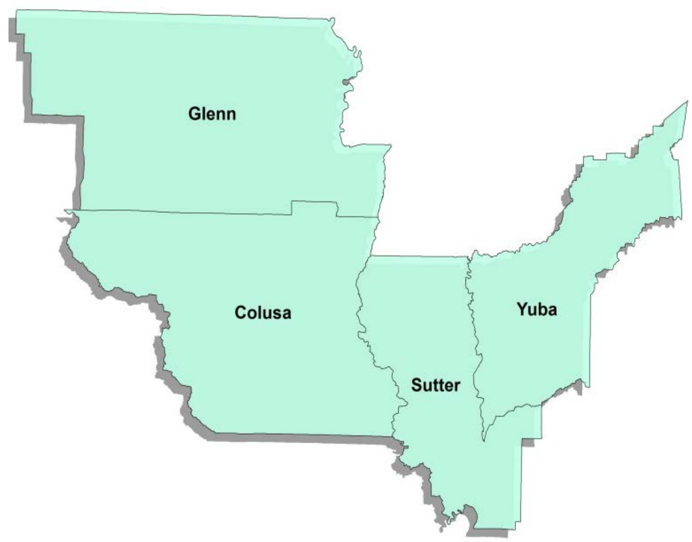
North Central Counties Consortium
Industry Clusters of Opportunity 2010-2015

Overview

This report was prepared by the Labor Market Information Division (LMID) of the California Employment Development Department to provide the North Central Counties Consortium (NCCC) Workforce Development Board a resource for workforce development and planning. The findings were derived from the most detailed industry data available from the Quarterly Census of Employment and Wages program, which provides the number of businesses, number of jobs, and total payroll for workers covered by unemployment insurance programs from reports filed by California employers each quarter. Only private, non-government industries are included in this study.



An industry cluster describes a specific group of companies with related business activities. These businesses are economically interdependent and may have common supply chains, labor needs, technologies, and markets. Industry clusters identified in the NCCC region – including Colusa, Glenn, Sutter, and Yuba counties – are those that demonstrated the greatest opportunity for new jobs, rising wages, business expansion, and career development possibilities. The LMID aggregated nine regional industry clusters for the NCCC region, which together comprised 133 industries across the four county region. These industry clusters include (in order of size by total number of jobs):

- Agribusiness, Food and Beverage Production
- Healthcare and Social Assistance
- Arts, Entertainment, and Recreation
- Building and Systems Construction
- Business Management and Support
- Transportation, Warehousing, and Logistics
- Investment Support
- General Manufacturing
- Information Technology and Telecommunications

NCCC Industry Cluster Overview (continued)

During the study period, 2010 through 2015, the nine industry clusters demonstrated a combination of:

1. Expanded opportunity (job and/or firm growth).
2. Increased wages.
3. Improved competitiveness (strong or growing concentration of jobs compared to California as a whole).
4. Expanded career opportunities (distribution of job opportunities across the occupational spectrum).

Collectively, these industry clusters comprised 60.1 percent of the total regional jobs in 2015, and 59.6 percent of the region's total wages. The total number of jobs and total wages increased in the region over the study period. The Agribusiness, Food and Beverage Production industry cluster was the largest cluster in 2015, accounted for 20.4 percent of total regional jobs, with 12,541 employees, and had an employment concentration of 4.51. Healthcare and Social Assistance was the second largest cluster, employed 6,303 people, accounted for 10.2 percent of the region's employment, and reported a concentration of 0.98. The highest annual wages were found in Information Technology and Telecommunications, with an average wage of $63,461.

NCCC Industry Cluster Descriptions

The **Agribusiness, Food and Beverage Production** industry cluster includes establishments primarily engaged in growing crops, raising animals, and manufacturing food and beverages, as well as support activities. This cluster employed nearly 12,541 people in 2015, or 20.4 percent of the region's workforce. Firms include:

- Oilseed and Grain Farming
- Vegetable and Melon Farming
- Fruit and Tree Nut Farming
- Other Crop Farming
- Animal Food Manufacturing
- Sugar and Confectionery Product Manufacturing
- Support Activities for Crop Production
- Support Activities for Animal Production
- Other Animal Production

The **Healthcare and Social Assistance** industry cluster includes private health care providers and other health related services. This cluster employed 6,303 people in 2015, and supplied 10.2 percent of the total regional employment. Firms include:

