2	12.7	1.1
336	Transportation Equipment Manufacturing	Production	51-2041	Structural Metal Fabricators & Fitters	14	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	Production	51-4033	Grind/Polish Machine Tool Setters & Operators	12	13	39.3	4.2
333	Machinery Manufacturing					6	18.4	2.9
336	Transportation Equipment Manufacturing					2	5	0.9
334	Computer and Electronic Product Manufacturing	Production	51-4011	Computer-controlled Machine Tool Operators**	33	1	3.7	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing					6	18.2	2
336	Transportation Equipment Manufacturing					1	3.9	1.2
339	Miscellaneous Manufacturing					1	1.2	2.1
331	Primary Metal Manufacturing					5	38.8	1.6
332	Fabricated Metal Product Manufacturing					2	17.6	1.1
333	Machinery Manufacturing	Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	1	11.8	0.5
336	Transportation Equipment Manufacturing					1	6	0.7
339	Miscellaneous Manufacturing					1	4.6	0.4
321	Primary Metal Manufacturing	Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	6	4.6	1
332	Fabricated Metal Product Manufacturing					3	26.1	0.9
333	Machinery Manufacturing					1	9	0.2
336	Transportation Equipment 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					25	35.1	10.2
332	Fabricated Metal Product Manufacturing	Production	51-4041	Machinists**	72	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					7	24.3	6.2
322	Fabricated Metal Product Manufacturing	Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	4	13.2	4.9
323	Machinery Manufacturing					4	12.5	3.3
326	Transportation Equipment Manufacturing					3	29.1	1.2
332	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					2	6.6	2.2

ATTACHMENT O REGIONAL PLANNING DATA

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

ATTACHMENT O - REGIONAL PLANNING DATA

MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION

Primary	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation in this Industry		2022 Percent of Employment in this Industry		Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				2021	2022	2021	2022				
Manufacturing Production Process Development	11-3051	Industrial Production Managers**	11	1	1	7.1	1.6	\$76,941	Bachelor's degree	1 to 5 years	None
				1	1	6.8	1.1				
Manufacturing Production Process Development	11-9041	Engineering Managers**	18	1	1	4.1	0.8	\$152,189	Bachelor's degree	More than 5 years	None
				2	2	11.5	2.5				
Logistics & Inventory Control	11-9199	Managers, All Other (incl. Logistics Analysts)**	206	1	1	0.4	0.5	\$74,690	High school diploma or equivalent	1 to 5 years	None
				1	1	0.3	0.3				
Logistics & Inventory Control	13-1081	Logisticians**	13	1	1	10.6	1.1	\$63,968	Bachelor's degree	1 to 5 years	None
				1	1	0.4	0.2				
Logistics & Inventory Control	13-1111	Management Analysts (incl. Logistics Analysts)**	72	1	1	0.9	0.5	\$83,130	Bachelor's degree	1 to 5 years	None
				2	2	3.5	2.8				
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	62	1	1	1.1	0.6	\$82,872	Bachelor's degree	None	None
				1	1	1.1	0.6				
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	35	4	4	10.8	5.6	\$95,405	Bachelor's degree	None	None
				1	1	3	1				
Manufacturing Production Process Development	17-2112	Industrial Engineers**	33	1	1	1.7	0.6	\$77,672	Bachelor's degree	None	None
				2	2	6.9	1.6				
				4	4	12.2	3				
				1	1	2.5	1.8				
				6	6	17.6	2.8				
				1	1	3.5	1.6				
				1	1	1.7	0.6				
				2	2	6.2	1.1				
				4	4	12.3	3.3				
				1	1	1.6	1.1				
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	31	2	2	6.3	1.8		Bachelor's degree	None	None
				1	1	2	1.7				
				4	4	11.9	2.2				
				1	1	2.2	0.4				
Manufacturing Production Process Development	17-2199	Engineers, All Other (including Robotics Engineers)**	27	1	1	3.2	0.4	\$94,746	Bachelor's degree	None	None
				1	1	4.5	0.7				
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale/Tech/Scripps**	35	2	2	6.1	0.6	\$58,477	Bachelor's degree	None	Moderate-term on-the-job training
				1	1	3.9	1.7				
				1	1	1	1.1				
				1	1	0.6	5.2				
				1	1	0.6	2.4				
				1	1	0.5	2.3				
				2	2	1.2	4.4				
				1	1	0.7	1.4				
Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg. Excl./Scripps**	119	1	1	0.7	2	\$48,924	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	3	2	2.1				
				1	1	0.7	2.9				
				2	2	1.4	2.3				
				1	1	0.6	0.9				
				1	1	0.7	0.8				
				1	1	0.5	2.3				
				1	1	0.7	2.2				
Logistics & Inventory Control	43-5032	Dispatchers**	24	1	1	2.2	1.2	\$40,436	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	2.6	1.1				
Logistics & Inventory Control	43-5061	Production, Planning & Expediting Clerks**	21	1	1	4	0.8	\$36,784	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	3.4	1				
				1	1	3.5	1.1				
				1	1	5.8	1.2				
				1	1	2.6	1.3				
				1	1	1.3	2.1				
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	52	1	1	1.9	1.8	\$28,212	High school diploma or equivalent	None	Short-term on-the-job training
				1	1	1.7	2				
				1	1	1.5	1.1				
				1	1	2.5	1.2				
				1	1	1.5	2.1				
				3	3	9.1	2.4				
				1	1	1.7	3.5				
				1	1	1.5	1.4				
				1	1	3.4	3.7				
				2	2	5.3	2.7				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	35	1	1	3.4	2.1	\$56,622	High school diploma or equivalent	None	Long-term on-the-job training
				1	1	1.7	1.6				
				1	1	3.8	4				
				2	2	4.5	1.1				
				2	2	5	1.9				
				2	2	4.9	1.3				
				2	2	2.3	2.3				
				1	1	1.2	2.4				
				1	1	0.9	2.3				
				1	1	1.1	4.4				
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	69	1	1	1.4	1.4	\$35,064	High school diploma or equivalent	None	Moderate-term on-the-job training
				1	1	0.9	1.3				
				1	1	1.2	1.2				
				2	2	7.8	3.2				
				1	1	2.5	3.7				
				1	1	2.2	3.8				

ATTACHMENT O - REGIONAL PLANNING DATA

Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	24	1	2.9	3.9	\$54,505	Postsecondary non-degree award	1 to 5 years	None
				1	4.9	4.4				
				1	2.3	3.3				
				1	2.8	4.5				
				3	11.1	4.3				
1	5.7	3.3								
1	3.1	1.9								
2	7.2	2.9								
1	2.5	4.1								
1	3.2	3.5								
7	49.1	2.8								
2	12.7	1.1								
2	11.8	0.7								
1	5.7	0.9								
Production	51-2041	Structural Metal Fabricators & Fitters	14	3	2.5	1.9	\$41,225	High school diploma or equivalent	None	Moderate-term on-the-job training
3	3.3	9.1								
1	0.6	1.9								
1	1.2	1.8								
4	3.6	6.5								
1	1.2	3.2								
1	0.7	2.2								
8	7.3	5.3								
10	10	10.7								
4	3.6	4.1								
4	3.8	12.8								
21	20.3	15.1								
3	3.3	9.9								
6	5.6	11.6								
Production	51-2099	Assemblers & Fabricators, All Other**	10	2	16.8	3.5	\$26,156	High school diploma or equivalent	None	Moderate-term on-the-job training
1	5.1	3								
1	4.5	1.2								
1	4	1.8								
13	39.3	4.2								
6	18.4	2.9								
2	5	0.9								
1	3.7	1.8								
6	18.2	2								
1	3.9	1.2								
1	1.2	2.1								
5	38.8	1.6								
2	17.6	1.1								
1	11.8	0.5								
1	6	0.7								
1	4.6	0.4								
6	4.6	1								
3	26.1	0.9								
1	9	0.2								
Production	51-4034	Lathe/Turning Machine Tool Setters & Operators	12	1	0.7	0.4	\$43,048	High school diploma or equivalent	None	Moderate-term on-the-job training
1	1.5	1.1								
1	0.7	0.8								
1	1.9	2.2								
25	35.1	10.2								
12	16.6	7								
2	3	1.4								
1	1.6	2.2								
9	1.2	3.6								
2	2.7	2.3								
1	1.9	2								
7	24.3	6.2								
4	13.2	4.9								
4	12.5	3.3								
3	29.1	1.2								
2	20	1.3								
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								
3	10	3.4								
1	2.9	2.7								
7	30.3	7.8								
1	5.2	10.3								
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								
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								
Production	51-4122	Welding/Soldering/Brazing Machine Setters & Operators**	11	3	29.1	1.2	\$37,184	High school diploma or equivalent	None	Moderate-term on-the-job training
2	20	1.3								
3	27	1.2								
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								
3	10	3.4								
1	2.9	2.7								
7	30.3	7.8								
1	5.2	10.3								
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								
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								
Production	51-4121	Welders, Cutters, Solderers & Brazers**	30	7	24.3	6.2	\$38,003	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
4	13.2	4.9								
4	12.5	3.3								
3	29.1	1.2								
2	20	1.3								
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								
3	10	3.4								
1	2.9	2.7								
7	30.3	7.8								
1	5.2	10.3								
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								
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								
Production	51-9122	Inspectors, Testers, Sorters & Weighers	29	3	8.9	2.9	\$36,995	High school diploma or equivalent	None	Moderate-term on-the-job training
1	4.7	2.3								
2	5.4	2.8								
1	2	3								
3	10	3.4								
1	2.9	2.7								
7	30.3	7.8								
1	5.2	10.3								
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								
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								
Production	51-9111	Packaging & Filling Machine Operators & Tenders	22	1	5.2	10.3	\$25,596	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								
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								
Production	51-9199	Production Workers, All Other	31	1	2.1	1.3	\$51,148	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								

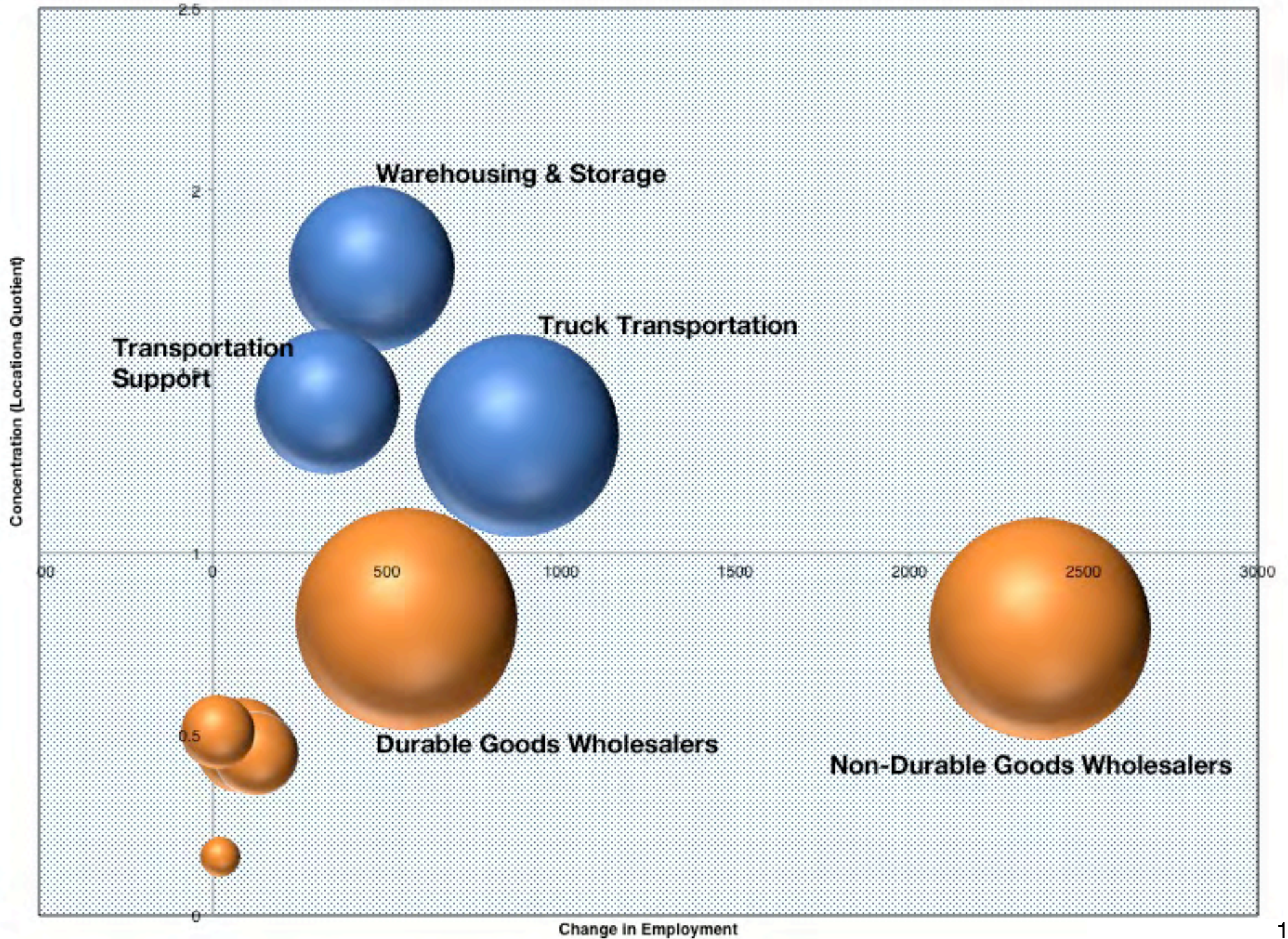
ATTACHMENT O - REGIONAL PLANNING DATA

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

ATTACHMENT O - REGIONAL PLANNING DATA

LEADING, EMERGING AND MATURING INDUSTRIES IN THE NORTH CENTRAL REGION



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

NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of Industry	
							2022 Percent of Occupation	2022 Percent of Industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	11-3051	Purchasing Managers**	14	1	5.9	0.1
424	Merchant Wholesalers, Nondurable Goods					1	4.6	0.2
423	Merchant Wholesalers, Durable Goods					1	6.2	0.2
423	Merchant Wholesalers, Durable Goods					1	6.2	0.2
424	Merchant Wholesalers, Nondurable Goods	Transportation Operations	11-3071	Transportation, Storage & Distribution Managers**	13	1	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					1	8.6	0.5
484	Truck Transportation					1	10	0.7
484	Truck Transportation					1	10	0.7
488	Support Activities for Transportation	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
493	Warehousing and Storage					1	9.1	1.3
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	17-2112	Industrial Engineers (Supply Chain Engineer)	33	1	1.8	0.1
423	Merchant Wholesalers, Durable Goods					3	2.5	1.3
424	Merchant Wholesalers, Durable Goods					2	1.6	1.2
425	Wholesale Electronic Markets and Agents and Brokers					1	0.8	1.2
481	Air Transportation					1	0.6	2.3
484	Truck Transportation	Logistics Planning and Management Services	43-1011	1st-Line Supvrs/Mgr's Office & Adm. Support Wlvs**	113	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					1	0.7	1.3
481	Air Transportation					2	9.5	2.1
481	Air Transportation	Health, Safety and Environmental Management	43-5011	Cargo & Freight Agents (Route Planners)	19	2	9.5	2.1
484	Truck Transportation					2	9.5	2.1
484	Truck Transportation					2	8.3	0.5
488	Support Activities for 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	Transportation Operations	43-5051	Production, Planning, & Expediting Clerks**	21	1	4	0.4
485	Transit and Ground Passenger Transportation					1	3.1	0.4
488	Support Activities for Transportation					1	0.8	0.9
488	Support Activities for Transportation					2	10.6	1
484	Truck Transportation	Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	16	3	18.6	3.5
485	Transit and Ground Passenger Transportation					1	5	2.6
423	Merchant Wholesalers, Durable Goods					2	8.6	0.5
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	49-3023	Automotive Service Technicians & Mechanics**	63	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods					1	0.8	0.9
423	Merchant Wholesalers, Durable Goods					7	13.5	3.2
424	Merchant Wholesalers, Durable Goods					4	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers	Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerks**	52	1	2.7	1.7
488	Support Activities for Transportation					1	1.8	1.8
492	Couriers and Messengers					3	5	7.2
493	Warehousing and Storage					2	4.7	4.1
423	Merchant Wholesalers, Durable Goods					1	4	0.4
424	Merchant Wholesalers, Nondurable Goods	Warehousing and Distribution Center Operations	51-1011	1st-Line Supvrs/Mgrs, Prod/Operating Workers**	24	1	1.7	0.4
423	Merchant Wholesalers, Durable Goods					1	2.7	0.5
424	Merchant Wholesalers, Durable Goods					2	8.6	0.5
424	Merchant Wholesalers, Durable Goods					2	9.9	0.9
484	Truck Transportation	Warehousing and Distribution Center Operations	53-1021	1st-Line Supvrs/Mgr's Helpers & Laborers	18	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
423	Merchant Wholesalers, Durable Goods					1	4.7	0.3
424	Merchant Wholesalers, Nondurable Goods	Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgr's, 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	1.9
493	Warehousing and Storage	Warehousing and Distribution Center Operations	53-1031	1st-Line Supvrs/Mgr's, Trans. Machine Operators**	12	1	4.6	1.9
485	Transit and Ground Passenger Transportation					1	4.6	1.9
492	Couriers and Messengers					1	4.6	1.9
485	Transit and Ground Passenger Transportation	Transportation Operations	53-3021	Bus Drivers, Transit & Intercity	11	5	4.7	1.3
485	Transit and Ground Passenger Transportation					8	4.2	1.5
423	Merchant Wholesalers, Durable Goods	Transportation Operations	53-3022	School Bus Drivers	20	4	41.2	41.1
423	Merchant Wholesalers, Durable Goods					4	3.2	2
424	Merchant Wholesalers, Durable Goods					11	7.9	7.3
425	Wholesale Electronic Markets and Agents and Brokers					1	0.5	0.8
484	Truck Transportation	Transportation Operations	53-3032	Truck Drivers, Heavy & Tractor Trailer**	137	63	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					5	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods	Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	4	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	Warehousing and Storage	53-3033	Truck Drivers, Light & Delivery Services	56	10	17.1	30.5
493	Warehousing and Storage					1	1.9	2.1

ATTACHMENT O - REGIONAL PLANNING DATA

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

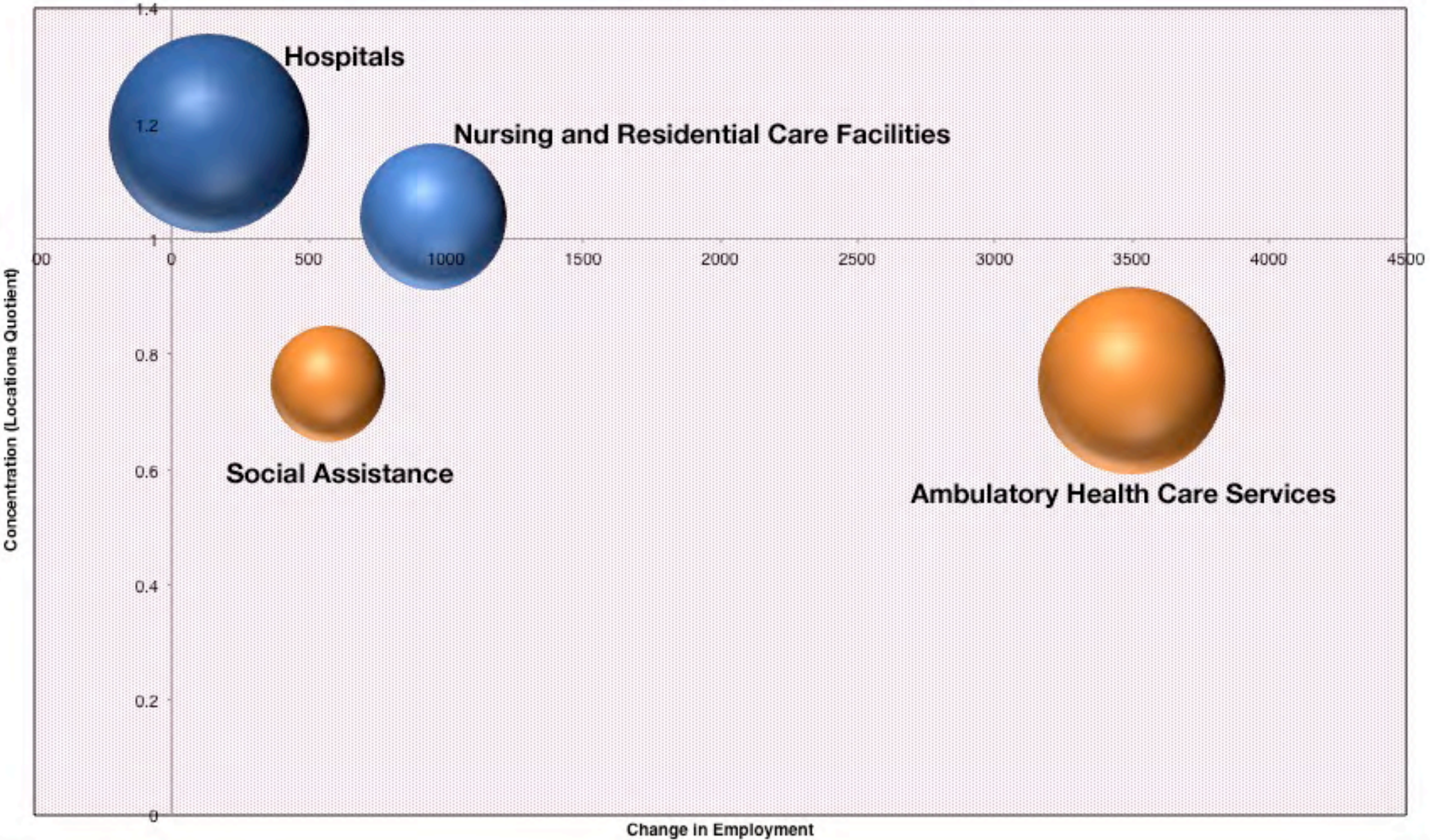
NAWS	SOC Code	SOC Title	Average Annual Occupations (thousands)	Annual Occupational Employment		Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level	
				2020 Percent of Industry	2022 Percent of Industry					
Logistics Planning and Management Services	43-3011	Purchasing Managers**	14	1	5.9	0.1	Bachelor's degree	More than 5 year	None	
				2	4.6	0.2				
Transportation Operations	43-3071	Transportation, Storage & Distribution Managers**	13	1	6.2	0.2	High school diploma or equivalent	More than 5 year	None	
				2	6.2	0.2				
				3	8.6	0.5				
				4	8.6	0.5				
				5	10	0.7				
				6	10	0.7				
				7	5.2	0.8				
				8	5.2	0.8				
				9	9.1	1.3				
				10	9.1	1.3				
Warehousing and Distribution Center Operations	43-3012	Industrial Engineer (Supply Chain Engineer)	33	1	1.8	0.1	Bachelor's degree	None	None	
				2	2.5	1.3				
Logistics Planning and Management Services	43-3011	1st-Line Supvr/Mgr's Office & Adm. Support Wkr**	113	1	1.6	1.2	High school diploma or equivalent	1 to 5 years	None	
				2	0.8	1.2				
				3	0.6	2.3				
				4	0.6	0.6				
				5	1	2.3				
				6	0.4	2.1				
				7	0.2	1.9				
				8	0.2	2.1				
				9	9.5	2.1				
				10	9.5	2.1				
Health, Safety and Environmental Management	43-5011	Carg & Freight Agents (Trucker Planner)	19	1	8.3	0.5	High school diploma or equivalent	None	Short term on-the-job training	
				2	8.3	0.5				
				3	8.3	0.5				
				4	12	63.6				8.4
				5	12	63.6				8.4
				6	7.6	1.4				
				7	7.6	1.4				
				8	1	2.9				0.2
				9	4	17.9				2.6
				10	2	7.8				3.2
Transportation Operations	43-3032	Dispatchers**	24	1	3.1	0.4	High school diploma or equivalent	None	Moderate term on-the-job training	
				2	7.8	2.4				
Warehousing and Distribution Center Operations	43-5061	Production, Planning, & Expediting Clerk**	21	1	4	0.4	High school diploma or equivalent	None	Moderate term on-the-job training	
				2	3.1	0.4				
Warehousing and Distribution Center Operations	43-5071	Shipping, Receiving, & Traffic Clerk**	52	1	2.7	1.7	High school diploma or equivalent	None	Short term on-the-job training	
				2	1.8	1.8				
Facility and Mobile Equipment Maintenance	43-3023	Automotive Service Technicians & Mechanics**	63	1	1.7	0.4	High school diploma or equivalent	None	Long term on-the-job training	
				2	0.8	0.9				
Facility and Mobile Equipment Maintenance	43-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	16	1	10.6	1	High school diploma or equivalent	None	Long term on-the-job training	
				2	18.6	3.5				
Warehousing and Distribution Center Operations	53-1011	1st-Line Supvr/Mgr's Prod/Operating Workers**	24	1	2.2	0.9	Postsecondary non-degree award	1 to 5 years	None	
				2	8.6	0.9				
Warehousing and Distribution Center Operations	53-1021	1st-Line Supvr/Mgr's Hlper & Laborers	18	1	4.9	0.6	High school diploma or equivalent	1 to 5 years	None	
				2	3.5	0.9				
Warehousing and Distribution Center Operations	53-3033	Truck Drivers, Light & Delivery Services	56	1	4.6	2	High school diploma or equivalent	None	Short term on-the-job training	
				2	13.7	3.2				
				3	4.7	0.3				
				4	8.9	0.9				
				5	14.6	2.2				
				6	4.6	1.9				
				7	4.7	1.3				
				8	4.2	15.1				\$40,230
				9	41.2	41.1				\$29,815
				10	3.2	2				
Transportation Operations	53-3032	School Bus Drivers	20	1	7.9	7.3	High school diploma or equivalent	None	Moderate term on-the-job training	
				2	0.5	0.8				
				3	46.3	95.7				\$37,267
				4	3.1	8.5				
				5	1.5	5.6				
				6	2.2	5.3				
				7	8.4	2.5				
				8	7.6	3.2				
				9	1.8	1.4				
				10	6.1	3.6				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	56	1	1.2	1.5	High school diploma or equivalent	None	Short term on-the-job training	
				2	17.1	30.5				
				3	1.9	2.1				

ATTACHMENT O - REGIONAL PLANNING DATA

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	2022 Percent	2022 Percent
						Openings in Industry	Occupation that is in this Industry	of 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
621	Ambulatory Health Care Services	Therapeutic Services	29-1123	Physical Therapists	23	13	56.3	1.8
622	Hospitals					6	25	1
623	Nursing and Residential Care Facilities				2	6.7	0.5	
621	Ambulatory Health Care Services	Therapeutic Services	29-1127	Speech-Language Pathologists	10	3	28.4	0.5
622	Hospitals					1	13.6	0.3
621	Ambulatory Health Care Services	Therapeutic Services	29-1171	Nurse Practitioners	10	40	20.1	7.4
622	Hospitals					3	25.4	0.6
623	Nursing and Residential Care Facilities				118	59.2	28.9	
624	Social Assistance				14	7	5.8	
621	Ambulatory Health Care Services	Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	16	2	0.9	0.8
622	Hospitals					6	62	1
621	Ambulatory Health Care Services	Therapeutic Services	29-2021	Dental Hygienists	12	7	44.3	1.1
622	Hospitals					3	25.4	0.6
621	Ambulatory Health Care Services	Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	4	36.7	1
622	Hospitals					7	56.9	2.1
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	46	25	55	1.8
622	Hospitals					7	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29-2052	Pharmacy Technicians	17	1	3.5	0.2
622	Hospitals					3	16.2	1
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	54	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	Health Informatics	29-2071	Med Records & Health Info Technicians	19	7	35.4	0.9
622	Hospitals					7	37.6	1.3
621	Ambulatory Health Care Services	Therapeutic Services	31-1014	Nursing Assistants	103	2	8.9	0.5
622	Hospitals					9	9	1.8
623	Nursing and Residential Care Facilities				25	24.4	6.6	
624	Social Assistance				56	53.9	24.4	
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	14	2	1.9	1
622	Hospitals					13	95.4	4.1
621	Ambulatory Health Care Services	Health Informatics	31-9092	Medical Assistants	47	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				2	8.5	0.3	
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv**	71	1	1.2	0.2
622	Hospitals					1	1.2	0.2
623	Nursing and Residential Care Facilities					2	2.7	0.7
624	Social Assistance					2	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	51	6	11.8	0.6
622	Hospitals					2	4.6	0.3
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	73	30	40.6	5.3
624	Social Assistance					3	3.7	0.6
621	Ambulatory Health Care Services	Health Informatics	43-4171	Receptionists & Information Clerks **	73	2	2.9	0.8
622	Hospitals					1	2	0.6

HEALTH CARE
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTH CENTRAL REGION

Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in that Industry		2022 Percent of Employment in this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				2022	2023					
Health Informatics	11-3011	Administrative Services Managers **	33	2	5.9	0.2	\$58,479	High school diploma or equivalent	1 to 5 years	None
				1	2.5	0.2				
				1	1.7	0.2				
Health Informatics	11-9111	Medical & Health Services Managers	31	9	36.4	2.1	\$101,541	Bachelor's degree	None	None
				3	10.8	1.1				
				1	1.9	0.2				
Support Services	21-1014	Mental Health Counselors**	10	3	30.4	0.6	\$36,187	Master's degree	None	Internship/residency
				1	10	0.3				
				2	17.6	0.7				
Support Services	21-1093	Social & Human Services Assistants**	18	2	20.1	0.9	\$24,155	High school diploma or equivalent	None	Short-term on-the-job training
				1	8	0.4				
				3	17.1	2				
Therapeutic Services	29-1051	Pharmacists	19	1	4.2	0.2	\$12,144.2	Doctoral or professional degree	None	None
				5	25.3	1.3				
				13	56.3	1.8				
Therapeutic Services	29-1123	Physical Therapist	23	6	25	1	\$78,136	Doctoral or professional degree	None	None
				2	6.7	0.5				
				3	28.4	0.5				
Therapeutic Services	29-1127	Speech-Language Pathologists	10	1	13.6	0.3	\$59,919	Master's degree	None	None
				40	20.1	7.4				
				18	59.2	28.9				
Therapeutic Services	29-1141	Registered Nurses	199	14	7	5.8	\$55,636	Associate's or Bachelor's degree	None	None
				2	0.9	0.8				
				6	62	1				
Therapeutic Services	29-1171	Nurse Practitioners	10	3	25.4	0.6	\$88,355	Master's degree	None	None
				7	44.3	1.1				
				7	41.4	1.3				
Therapeutic Services	29-2012	Medical & Clinical Lab Technicians	16	12	97.4	2.8	\$54,537	Associate's degree	None	None
				4	36.7	1				
				7	56.9	2.1				
Diagnostic Services	29-2034	Radiologic Technologists/Technicians	12	25	55	1.8	\$23,541	Associate's degree	None	None
				7	15.2	0.7				
				1	3.5	0.2				
Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	46	1	1.4	0.4	\$25,814	High school diploma or equivalent	None	Moderate-term on-the-job training
				3	16.2	1				
				16	28.9	3				
Therapeutic Services	29-2052	Pharmacy Technicians	17	9	16.3	2.3	\$44,180	Postsecondary non-degree award	None	None
				21	39.1	9.1				
				7	37.6	1.3				
Health Informatics	29-2071	Med Records & Health Info Technicians	19	2	8.9	0.5	\$30,999	Postsecondary non-degree award	None	None
				7	35.4	0.9				
				9	9	1.8				
Therapeutic Services	31-1014	Nursing Assistants	103	25	24.4	6.6	\$22,907	Postsecondary non-degree award	None	None
				56	53.9	24.4				
				2	1.9	1				
Therapeutic Services	31-9091	Dental Assistants	14	13	95.4	4.1	\$32,690	Postsecondary non-degree award	None	None
				37	79.7	6.6				
				6	12.4	1.4				
Health Informatics	31-9092	Medical Assistants	47	1	2	0.4	\$31,045	High school diploma or equivalent	None	Moderate-term on-the-job training
				5	22.5	0.3				
				7	33.9	0.6				
Health Informatics	31-9099	Healthcare Support Workers, All Other	22	2	8.5	0.3	\$31,055	High school diploma or equivalent	None	Short-term on-the-job training
				1	1.2	0.2				
				2	2.7	0.7				
Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	71	2	2.7	0.7	\$26,894	High school diploma or equivalent	1 to 5 years	None
				2	2.7	0.7				
				6	11.8	0.6				
Health Informatics	43-3011	Bill and Account Collectors**	51	2	4.6	0.3	\$35,817	High school diploma or equivalent	None	Moderate-term on-the-job training
				30	40.6	5.3				
				3	3.7	0.6				
Health Informatics	43-4171	Receptionists & Information Clerks **	73	2	2.9	0.8	\$25,197	High school diploma or equivalent	None	Short-term on-the-job training
				3	3.7	0.6				
				1	2	0.6				

ATTACHMENT O - REGIONAL PLANNING DATA

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

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

MANUFACTURING

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

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
Machinists** Computer-Controlled Machine Tool Operators**	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	
Team Assemblers	No Related Program of Study for This Occupation				
Industrial Engineers**	14.3501	Industrial Engineering			
	Universities	Bradley University	23	Bachelor	IL State University
	14.3601	Manufacturing Engineering			
	Universities	Bradley University	3	Masters	
			14	Bachelor	
			7	Masters	
	15.1503	Packaging Science	No Programs in this EDR		