- Health and Personal Care Stores
- Home Health and Other Ambulatory Health Care Services
- General Medical and Surgical Hospitals
- Nursing Care Facilities
- Mental Health and Substance Abuse Facilities
- Child Day Care Services

The **Arts, Entertainment, and Recreation** industry cluster includes cultural, entertainment, and recreational establishments. This industry cluster employed 5,528 people in 2015, and accounted for 9.0 percent of the region's total employment. Businesses in this industry cluster provide entertainment, accommodation, and food services to local residents and tourists. Firms include:

- Spectator Sports
- Gambling
- Hotels and Motels
- RV Parks
- Restaurants and Bars

NCCC Industry Cluster Descriptions (continued)

The **Building and Systems Construction** industry cluster includes firms primarily engaged in the construction of buildings and infrastructure projects such as highways. It also includes firms which prepare sites for new construction, wood product manufacturers, nonmetallic mineral product manufacturers, as well as support activities. This cluster employed 4,561 workers in 2015, and comprised 7.4 percent of the region's total employment. Firms include:

- Residential and Nonresidential Building Construction
- Specialty Trade Contractors
- Lumber and Other Construction Materials Merchant Wholesalers
- Machinery, Equipment, and Supplies Merchant Wholesalers
- Lawn and Garden Equipment and Supplies Stores
- Waste Management and Remediation Services

The **Business Management and Support** industry cluster includes firms primarily engaged in providing services and support to businesses, such as professional, scientific, and technical activities. This industry cluster accounted for 2,729 jobs, or 4.4 percent of the region's employment, and reported an average wage of $36,021 annually. Firms include:

- Offices of Lawyers
- Payroll Services
- Tax Preparation Services
- Management Consulting Services
- Security Guard Services

The **Transportation, Warehousing, and Logistics** industry cluster contains businesses providing transportation of passengers and cargo, warehousing and storage of goods, and transportation support services. The industry cluster employed 2,143 workers, and provided 3.5 percent of regional jobs in 2015. Firms include:

- Transit and Ground Passenger Transportation
- General and Specialized Freight Trucking
- Warehousing and Storage
- Postal, Couriers, and Messengers
- Automotive Repair and Maintenance

The **Investment Support** industry cluster includes firms primarily engaged in finance, insurance, and real estate. This cluster's employment in 2015 stood at 1,507, and contributed 2.4 percent to the region's total employment. Firms include:

- Depository and Nondepository Credit Intermediation
- Other Financial Investment Activities
- Insurance Carriers
- Real Estate Services

NCCC Industry Cluster Descriptions (continued)

The **General Manufacturing** industry cluster contains businesses involved in the manufacturing and wholesale of products such as fabricated metal products, furniture, petroleum, and motor vehicle parts. These industries employed 825 workers, and provided 1.3 percent of the total regional jobs in 2015. Firms include:

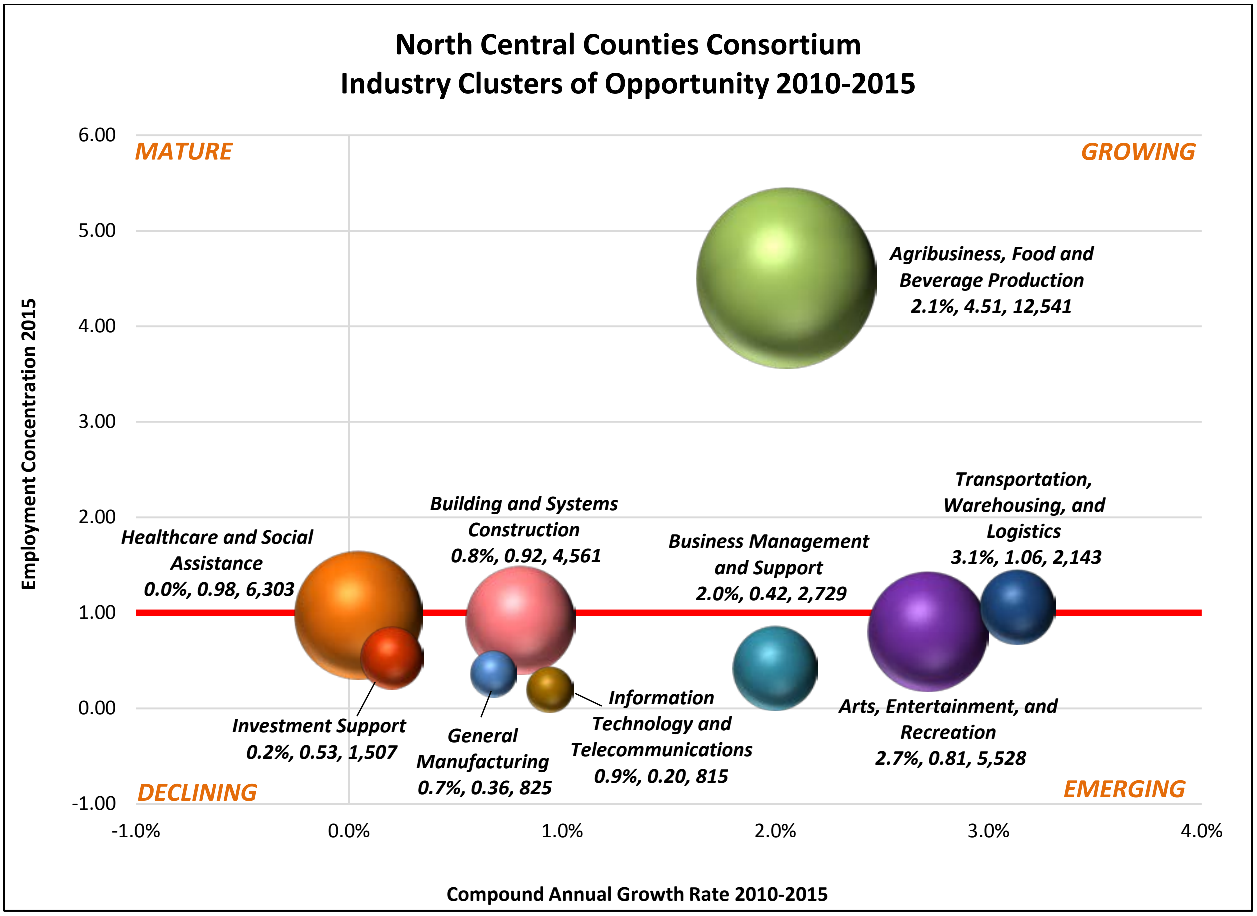
- Fabricated Metal Product Manufacturing
- Chemical, Plastics, and Rubber Products Manufacturing
- Furniture and Related Product Manufacturing
- Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers
- Petroleum and Petroleum Products Merchant Wholesalers

The **Information Technology and Telecommunications** industry cluster contains businesses involved in computer, communications, and other electronic component manufacturing, as well as architectural, engineering, computer systems design, and other professional, scientific, and related services. The cluster employed 815 workers, and contributed 1.3 percent of total regional jobs in 2015. Firms include:

- Telecommunications
- Software Publishers, Data Processing, and Other Information Services
- Specialized Design, Scientific Research and Development, Advertising, Public Relations, and Related Services
- Architectural, Engineering, and Related Services
- Computer Systems Design and Related Services

NCCC Industry Clusters 2010-2015

The chart below is a visual representation of the NCCC Industry Clusters. Each bubble represents regional industry clusters and displays three important data elements: 2010-2015 compound annual growth rate, 2015 employment concentration, and 2015 employment size.