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

TRANSPORTATION, DISTRIBUTION & LOGISTICS

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

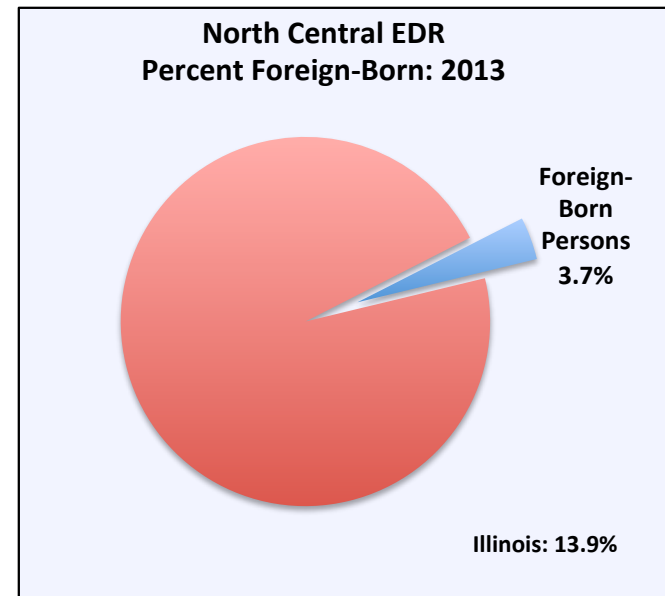
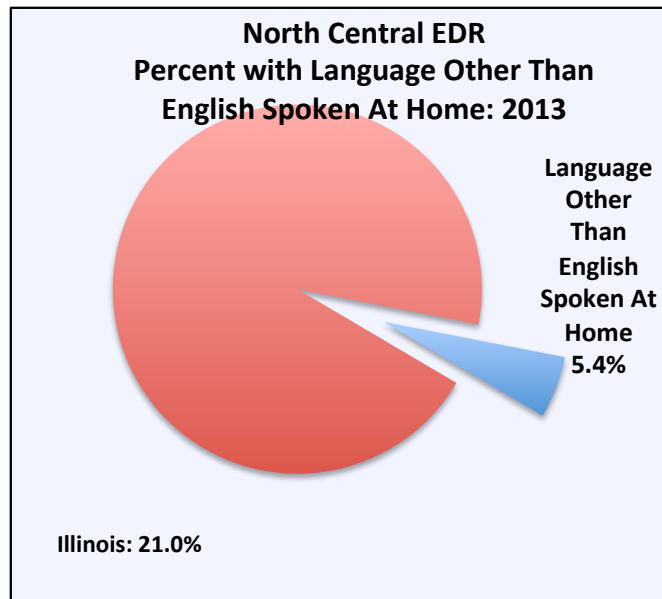
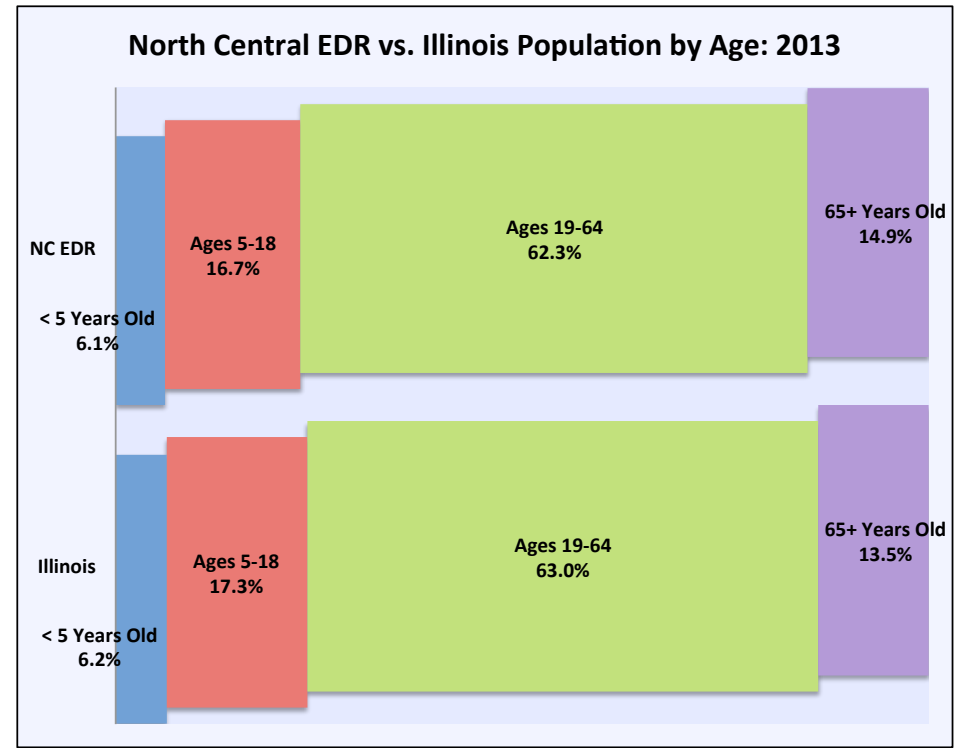
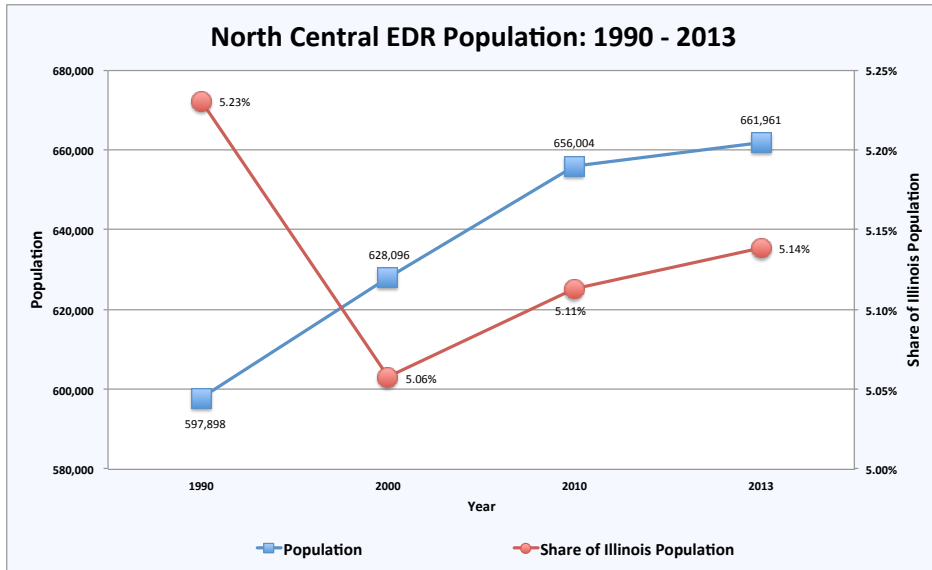
Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
Truck Drivers, Heavy & Tractor Trailer** Truck Drivers, Light & Delivery Services	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
	Community Colleges	Spoon River College	35	< 1 Yr Cert	Heartland 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					
		Community Colleges	Heartland CC	27	Associate	Graham Hospital School of Nursing Illinois Central College Methodist Medical Ctr Coll of Nursing St. Francis Medical Ctr Spoon River College	
			IL Central College	70	Associate		
			Spoon River College	28	Associate		
			Bradley University	75	Bachelor		
				0	Masters		
			IL State University	167	Bachelor		
				23	Masters		
			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			
		St. Francis Med Ctr/Coll of Nursing					
	51.3818	Nursing Practice	4	Dr Prof Practice			
		IL State University					
	51.3805	Family Practice Nurse/Nursing	2	Post Masters Cert			
	51.3808	Nursing Science	5	Dr Research			
	51.3818	Nursing Practice	0	Dr Prof Practice			
	51.3902	Nurse Aide					
Nursing Assistants	Community Colleges	IL Central College	202	<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			
Licensed Practical Nurses	51.3901 Licensed Practical Nursing						
	Community Colleges	IL Central College	23	1-2 Yr Cert	Illinois Central College		
		Spoon River College	14	1-2 Yr Cert			
	51.0710	Med Office Assn/Specialist		No Programs in this EDR	Heartland CC		
Medical Assistants		Medical Reception/Receptionist:		No Programs in this EDR	IL Central College		
	51.0712	Medical Reception/Receptionist:		No Programs in this EDR			
	51.0713	Medical Insurance Coding Specialist/Coder		No Programs in this EDR			
	Community Colleges	Heartland CC	3	1-2 Yr Cert			
		IL Central College	5	<1 Yr Cert			
		Spoon River College	5	<1 Yr Cert			
	51.0716	Med Admin/Spec Assistan & Med Secretary:		No Programs in this EDR			
51.0801	Med/Clinical Assistant		No Programs in this EDR				
51.0809	Anesthesiologicte 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			

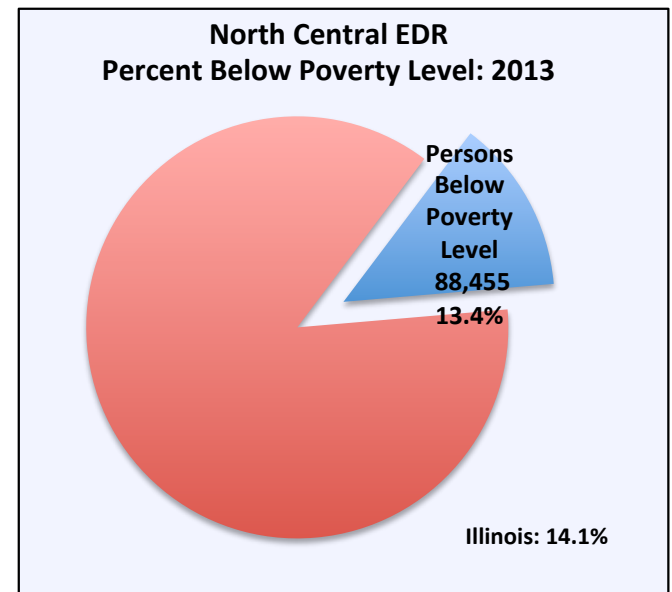
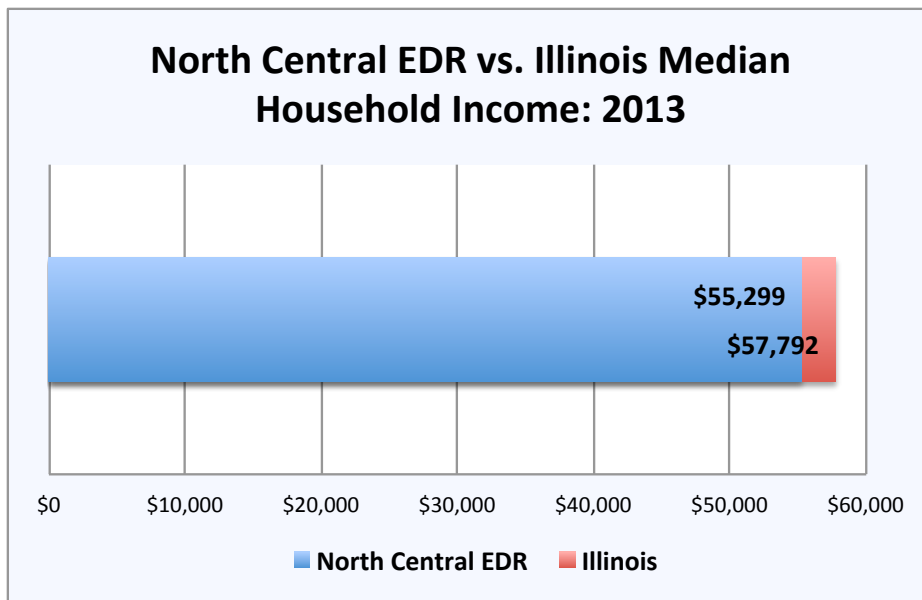
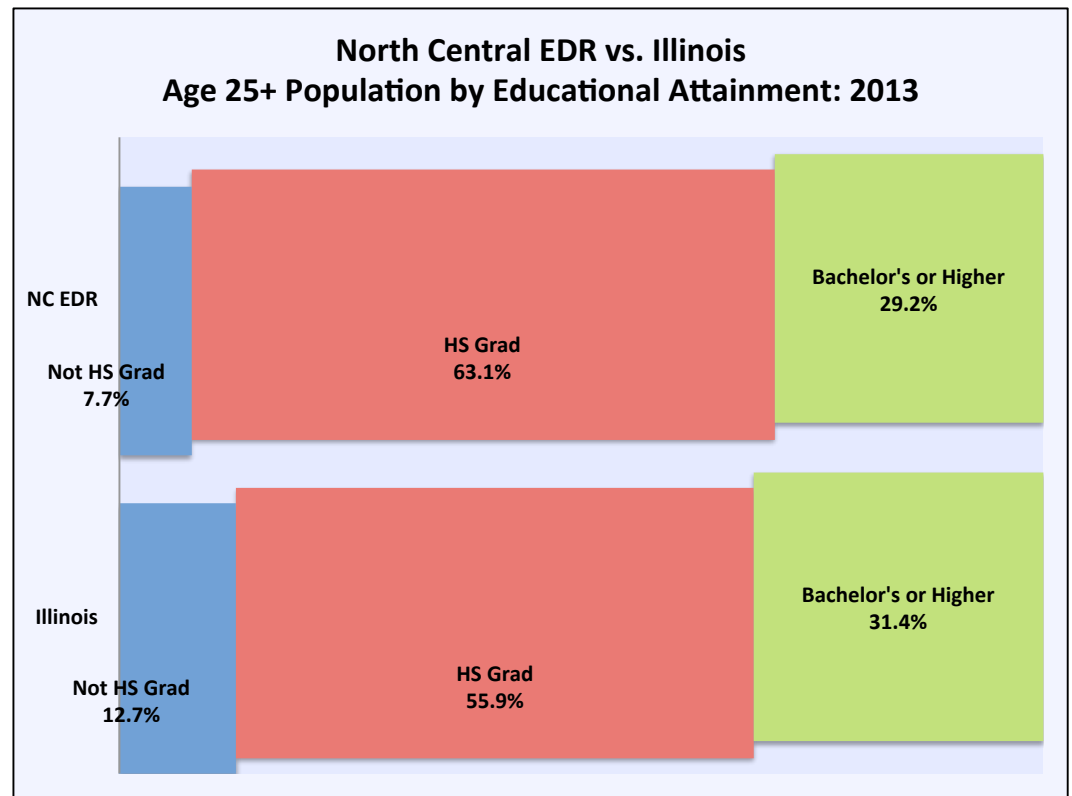
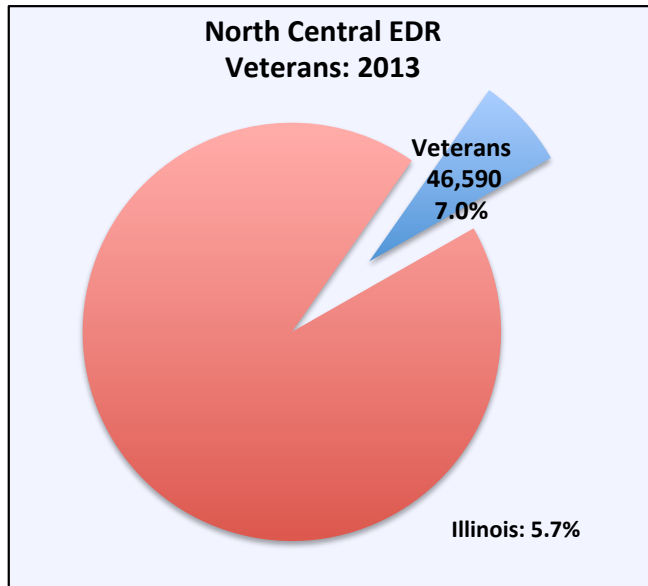
Notes: ** denotes occupations which occur in multiple clusters/pathways

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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 O - REGIONAL PLANNING DATA

North Central Economic Development Region - Illinois Community College System Fiscal Year 2014 Summary of Graduates by Career Cluster																			
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
540	Heartland	0	8	14	15	465	0	0	44	0	15	16	6	18	0	149	0	0	750
514	Illinois Central	53	46	8	63	810	6	0	547	33	42	84	42	71	2	30	48	0	1,885
534	Spoon River	26	0	0	0	176	0	0	134	0	2	2	0	13	0	0	35	0	388
North Central Total		79	54	22	78	1,451	6	0	725	33	59	102	48	102	2	179	83	0	3,023
State Total		935	2,893	815	3,098	16,744	27	0	18,294	1,729	2,109	2,396	2,918	2,799	331	6,691	5,964	18	67,761
% of State Total		8.4%	1.9%	2.7%	2.5%	8.7%	22.2%	0.0%	4.0%	1.9%	2.8%	4.3%	1.6%	3.6%	0.6%	2.7%	1.4%	0.0%	4.5%

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

NORTH CENTRAL REGION SELECTED TARGET POPULATION CHARACTERISTICS

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

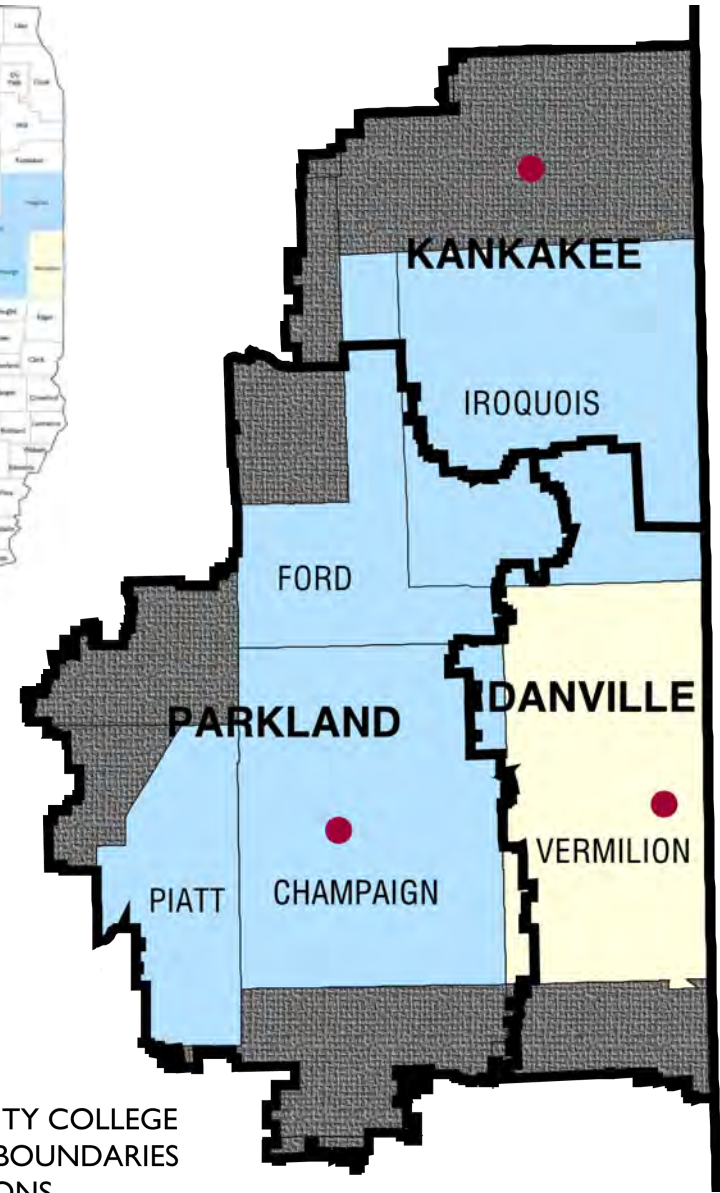
EAST CENTRAL ECONOMIC DEVELOPMENT REGION

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%
Total Population	344,473	

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



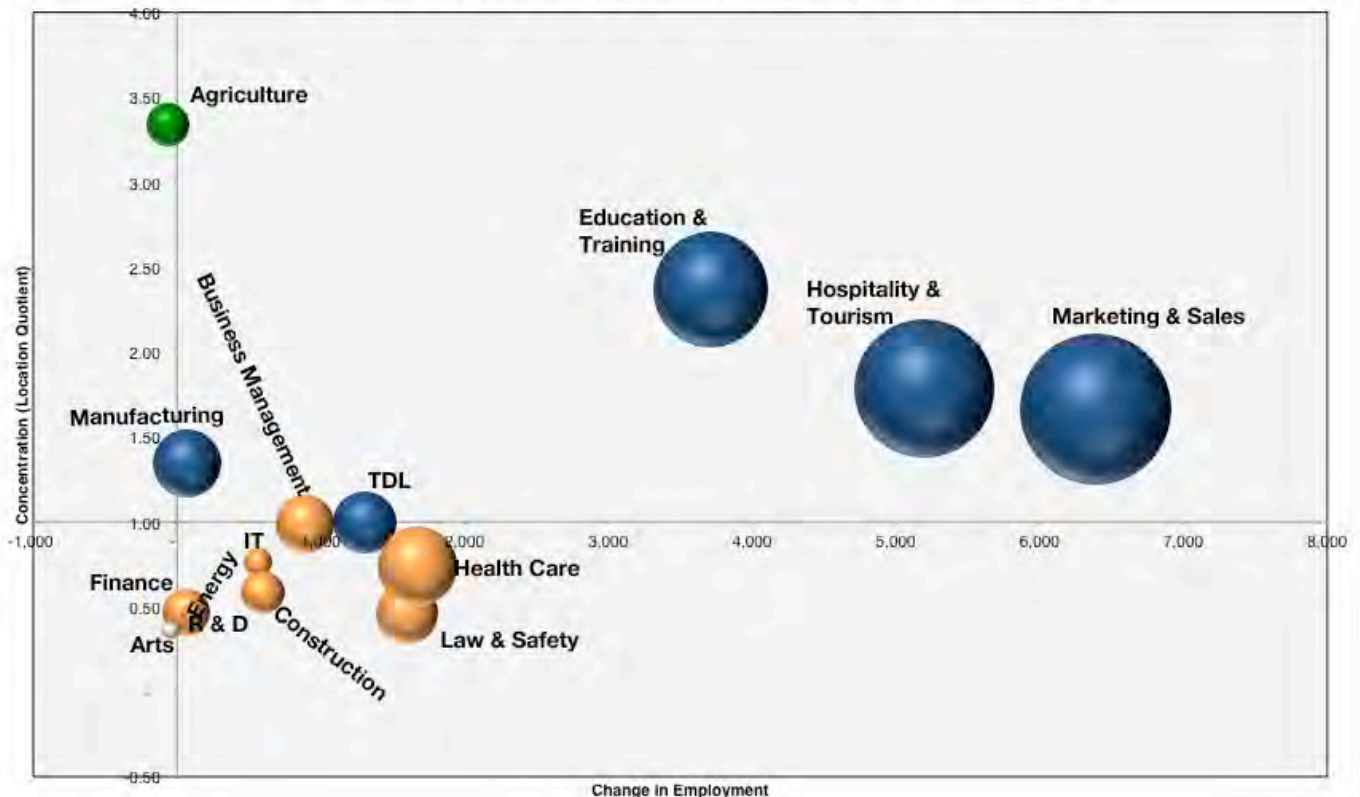
- LWIA 17
- LWIA 18
- COMMUNITY COLLEGE
- DISTRICT BOUNDARIES & LOCATIONS

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

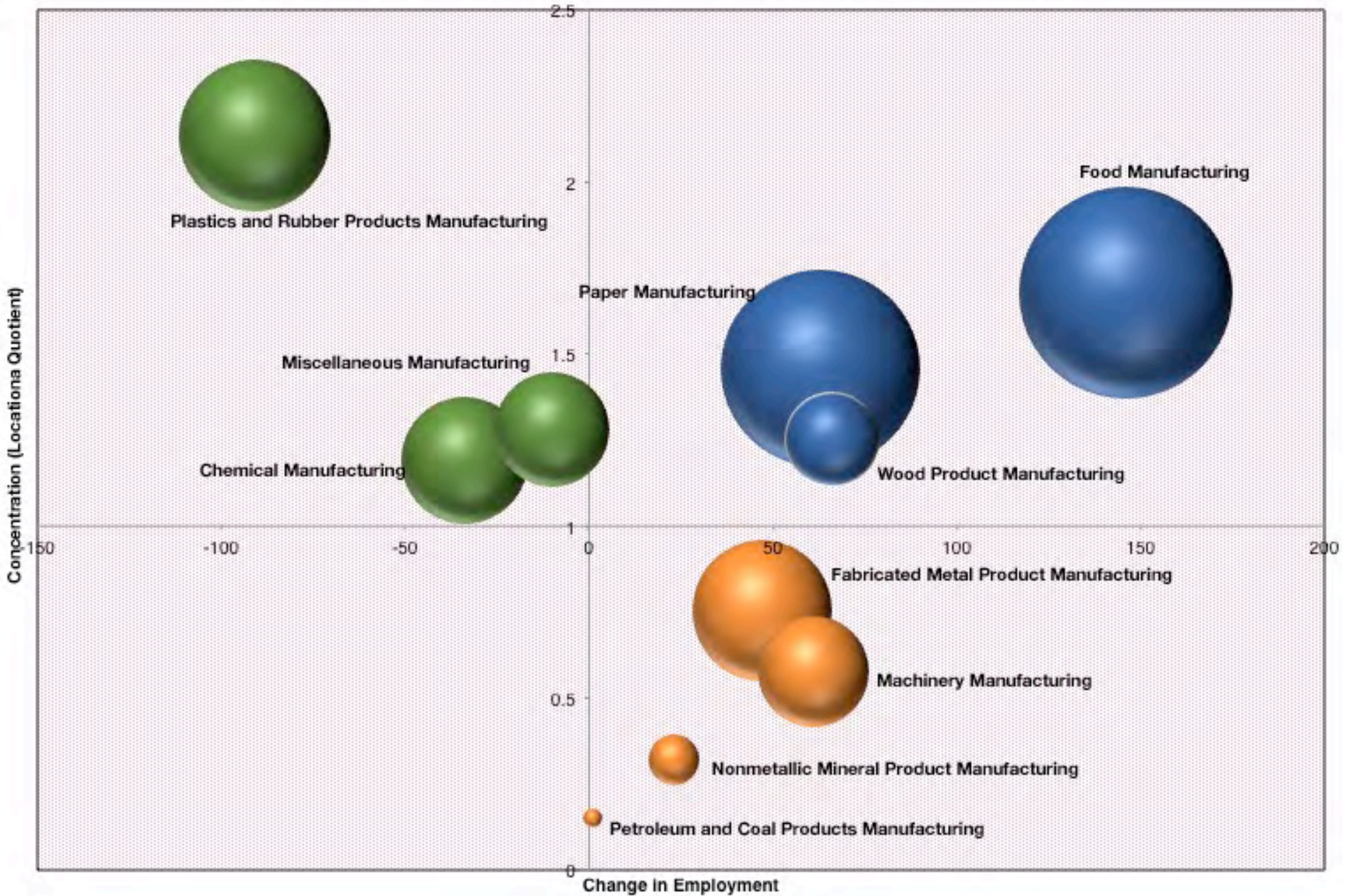
MAJOR INDUSTRY CLUSTERS IN THE EAST CENTRAL REGION



MANUFACTURING							
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
311	Food Manufacturing	3,072	3,218	146	4.8%	1.68	Leading
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%	-	
321	Wood Product Manufacturing	534	600	66	12.4%	1.25	Leading
322	Paper Manufacturing	-	-	-	0.0%	-	
323	Printing and Related Support Activities	491	369	(122)	-24.8%	0.85	
324	Petroleum and Coal Products Manufacturing	21	22	1	4.8%	0.15	Emerging
325	Chemical Manufacturing	1,173	1,139	(34)	-2.9%	1.19	Maturing
326	Plastics and Rubber Products Manufacturing	1,726	1,635	(91)	-5.3%	2.13	Maturing
327	Nonmetallic Mineral Product Manufacturing	147	170	23	15.6%	0.32	Emerging
331	Primary Metal Manufacturing	-	-	-	0.0%	-	
332	Fabricated Metal Product Manufacturing	1,333	1,380	47	3.5%	0.75	Emerging
333	Machinery Manufacturing	793	854	61	7.7%	0.58	Emerging
334	Computer and Electronic Product Manufacturing	483	407	(76)	-15.7%	0.35	
335	Electrical Equipment, Appliance, and Component Manufacturing	-	-	-	0.0%	-	
336	Transportation Equipment Manufacturing	2,738	2,801	63	2.3%	1.46	Leading
337	Furniture and Related Product Manufacturing	39	39	-	0.0%	0.09	
339	Miscellaneous Manufacturing	928	918	(10)	-1.1%	1.28	Maturing

MANUFACTURING

LEADING, EMERGING AND MATURING INDUSTRIES IN THE EAST CENTRAL REGION



ATTACHMENT O - REGIONAL PLANNING 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				
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	21	1	1.2	4.4	\$30,748	High school diploma or equivalent	None	Short-term on-the-job training
				1	2.5	1.2				
				1	2.5	1.7				
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	17	1	3.9	1.8	\$47,898	High school diploma or equivalent	None	Long-term on-the-job training
				1	2.6	1.3				
				1	4.9	1.3				
				1	5	1.9				
				1	4.5	1.1				
				1	3.8	4				
				1	3.4	2.1				
1	5.3	2.7								
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	37	1	3.4	3.7	\$35,124	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	9.1	2.4				
Production	51-1011	1st-Line Spvrs/Mgrs, Prod. & Operating Workers**	10	1	1.4	1.4	\$55,402	Postsecondary non-degree award	1 to 5 years	None
				1	2.3	2.3				
				1	7.2	2.9				
				1	5.7	3.3				
				1	11.1	4.3				
Production	51-2092	Team Assemblers	41	1	7.8	3.2	\$28,980	High school diploma or equivalent	None	Moderate-term on-the-job training
				2	5.6	11.6				
				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				

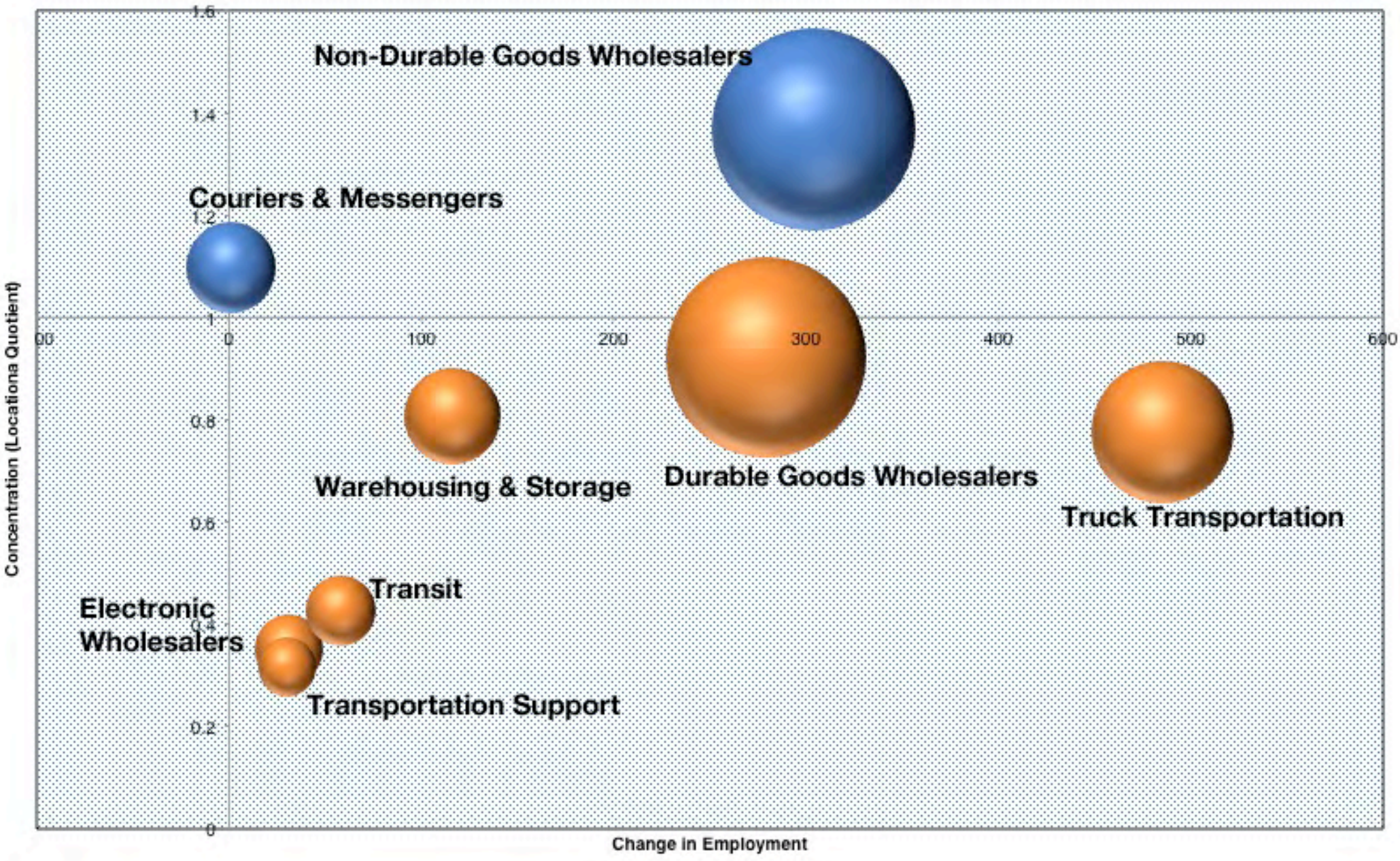
ATTACHMENT O - REGIONAL PLANNING DATA

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/Scientific**	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 Svprs/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 O - REGIONAL PLANNING 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

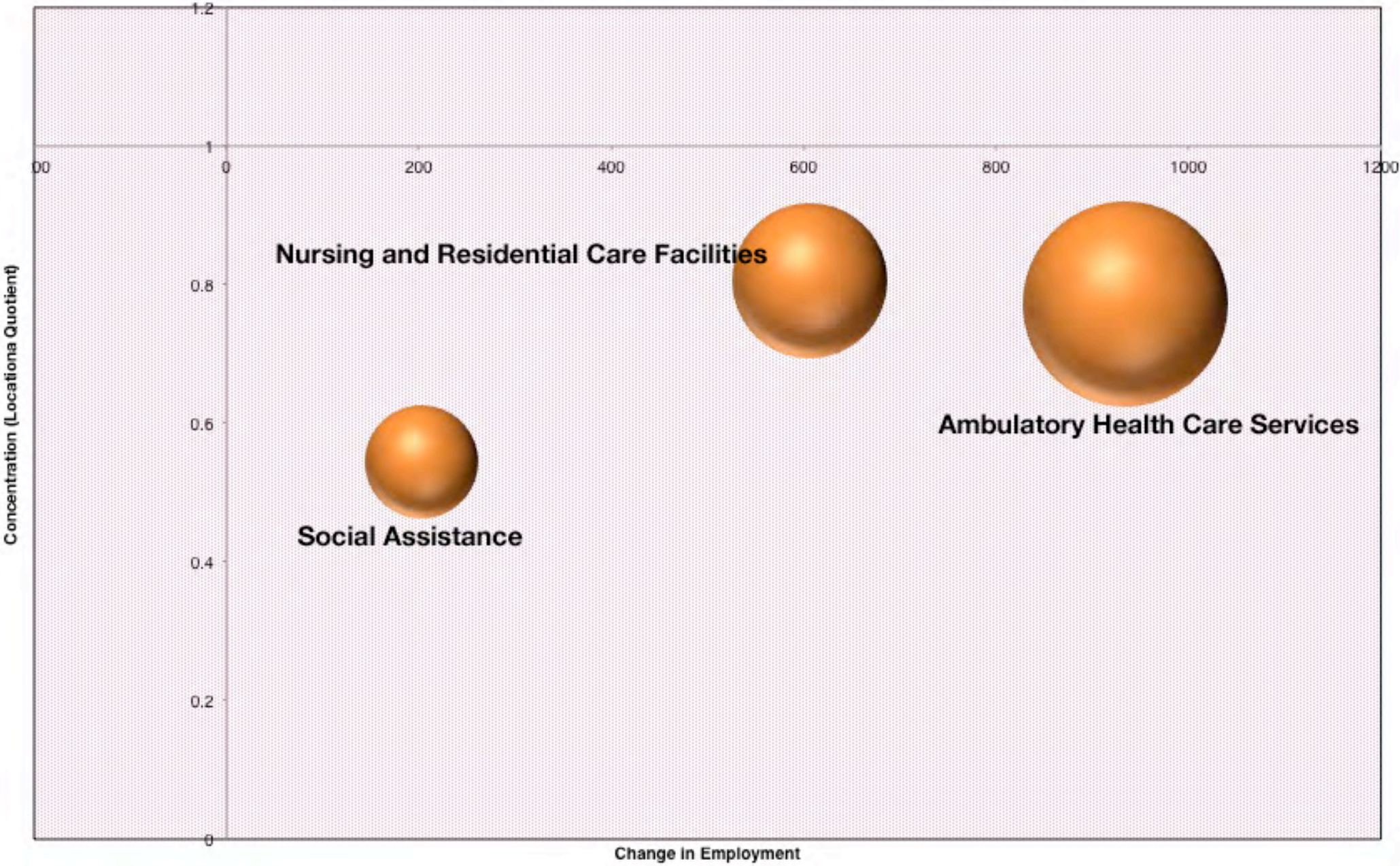
ATTACHMENT O - REGIONAL PLANNING DATA

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 Supvrs/Mgrs, Office & Adm. Support Wkrs**	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				
				1	2.2	5.3				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	24	2	8.4	2.5	\$26,854	High school diploma or equivalent	None	Short-term on-the-job training
				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 O - REGIONAL PLANNING 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	?	0.6