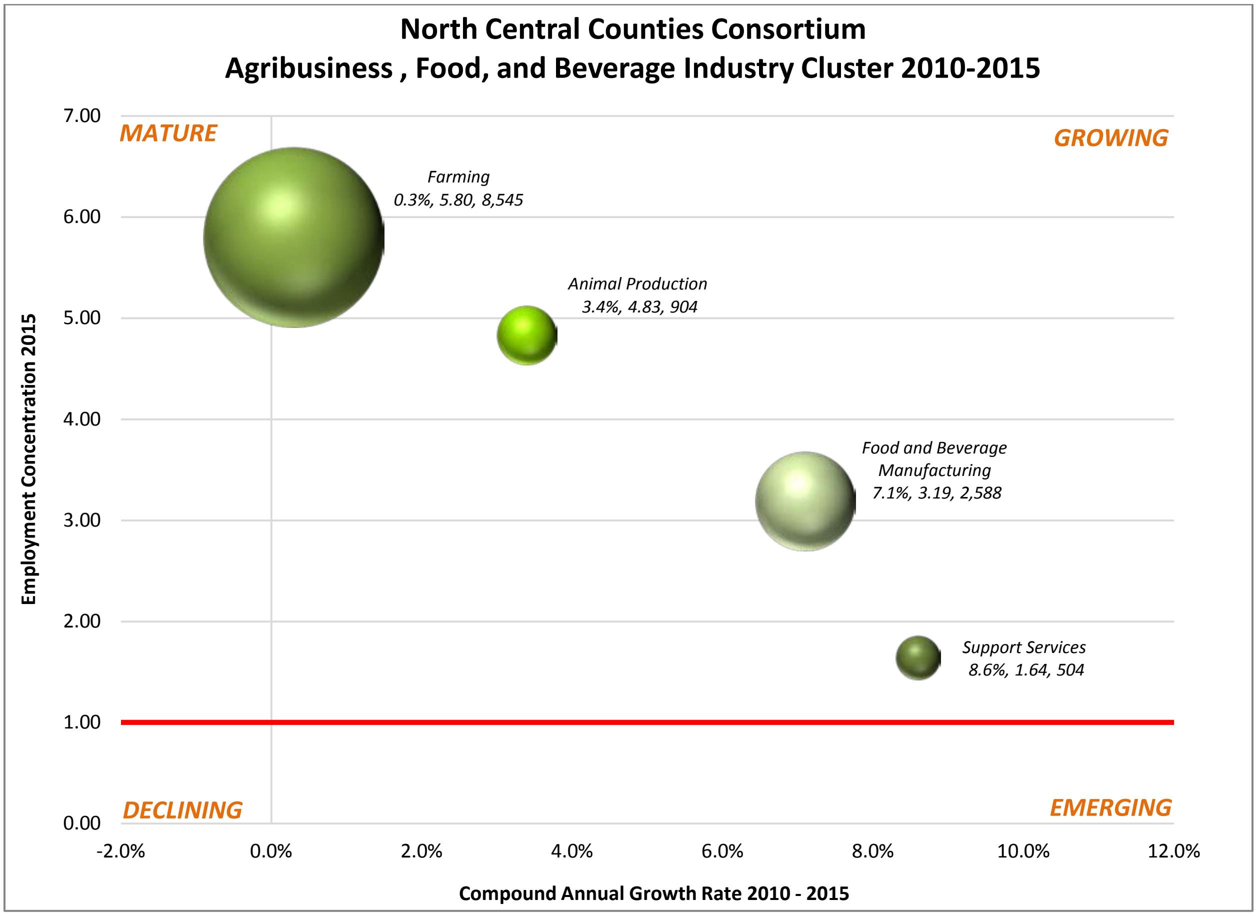
Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Interpreting the Chart:

- Each bubble's position on the horizontal axis represents the level of employment growth experienced by that industry cluster from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss.
- Each bubble's position on the vertical axis represents the employment concentration for that industry cluster in 2015 relative to California. Employment concentration, also called Location Quotient (LQ), is used to measure an industry cluster's strength and activity level by comparing its employment size to that of a larger area, usually the state or the nation. This study compares regional employment concentration to the California average. A concentration greater than 1.0 indicates a higher concentration of jobs in the industry cluster than found statewide, and industry clusters with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. Industry clusters with higher location quotients generally consist of export industries, and are the region's strong economic sectors. In theory, they are producing more goods and services than the region alone can consume and thus export the excess goods or services to consumers in areas outside of the region and bring wealth back to the local economy.
- The size of the bubble indicates the employment (number of jobs) in that industry cluster in 2015.

Agribusiness, Food and Beverage Production Industry Cluster

Agribusiness, Food and Beverage Production Industry Cluster is composed of the following four industry sub-clusters: Farming, Food and Beverage Manufacturing, Animal Production, and Support Services. The industry cluster had 12,541 employees, grew by 2.1 percent annually, and had an average annual wage of $36,351. Oilseed and Grain Farming, part of the Farming sub-cluster, reported the highest concentration at 83.06, declined at a rate of -0.4 percent annually, and contributed 1.8 percent of the region's total employment. Farm Product Raw Material Merchant Wholesalers, of the Animal Production sub-cluster, reported a concentration of 32.74, and annual wages of $51,742, which was higher than the region's average wage of $39,447. Grain and Oilseed Milling, within the Food and Beverage Production sub-cluster, had a concentration of 28.29, grew at a rate of 9.0 percent annually, and reported wages of $50,312.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry group from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry group than found statewide, and industry groups with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry group in 2015.