ATTACHMENT O - REGIONAL PLANNING 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 O - REGIONAL PLANNING 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
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
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 O - REGIONAL PLANNING 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 O - REGIONAL PLANNING DATA

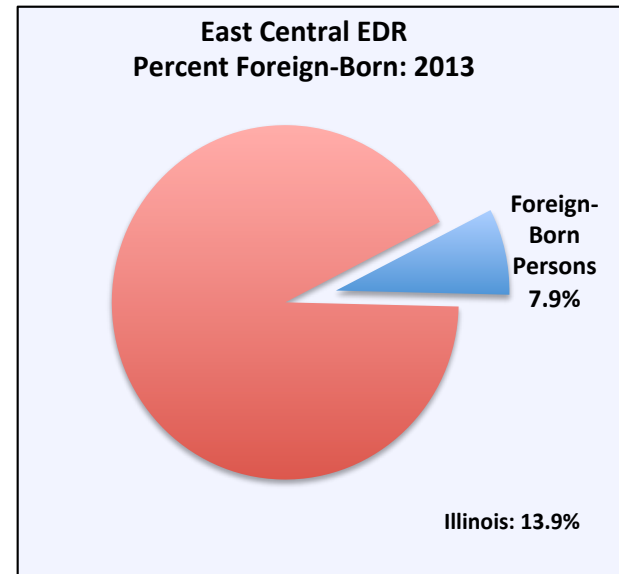
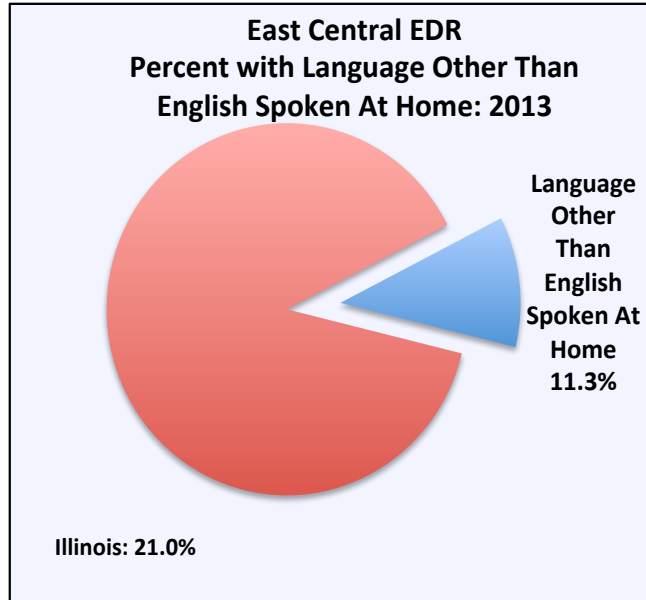
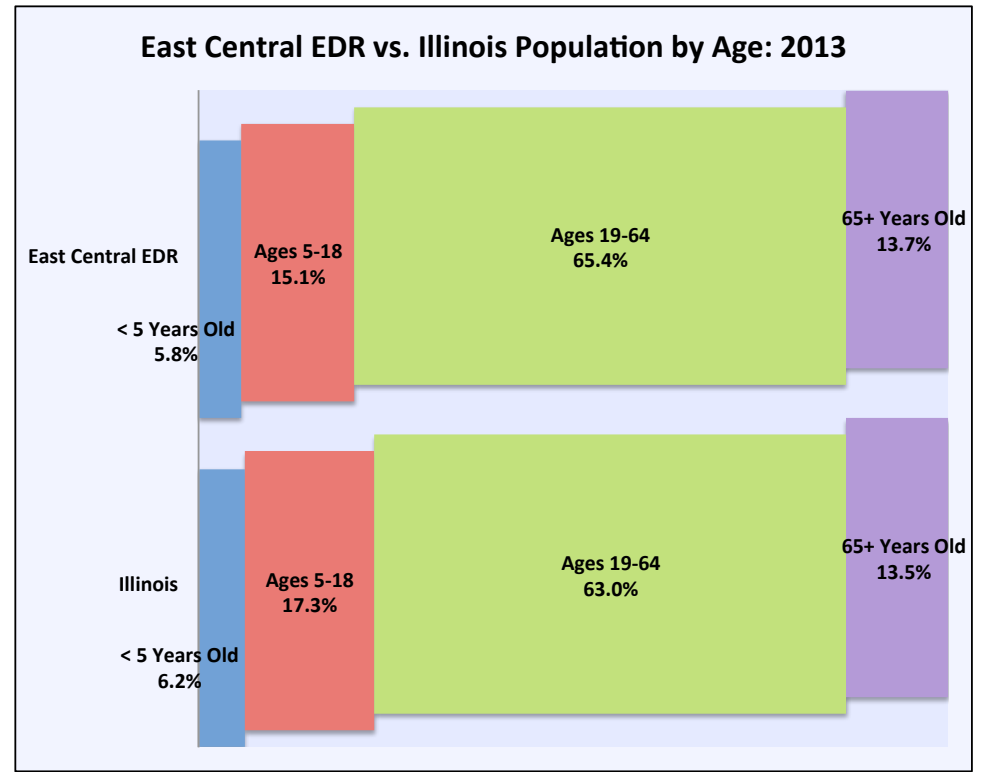
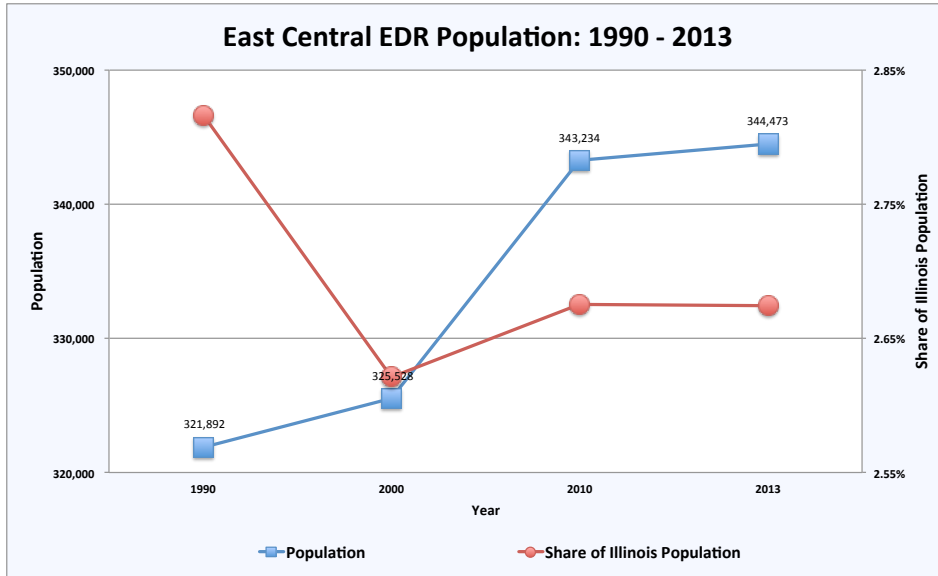
TRANSPORTATION, DISTRIBUTION & LOGISTICS					
EAST CENTRAL REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
Truck Drivers, Light & Delivery Services and 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 O - REGIONAL PLANNING 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					
51.0813	Chiropractic Assistant/Technician					
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			

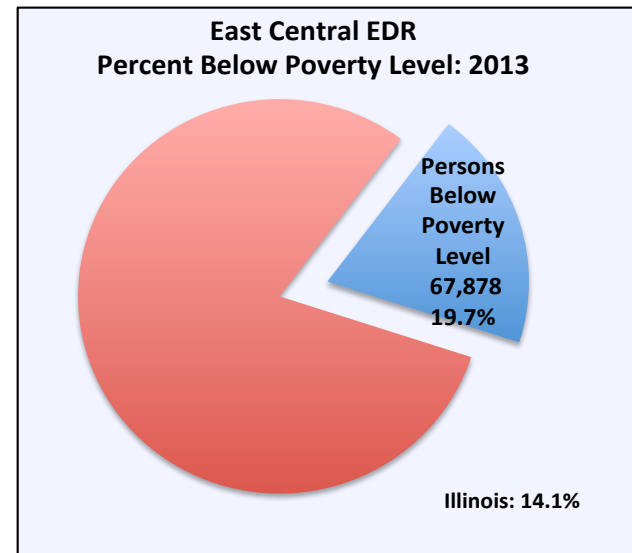
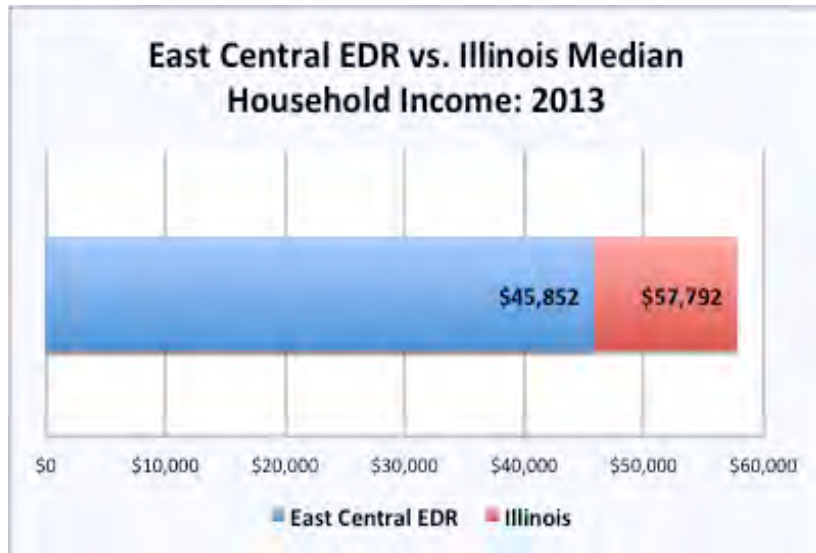
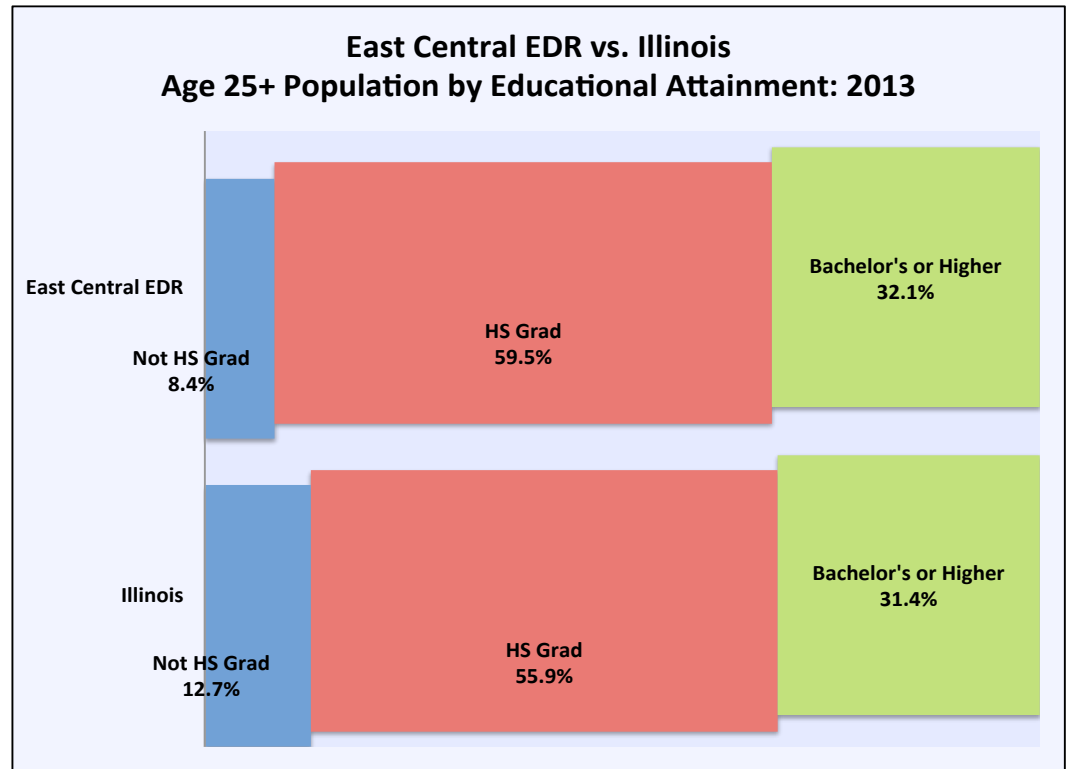
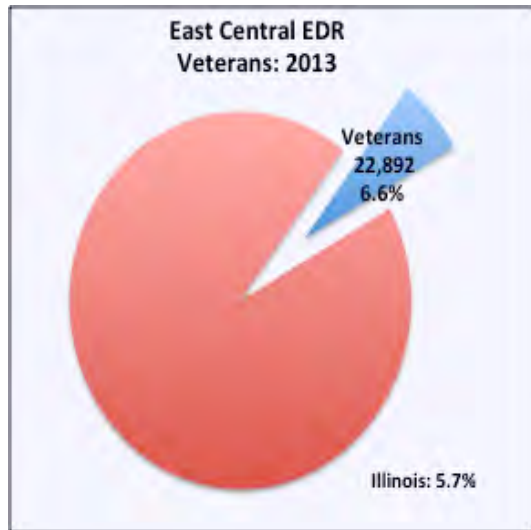
Notes: ** denotes occupations which occur in multiple clusters/pathways

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING DATA

East 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
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

East 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
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%

East 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
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 O - REGIONAL PLANNING DATA

East Central Economic Development Region - Illinois Community College System																			
Fiscal Year 2014 Summary of Graduates by Career Cluster																			
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
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

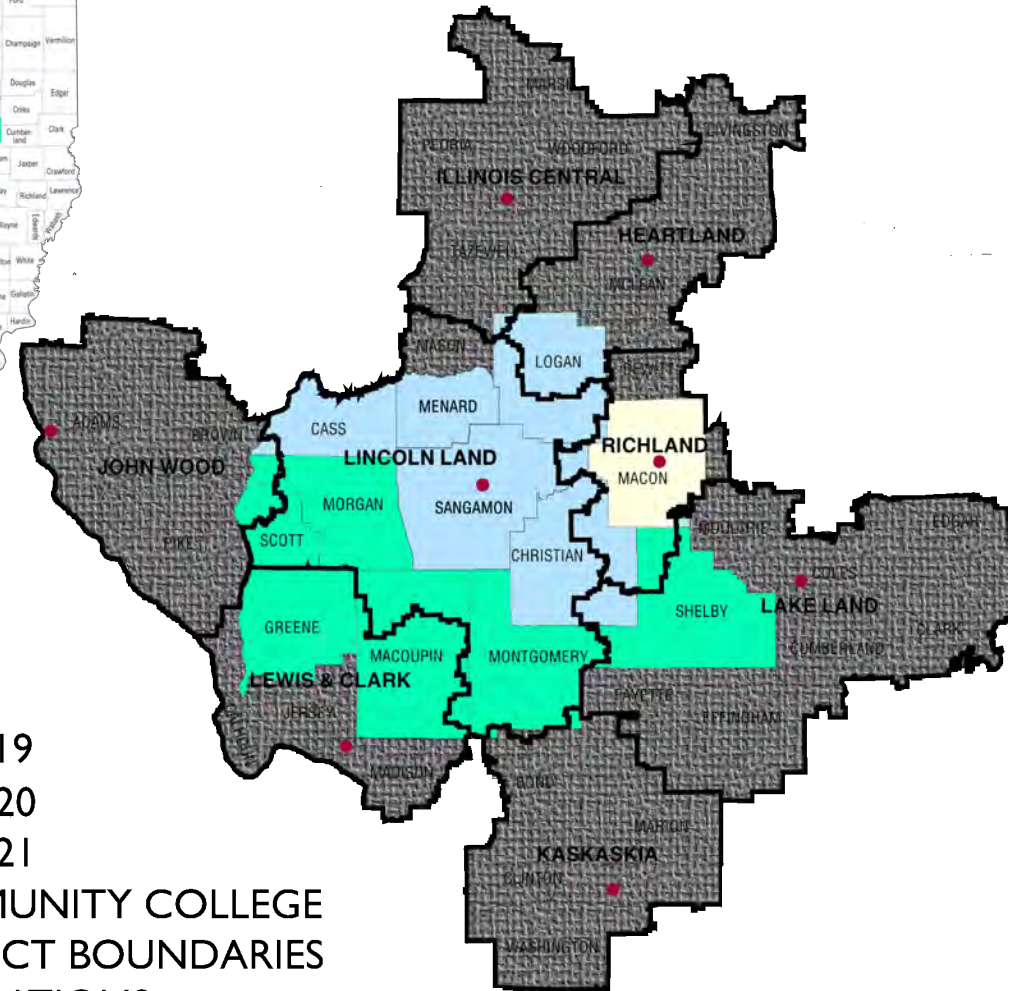
SELECTED TARGET POPULATION CHARACTERISTICS