Agribusiness, Food and Beverage Production Industry Cluster – Summary Table

AGRIBUSINESS, FOOD AND BEVERAGE PRODUCTION INDUSTRY CLUSTER North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	Industry Description									
	Farming									
1111	Oilseed and Grain Farming	1,113	1,097	-0.4%	$34,541	$36,963	86.27	83.06	1.8%	1.8%
1112	Vegetable and Melon Farming	338	347	0.7%	$37,261	$37,485	2.36	2.71	0.5%	0.6%
1113	Fruit and Tree Nut Farming	3,149	3,375	1.7%	$26,758	$30,677	7.67	8.78	5.0%	5.5%
1114	Greenhouse, Nursery, and Floriculture Production	165	280	14.1%	$30,651	$31,963	1.44	2.62	0.3%	0.5%
1119	Other Crop Farming	553	304	-13.9%	$34,380	$41,727	9.28	6.62	0.9%	0.5%
1151	Support Activities for Crop Production	3,122	3,142	0.2%	$25,113	$27,438	4.01	3.95	5.0%	5.1%
Farming Summary		***8,440***	***8,545***	***0.3%***	***$28,172***	***$31,005***	***5.91***	***5.80***	***14.3%***	***13.9%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Agribusiness, Food and Beverage Production Industry Cluster (continued) – Summary Table

AGRIBUSINESS, FOOD AND BEVERAGE PRODUCTION INDUSTRY CLUSTER (continued) North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	Industry Description									
Food and Beverage Manufacturing										
3111 3113 3115 3116 3117 3119	Animal, Dairy Product, Sugar, and Other Food Manufacturing	153	257	13.8%	$41,690	$52,587	0.49	0.86	0.2%	0.4%
3112	Grain and Oilseed Milling	323	456	9.0%	$51,020	$50,312	18.17	28.29	0.5%	0.7%
3114	Fruit and Vegetable Preserving and Specialty Food Manufacturing	1,110	1,394	5.9%	$48,573	$44,670	8.19	12.16	1.8%	2.3%
3118	Bakeries and Tortilla Manufacturing	28	20	-8.1%	$23,825	$22,658	0.16	0.13	0.0%	0.0%
3121	Beverage Manufacturing	107	139	6.8%	$56,597	$45,771	0.59	0.70	0.2%	0.2%
3331	Agriculture, Construction, and Mining Manufacturing	249	322	6.6%	$48,891	$51,652	11.64	12.68	0.4%	0.5%
Food and Beverage Manufacturing Summary		***1,970***	***2,588***	***7.1%***	***$48,564***	***$47,208***	***2.50***	***3.19***	***3.3%***	***4.2%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Agribusiness, Food and Beverage Production Industry Cluster (continued) – Summary Table

AGRIBUSINESS, FOOD AND BEVERAGE PRODUCTION INDUSTRY CLUSTER (continued) North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	**Industry Description**									
1121	**Cattle Ranching and Farming**	393	338	-3.7%	$30,314	$32,328	4.03	3.87	0.6%	0.5%
1124 1129 1152	**Support Activities and Other Animal Production, Including Sheep and Goat Farming**	141	192	8.0%	$42,513	$41,154	5.74	9.08	0.2%	0.3%
4245	**Farm Product Raw Material Merchant Wholesalers**	175	256	10.0%	$50,168	$51,742	24.68	32.74	0.3%	0.4%
8113	**Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance**	81	118	9.9%	$45,591	$46,427	1.19	1.67	0.1%	0.2%
Animal Production Summary		***790***	***904***	***3.4%***	***$38,456***	***$41,541***	***4.27***	***4.83***	***1.3%***	***1.5%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