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

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



- LWIA 19
- LWIA 20
- LWIA 21
- COMMUNITY COLLEGE DISTRICT BOUNDARIES & LOCATIONS

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%

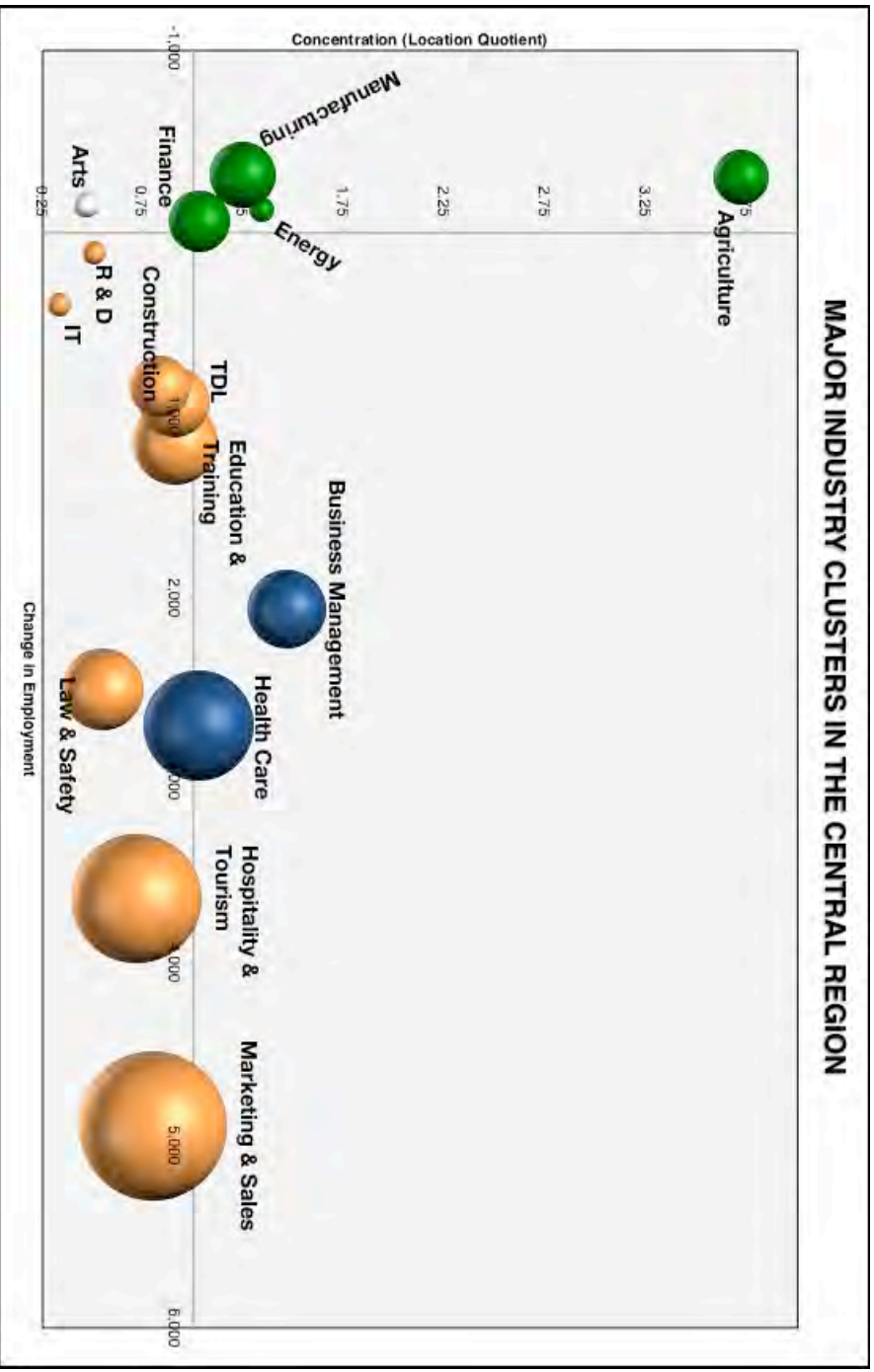
Source: US Census Bureau Annual County Resident Population Estimates for 2013

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

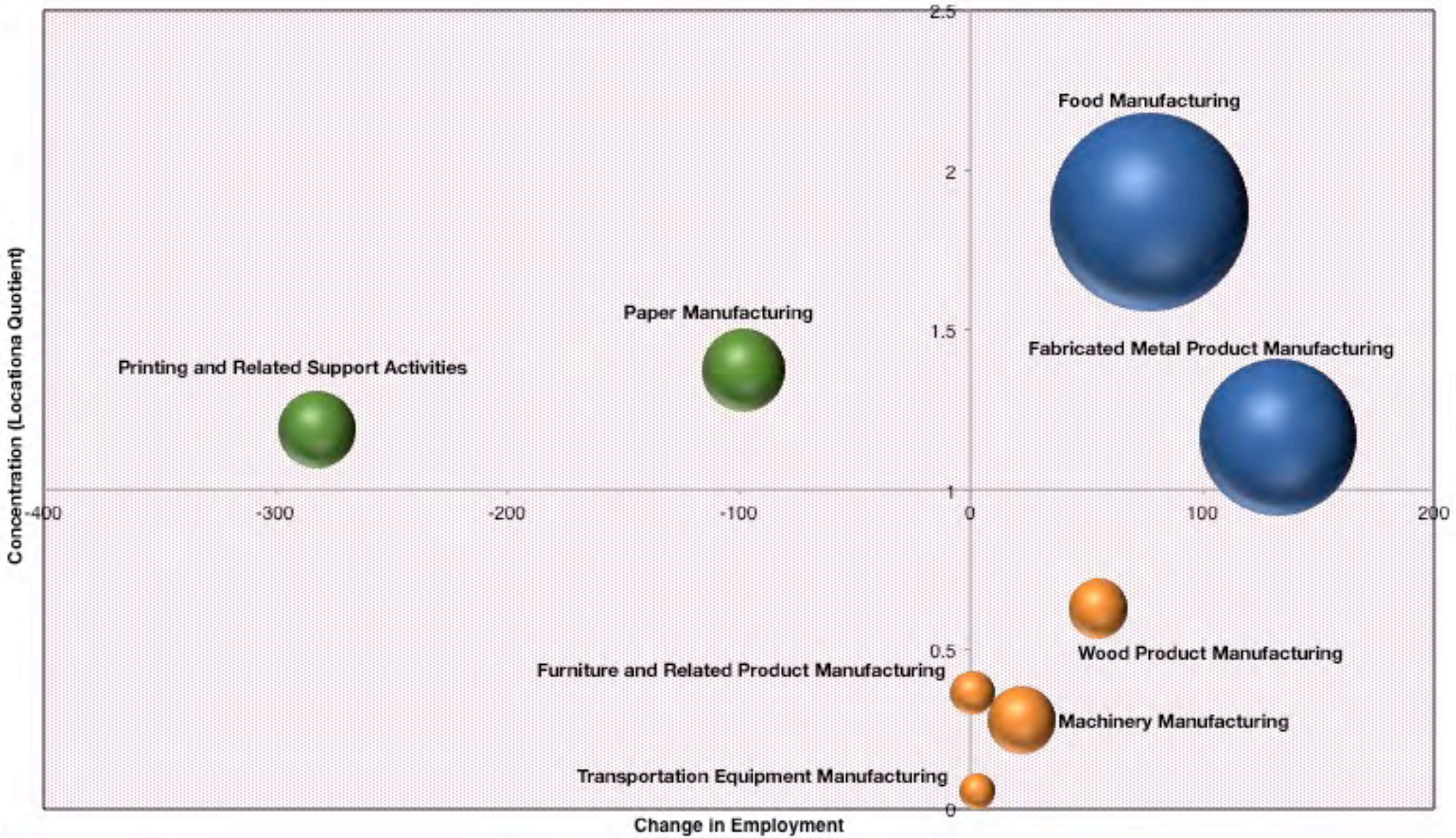
MAJOR INDUSTRY CLUSTERS IN THE CENTRAL REGION



MANUFACTURING							
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
311	Food Manufacturing	5,670	5,747	77	1.4%	1.87	Leading
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%	-	
321	Wood Product Manufacturing	443	498	55	12.4%	0.63	Emerging
322	Paper Manufacturing	1,083	985	(98)	-9.0%	1.37	Maturing
323	Printing and Related Support Activities	1,141	859	(282)	-24.7%	1.19	Maturing
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	
332	Fabricated Metal Product Manufacturing	3,406	3,539	133	3.9%	1.16	Leading
333	Machinery Manufacturing	636	658	22	3.5%	0.28	Emerging
334	Computer and Electronic Product Manufacturing	1,058	873	(185)	-17.5%	0.47	
335	Electrical Equipment, Appliance, and Component Manufacturing	-	-	-	0.0%	-	
336	Transportation Equipment Manufacturing	178	181	3	1.7%	0.06	Emerging
337	Furniture and Related Product Manufacturing	265	266	1	0.4%	0.36	Emerging
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 Openings in this Industry	Annual Occupation Openings in this Industry	2022 Percent of Employment in this Industry/ Occupation	
						Industry	Occupation
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	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	1	6.3	1.8
336 Transportation Equipment Manufacturing				1	1	11.9	2.2
334 Computer and Electronic Product Manufacturing	Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale Tech/Software**	13	1	3.9	1.7
311 Food Manufacturing				1	1	1	1.1
311 Food Manufacturing				1	1	1.2	4.4
323 Printing and Related Support Activities	Manufacturing Production Process Development	41-4012	Sales Reps/Wholesale/Mfg./Ex. Tech/Scientific**	60	1	2	2.1
332 Fabricated Metal Product Manufacturing				1	1	1.4	2.3
333 Machinery Manufacturing				1	1	1.4	2.3
311 Food Manufacturing	Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	28	1	2.6	1.3
325 Chemical Manufacturing				1	1	1.9	1.8
326 Plastics and Rubber Products Manufacturing				1	1	3.9	1.8
331 Primary Metal Manufacturing	Maintenance Installation & Repair	49-9041	Industrial Machinery Mechanics**	25	1	3.4	2.1
333 Machinery Manufacturing				1	1	3.8	4
332 Fabricated Metal Product Manufacturing				1	1	4.5	1.1
333 Machinery Manufacturing				1	1	5	1.9
336 Transportation Equipment Manufacturing				1	1	4.9	1.3
311 Food Manufacturing				1	1	2.3	2.3
325 Chemical Manufacturing				1	1	1.2	2.4
331 Primary Metal Manufacturing	Maintenance Installation & Repair	49-9071	General Maintenance & Repair Workers**	46	1	1.1	4.4
332 Fabricated Metal Product Manufacturing				1	1	1.4	1.4
336 Transportation Equipment Manufacturing				1	1	1.2	1.2
311 Food Manufacturing				1	1	7.8	3.2
325 Chemical Manufacturing				1	1	4.9	3.9
326 Plastics and Rubber Products Manufacturing				1	1	4.5	4.4
332 Fabricated Metal Product Manufacturing	Production	51-1011	1st-Line Spvs./Mfgs, Prod. & Operating Workers**	16	2	11.1	4.3
333 Machinery Manufacturing				1	1	5.7	3.3
336 Transportation Equipment Manufacturing				1	1	7.2	2.9
339 Miscellaneous Manufacturing				1	1	3.2	3.5
311 Food Manufacturing				1	1	2.5	1.9
321 Wood Product Manufacturing				2	2	3.3	9.1
325 Chemical Manufacturing				1	1	1.2	1.8
326 Plastics and Rubber Products Manufacturing				2	2	3.6	6.5
327 Nonmetallic Mineral Product Manufacturing				1	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	5	10	10.7
334 Computer and Electronic Product Manufacturing				2	2	3.6	4.1
335 Electrical Equipment, Appliance, and Component Manufacturing				2	2	3.8	12.8
336 Transportation Equipment Manufacturing				9	9	20.3	15.1
337 Furniture and Related Product Manufacturing				2	2	3.3	9.9
339 Miscellaneous Manufacturing				3	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	1	4.5	1.2
331 Primary Metal Manufacturing				1	1	4	1.8
332 Fabricated Metal Product Manufacturing				5	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	1	5	0.9
336 Transportation Equipment Manufacturing				2	2	18.2	2
339 Miscellaneous Manufacturing				1	1	3.9	1.2
331 Primary Metal Manufacturing				1	1	1.9	2.2
332 Fabricated Metal Product Manufacturing				11	11	35.1	10.2
333 Machinery Manufacturing	Production	51-4041	Mechanists**	32	1	3	1.4
334 Computer and Electronic Product Manufacturing				1	1	1.6	2.2
335 Electrical Equipment, Appliance, and Component Manufacturing				4	4	12	3.6
336 Transportation Equipment Manufacturing				1	1	2.7	2.3
339 Miscellaneous Manufacturing				3	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	2	12.5	3.3
336 Transportation Equipment Manufacturing				1	1	6.6	2.2
311 Food Manufacturing				1	1	4.8	3.2
325 Chemical Manufacturing				1	1	5.6	4.7
326 Plastics and Rubber Products Manufacturing				2	2	8.9	2.9
332 Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	18	1	4.7	2.3
333 Machinery Manufacturing				1	1	5.4	2.8
334 Computer and Electronic Product Manufacturing				2	2	10	3.4
336 Transportation Equipment Manufacturing				1	1	2.9	2.7
339 Miscellaneous Manufacturing				8	8	30.3	7.8
311 Food Manufacturing				1	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	3	11.8	6
325 Chemical Manufacturing				1	1	3.6	2.2
326 Plastics and Rubber Products Manufacturing				3	3	10.9	2
311 Food Manufacturing				1	1	2.4	1.8
322 Paper Manufacturing				1	1	3.5	1.2
325 Chemical Manufacturing				1	1	2.4	1
326 Plastics and Rubber Products Manufacturing				1	1	2.4	1.1
327 Nonmetallic Mineral Product Manufacturing	Production	51-9199	Production Workers, All Other	28	1	2.1	1.3
332 Fabricated Metal Product Manufacturing				1	1	3.8	0.7
333 Machinery Manufacturing				1	1	2.9	0.7
336 Transportation Equipment Manufacturing				1	1	4.8	0.9
339 Miscellaneous Manufacturing				1	1	2.8	1.4

MANUFACTURING

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

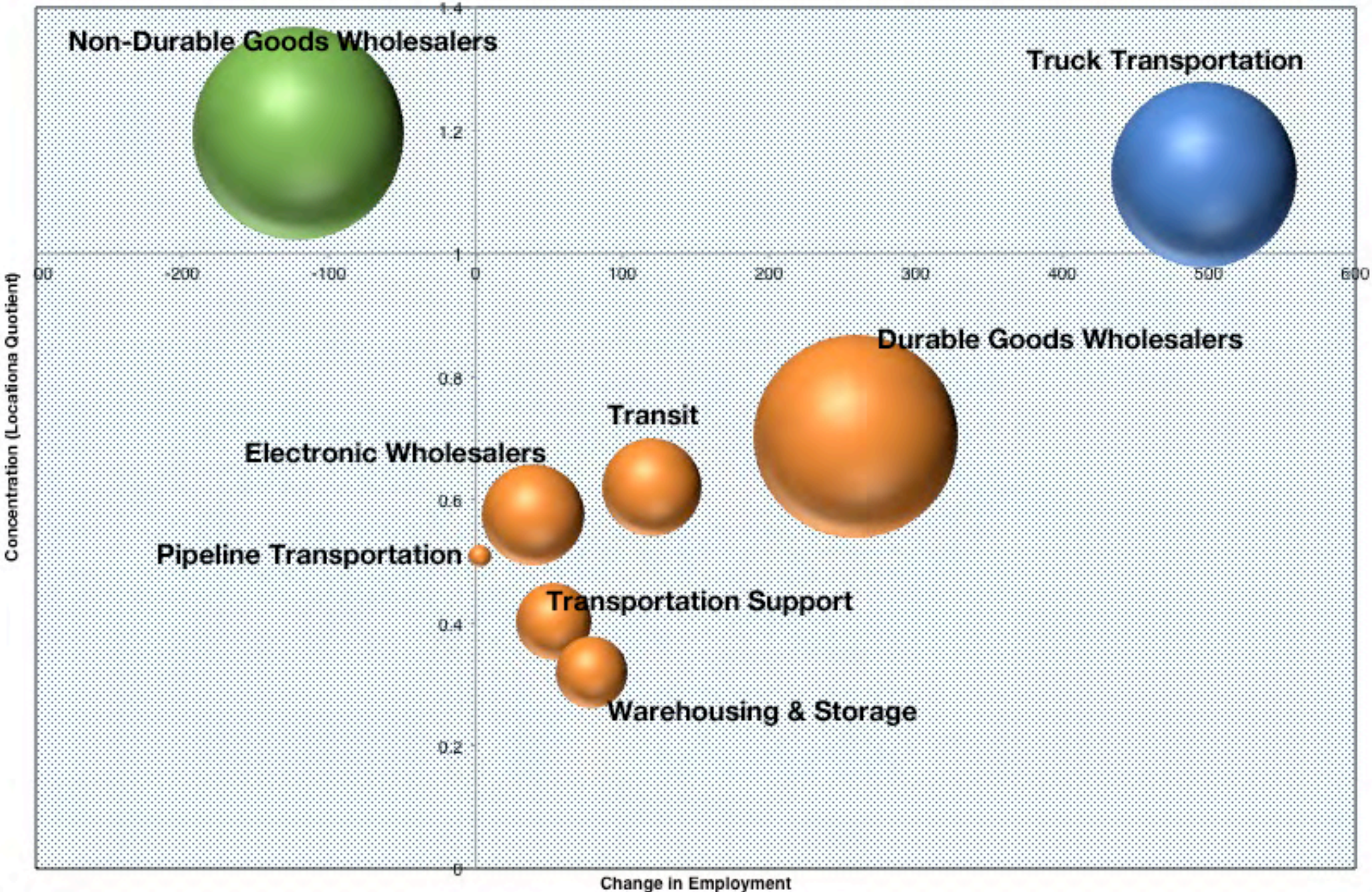
Industry	SOC Code	SOC Title	Average Annual Job Openings in this Industry	Annual Occupation in this Industry		2022 Percent of Employment in this Industry	2022 Percent of Occupation that is in this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
				Industry	Occupation						
Manufacturing Production Process Development	15-1132	Software Developers, Applications**	19	1	3.5	2.8	\$78,631	Bachelor's degree	None	None	
				1	10.8	5.6	\$84,381	Bachelor's degree	None	None	
Manufacturing Production Process Development	15-1133	Software Developers, Systems Software**	10	1	6.2	1.1		Bachelor's degree	None	None	
				1	17.3	3.3	\$63,150	Bachelor's degree	None	None	
Manufacturing Production Process Development	17-2141	Mechanical Engineers**	10	1	6.3	1.8		Bachelor's degree	None	None	
				1	11.9	2.2					
Manufacturing Production Process Development	41-4011	Sales Reps, Wholesale, Retail/Wholesale**	13	1	3.9	1.7	\$72,246	Bachelor's degree	None	Moderate-term on-the-job training	
				1	1	1.1					
Manufacturing Production Process Development	41-4012	Sales Rep./Wholesale/Mfg. Eq. Tech./Scientific**	60	1	1.2	4.4	\$46,613	High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	2	2.1					
Manufacturing Production Process Development	41-4012	Sales Rep./Wholesale/Mfg. Eq. Tech./Scientific**	60	1	1.4	2.3		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	2.6	1.3					
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	28	1	1.9	1.8	\$29,494	High school diploma or equivalent	None	Short-term on-the-job training	
				1	3.9	1.8					
Logistics & Inventory Control	43-5071	Shipping Receiving & Traffic Clerks**	28	1	2.5	1.7		High school diploma or equivalent	None	Short-term on-the-job training	
				1	2.5	1.2					
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	25	2	9.1	2.4		High school diploma or equivalent	None	Long-term on-the-job training	
				1	4.9	1.3					
Maintenance, Installation & Repair	49-9041	Industrial Machinery Mechanics**	25	1	2.3	2.3		High school diploma or equivalent	None	Long-term on-the-job training	
				1	1.2	2.4					
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	46	1	1.1	4.4	\$56,136	High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	1.4	1.4					
Maintenance, Installation & Repair	49-9071	General Maintenance & Repair Workers**	46	1	1.2	1.2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	7.8	3.2					
Production	51-1011	1st-Line Spers./Mfgs. Prod. & Operating Workers**	16	1	4.5	4.4	\$55,547	Postsecondary non-degree award	1 to 5 years	None	
				1	5.7	3.3					
Production	51-1011	1st-Line Spers./Mfgs. Prod. & Operating Workers**	16	1	7.2	2.9		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	3.2	3.5					
Production	51-1011	1st-Line Spers./Mfgs. Prod. & Operating Workers**	16	1	2.5	1.9		High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	3.3	9.1					
Production	51-1011	1st-Line Spers./Mfgs. Prod. & Operating Workers**	16	1	1.2	1.8		High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	3.6	6.5					
Production	51-2092	Team Assemblers	46	1	1.2	3.2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				3	7.3	5.3					
Production	51-2092	Team Assemblers	46	5	10	10.7	\$33,134	High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	3.6	4.1					
Production	51-2092	Team Assemblers	46	2	3.8	12.8		High school diploma or equivalent	None	Moderate-term on-the-job training	
				9	20.3	15.1					
Production	51-2092	Team Assemblers	46	2	3.3	9.9		High school diploma or equivalent	None	Moderate-term on-the-job training	
				3	5.6	11.6					
Production	51-3092	Food Batchmakers	23	1	4.5	5.6		High school diploma or equivalent	Less than 1 year	Short-term on-the-job training	
				1	4	1.8					
Production	51-3092	Food Batchmakers	23	1	3.9	1.2		High school diploma or equivalent	Less than 1 year	Short-term on-the-job training	
				1	1.9	2.2					
Production	51-4011	Computer-Controlled Machine Tool Operators**	13	1	35.1	10.2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	18.4	2.9					
Production	51-4011	Computer-Controlled Machine Tool Operators**	13	1	5	0.9		High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	18.2	2					
Production	51-4041	Machinists**	32	1	3.9	1.2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	1.9	2.2					
Production	51-4041	Machinists**	32	1	16.6	7		High school diploma or equivalent	None	Long-term on-the-job training	
				5	16.6	7					
Production	51-4041	Machinists**	32	1	3	1.4		High school diploma or equivalent	None	Long-term on-the-job training	
				1	1.6	2.2					
Production	51-4041	Machinists**	32	4	12	3.6		High school diploma or equivalent	None	Long-term on-the-job training	
				1	2.7	2.3					
Production	51-4121	Welders, Cutters, Solderers & Brazers**	14	3	24.3	6.2		High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training	
				2	13.2	4.9					
Production	51-4121	Welders, Cutters, Solderers & Brazers**	14	2	12.5	3.3		High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training	
				1	6.6	2.2					
Production	51-4121	Welders, Cutters, Solderers & Brazers**	14	1	4.8	3.2		High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training	
				1	5.6	4.7					
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	18	2	8.9	2.9	\$33,474	High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	4.7	2.3					
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	18	1	5.4	2.8		High school diploma or equivalent	None	Moderate-term on-the-job training	
				2	10	3.4					
Manufacturing Production Process Development	51-9061	Inspectors, Testers, Sorters & Weighers	18	1	2.9	2.7		High school diploma or equivalent	None	Moderate-term on-the-job training	
				8	30.3	7.8					
Production	51-9111	Packaging & Filling Machine Operators & Tenders	27	1	5.2	10.3		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	1.9	2.1					
Production	51-9111	Packaging & Filling Machine Operators & Tenders	27	3	11.8	6		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	3.6	2.2					
Production	51-9199	Production Workers, All Other	28	3	10.9	2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	2.4	1.8					
Production	51-9199	Production Workers, All Other	28	1	3.5	1.2		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	2.4	1					
Production	51-9199	Production Workers, All Other	28	1	2.1	1.3		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	3.8	0.7					
Production	51-9199	Production Workers, All Other	28	1	2.9	0.7		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	4.8	0.9					
Production	51-9199	Production Workers, All Other	28	1	2.8	1.4		High school diploma or equivalent	None	Moderate-term on-the-job training	
				1	2.8	1.4					

ATTACHMENT O - REGIONAL PLANNING DATA

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 O - REGIONAL PLANNING 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

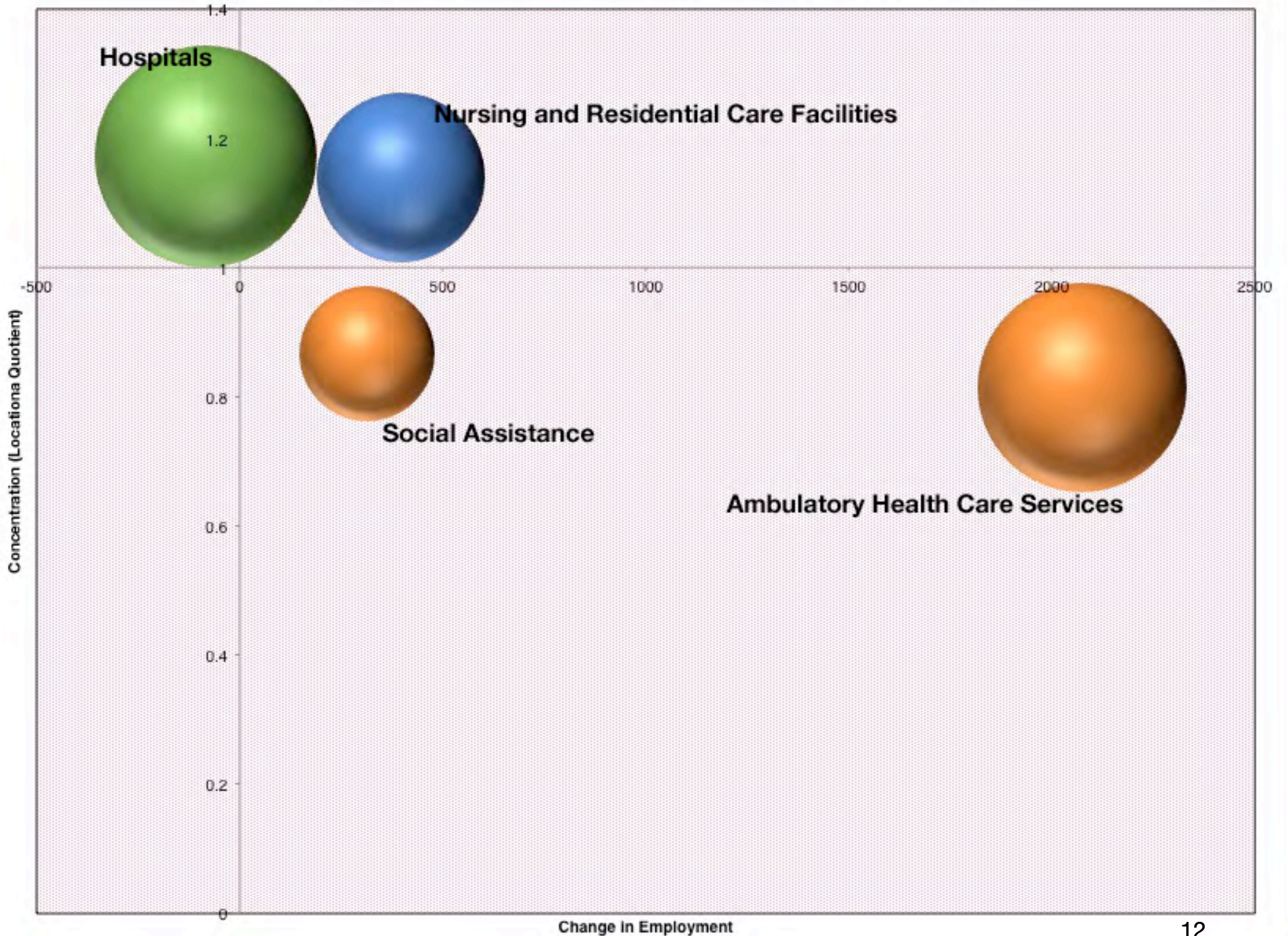
ATTACHMENT O - REGIONAL PLANNING DATA

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
				1	10.6	1				
Facility and Mobile Equipment Maintenance	49-3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	11	2	18.6	3.5	\$34,520	High school diploma or equivalent	None	Long-term on-the-job training
				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				
Transportation Operations	53-3033	Truck Drivers, Light & Delivery Services	31	2	2.2	5.3	\$24,046	High school diploma or equivalent	None	Short-term on-the-job training
				3	8.4	2.5				
				2	7.6	3.2				
				1	1.8	1.4				
				2	6.1	3.6				
Transportation Operations	53-5021	Captains, Mates, Pilots of Water Vessels	11	5	42.8	22.9	N/A	Bachelor's degree	None	None
				1	6.1	7.7				
				1	1.9	2.1				
				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 Occupation in this Industry		2022 Percent of Employment in this Industry	
						Occupation in Industry	Openings	Occupation that is in this Industry	Occupation
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					2	10.8	1.1	
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors**	10	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					2	20.1	0.9	
621	Ambulatory Health Care Services	Support Services	21-1015	Rehabilitation Counselors	13	1	7.0	0.1	
623	Nursing and Residential Care Facilities					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					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					1	6.7	0.5	
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	150	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					1	0.9	0.8	
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	12	5	44.3	1.1	
622	Hospitals					5	41.4	1.3	
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	28	15	55.0	1.8	
622	Hospitals					4	15.2	0.7	
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	14	2	16.2	1.0	
621	Ambulatory Health Care Services	Therapeutic Services	29-2061	Licensed Practical Nurses	42	12	28.9	3.0	
622	Hospitals					7	16.3	2.3	
623	Nursing and Residential Care Facilities					16	39.1	9.1	
624	Social Assistance					1	1.4	0.4	
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	15	5	35.4	0.9	
622	Hospitals					6	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	79	7	9.0	1.8	
622	Hospitals					19	24.4	6.6	
623	Nursing and Residential Care Facilities					43	53.9	24.4	
624	Social Assistance					2	1.9	1.0	
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	10	95.4	4.1	
622	Hospitals					32	79.7	6.6	
623	Nursing and Residential Care Facilities	Health Informatics	31-9092	Medical Assistants	40	5	12.4	1.4	
624	Social Assistance					1	2.0	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					1	8.5	0.3	
624	Social Assistance					1	1.2	0.2	
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	1.2	0.2	
622	Hospitals					1	1.2	0.2	
623	Nursing and Residential Care Facilities					1	2.7	0.7	
624	Social Assistance					1	2.7	0.7	
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	24	3	11.8	0.6	
622	Hospitals					1	4.6	0.3	
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	54	2	40.6	5.3	
624	Social Assistance					2	3.7	0.6	
						2	2.9	0.8	
						1	2.0	0.6	

ATTACHMENT

HEALTH CARE

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	2022 Percent of Employment in this Industry		
						Annual Occupation Openings in Industry	that is in this Occupation	
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				6	30.0	2.1
622	Hospitals		11-9111	Medical & Health Services Managers	21	8	36.4	1.3
623	Nursing and Residential Care Facilities					2	10.8	1.1
621	Ambulatory Health Care Services	Support Services	21-1014	Mental Health Counselors**	10	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					2	20.1	0.9
621	Ambulatory Health Care Services	Support Services	21-1015	Rehabilitation Counselors	13	1	7.0	0.1
623	Nursing and Residential Care Facilities					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					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					1	6.7	0.5
621	Ambulatory Health Care Services	Therapeutic Services	29-1141	Registered Nurses	150	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					1	0.9	0.8
621	Ambulatory Health Care Services	Diagnostic Services	29-2012	Medical & Clinical Lab Technicians	12	5	44.3	1.1
622	Hospitals					5	41.4	1.3
621	Ambulatory Health Care Services	Therapeutic Services	29-2041	Emergency Medical Techs & Paramedics	28	15	55.0	1.8
622	Hospitals					4	15.2	0.7
622	Hospitals	Therapeutic Services	29-2052	Pharmacy Technicians	14	2	16.2	1.0
621	Ambulatory Health Care Services					12	28.9	3.0
622	Hospitals					7	16.3	2.3
623	Nursing and Residential Care Facilities	Therapeutic Services	29-2061	Licensed Practical Nurses	42	16	39.1	9.1
624	Social Assistance					1	1.4	0.4
621	Ambulatory Health Care Services	Health Informatics	29-2071	Med Records & Health Info Technicians	15	5	35.4	0.9
622	Hospitals					6	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	79	7	9.0	1.8
622	Hospitals					19	24.4	6.6
623	Nursing and Residential Care Facilities					43	53.9	24.4
624	Social Assistance					2	1.9	1.0
621	Ambulatory Health Care Services	Therapeutic Services	31-9091	Dental Assistants	10	10	95.4	4.1
622	Hospitals					32	79.7	6.6
623	Nursing and Residential Care Facilities	Health Informatics	31-9092	Medical Assistants	40	5	12.4	1.4
624	Social Assistance					1	2.0	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					1	8.5	0.3
624	Social Assistance					1	1.2	0.2
621	Ambulatory Health Care Services	Health Informatics	35-1012	1st-Line Svcs/Mgrs, Food Prep/Serv **	54	1	1.2	0.2
622	Hospitals					1	2.7	0.7
623	Nursing and Residential Care Facilities					1	2.7	0.7
624	Social Assistance					1	2.7	0.7
621	Ambulatory Health Care Services	Health Informatics	43-3011	Bill and Account Collectors**	24	3	11.8	0.6
622	Hospitals					1	4.6	0.3
623	Nursing and Residential Care Facilities	Health Informatics	43-4171	Receptionists & Information Clerks **	54	2	3.7	0.6
624	Social Assistance					2	2.9	0.8
						1	2.0	0.6

ATTACHMENT

INFORMATION TECHNOLOGY

INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE CENTRAL REGION

SOC Code	SOC Title	Average Annual Job Openings	DESCRIPTION		Annual Occupational Openings in Industry	2022 Percent of occupation
			NAICS			
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
15-1131	Computer Programmers	16	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
			524	Insurance carriers and related activities	1	3.6
			551	Management of companies and enterprises	1	3.5
15-1132	Software Developers, Applications	19	5112	Software publishers	1	5.4
			5415	Computer systems design and related services	6	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
15-1133	Software Developers, Systems Software	10	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	7	38.9
			5416	Management, scientific, and technical consulting services	1	4.1
15-1142	Network & Computer Sys. Administrators	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	4	37.8
15-1151	Computer User Support Specialists	13	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
			551	Management of companies and enterprises	0	5.2
15-1151	Computer User Support Specialists	13	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
			551	Management of companies and enterprises	1	4.4
15-1151	Computer User Support Specialists	13	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				
	48.0501	Machine Tool Technology			
Machinists**	Community Colleges	Lewis & Clark CC	10	< 1 Yr-Cert	
	48.0503	Mach Shop Technology			No Programs in this EDR
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			
		Lincolnland CC	16	< 1 Yr-Cert	
	Community Colleges	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				
		Community Colleges	Lewis & Clark CC	107	Associate	Lincolnland CC
			Lincolnland CC	104	Associate	MacMurray College
			Richland CC	50	Associate	Millikin University
			MacMurray 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				
		Community Colleges	Lewis & Clark CC	172	<1 Yr Cert	Capital Area Career Center
			Lincolnland CC	334	<1 Yr Cert	Decatur Public School Dist 61
						Lincolnland CC
					Midwest Technical Institute	
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		No Programs in this EDR		
	Community Colleges	Lincolnland CC	20	1-2 Yr Cert		
		Richland CC	3	<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			
Receptionists & Information Clerks **	52.0406	Receptionist		No Programs in this EDR		
	51.3901	Licensed Practical Nursing				
Licensed Practical Nurses	Community Colleges	Lincolnland CC	22	1-2 Yr Cert	Capital Area Career Center	
		Richland CC	12	1-2 Yr Cert	Lincolnland CC	
					Richland CC	

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

ATTACHMENT O - REGIONAL PLANNING DATA

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
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

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
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%

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
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.

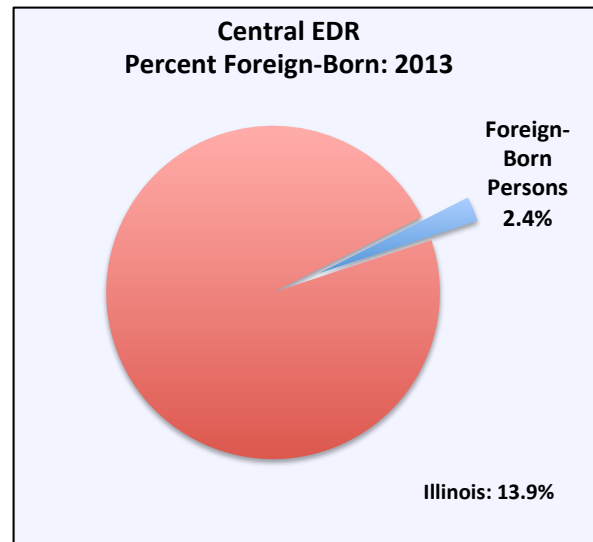
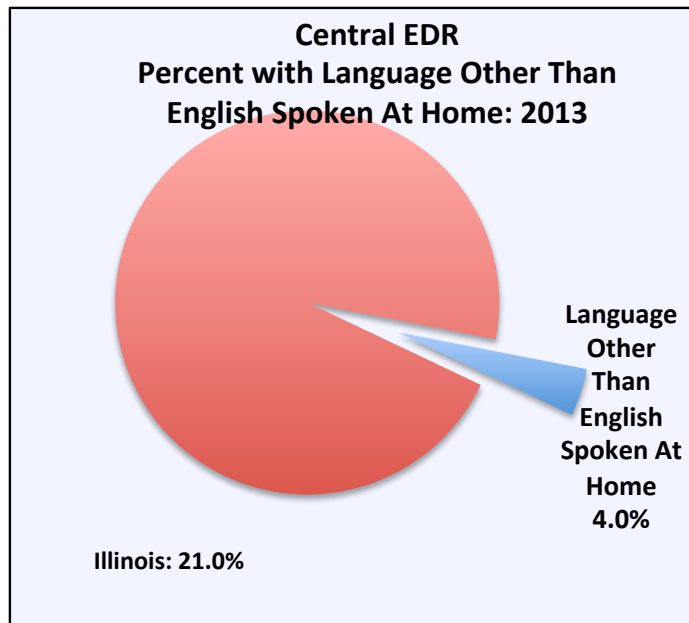
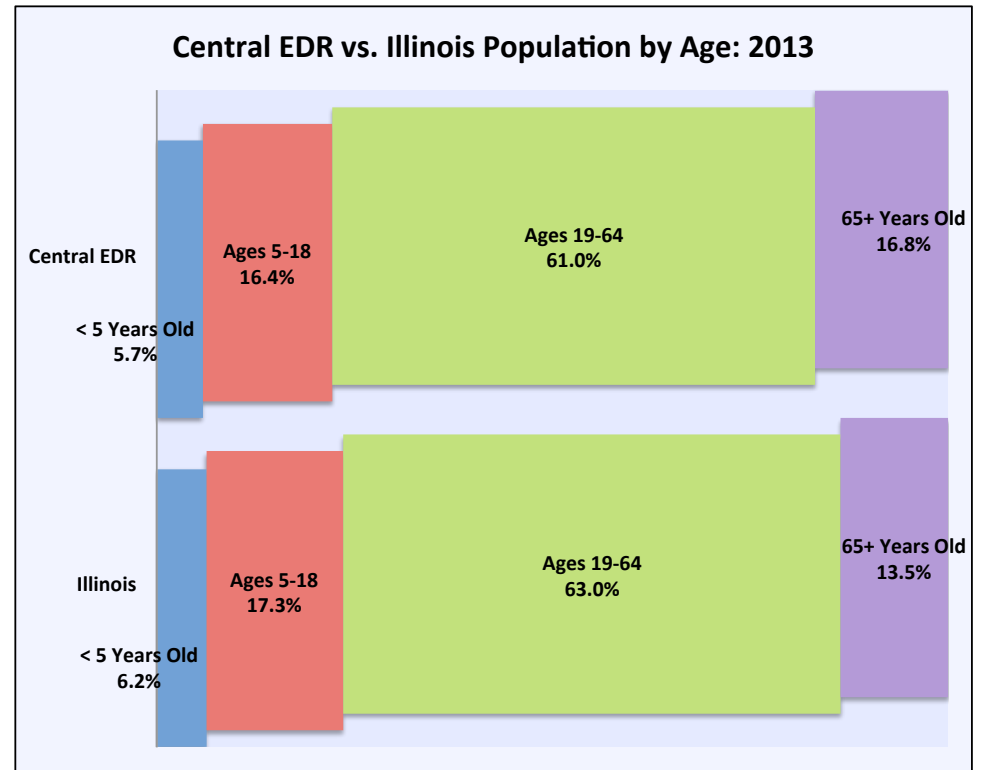
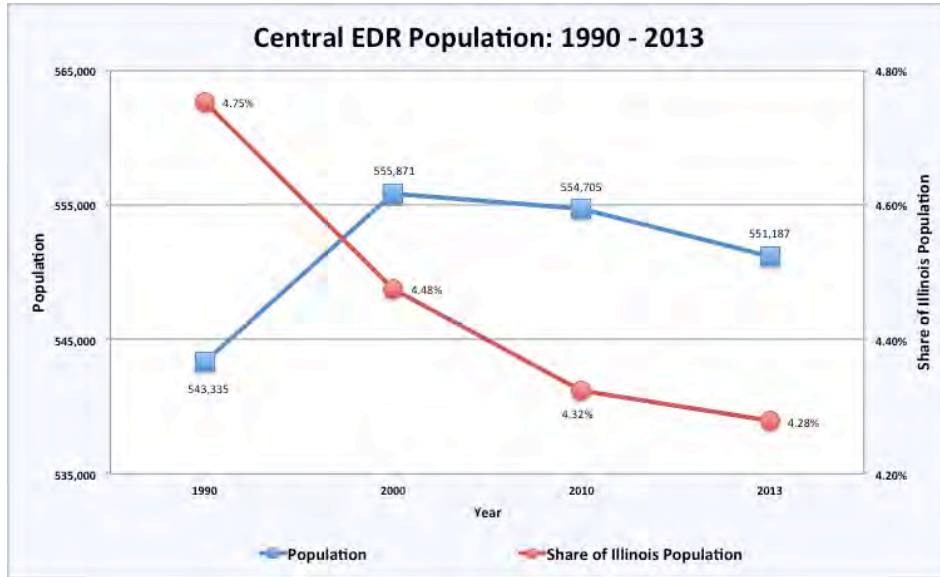
** Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

ATTACHMENT O - REGIONAL PLANNING DATA

Central Economic Development Region - Illinois Community College System																			
Fiscal Year 2014 Summary of Graduates by Career Cluster																			
Dist. No.	College	Agriculture, Food, & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business Management & Administration	Education & Training	Finance	Government & Public Administration	Health Science	Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security	Manufacturing	Marketing	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics	Other	Total*
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%

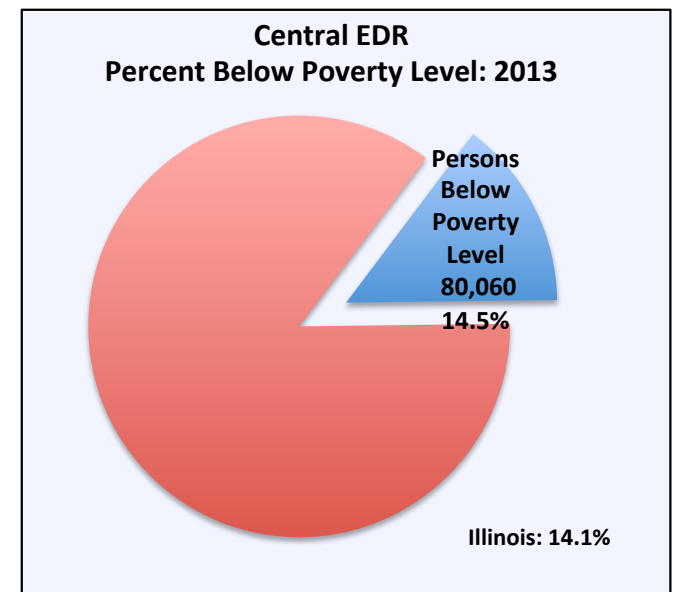
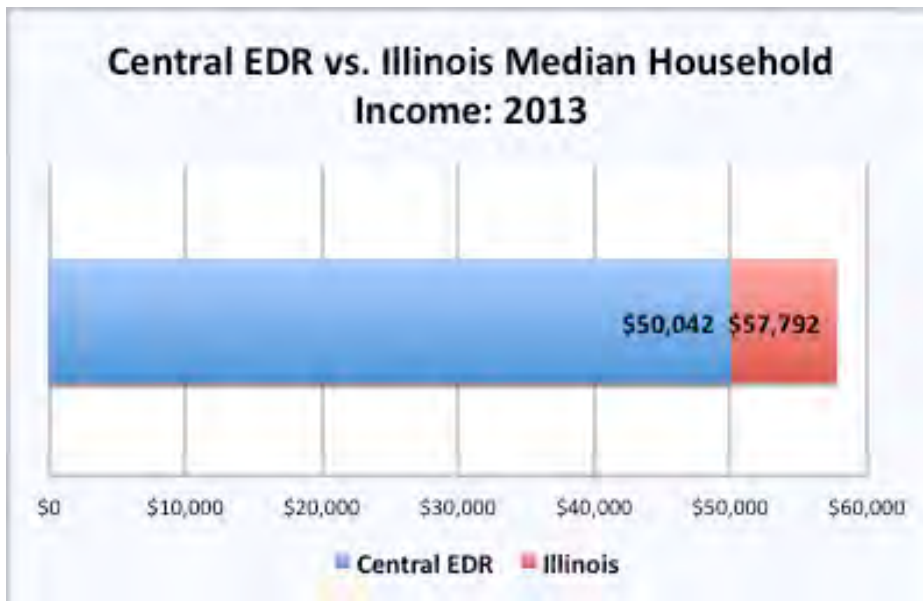
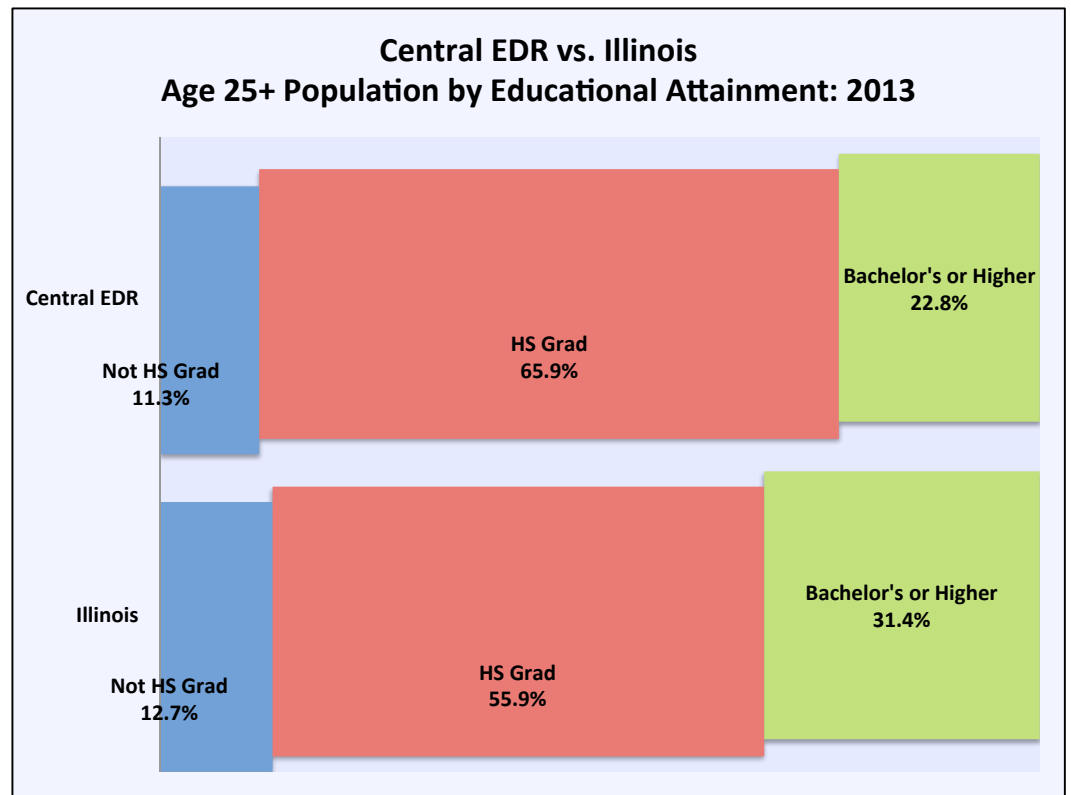
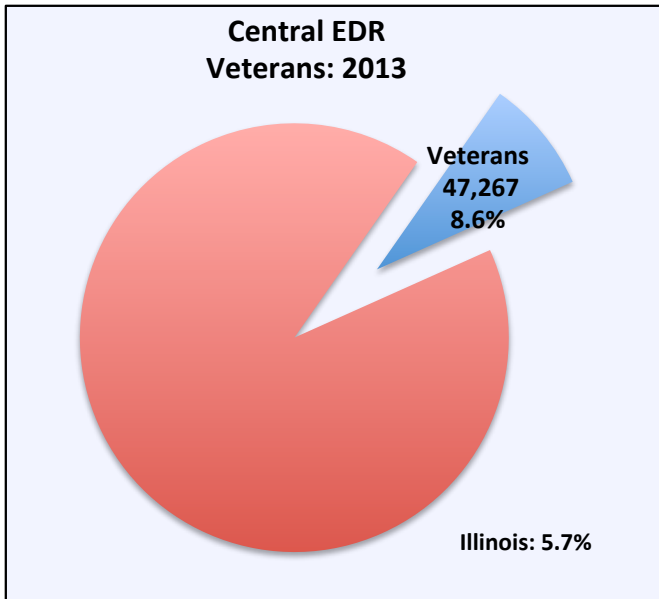
*Career Cluster graduates limited to three credentials within fiscal year 2014. Thus, Career Cluster graduate totals may be slightly less than previous graduate table totals.

ATTACHMENT O - REGIONAL PLANNING DATA



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

ATTACHMENT O - REGIONAL PLANNING 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