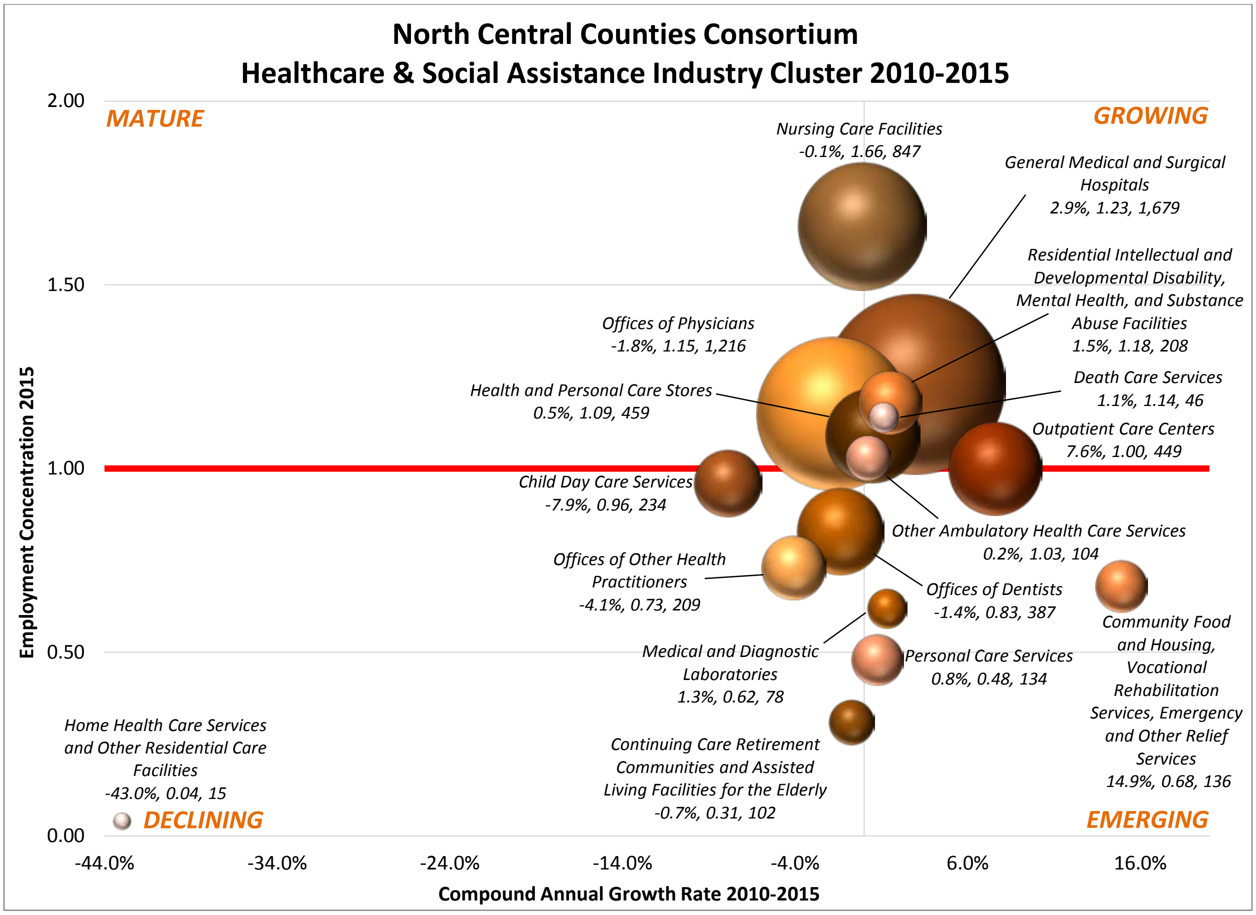
Agribusiness, Food and Beverage Production Industry Cluster (continued) – Summary Table

AGRIBUSINESS, FOOD AND BEVERAGE PRODUCTION INDUSTRY CLUSTER (continued) North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	Industry Description									
Support Services										
4249	Miscellaneous Nondurable Goods Merchant Wholesalers	304	408	7.6%	$75,479	$70,573	1.50	2.14	0.5%	0.7%
4452	Specialty Food Stores	58	96	13.4%	$19,562	$25,205	0.43	0.82	0.1%	0.2%
Support Services Summary		***362***	***504***	***8.6%***	***$66,520***	***$61,931***	***1.14***	***1.64***	***0.6%***	***0.8%***
AGRIBUSINESS, FOOD AND BEVERAGE PRODUCTION INDUSTRY CLUSTER SUMMARY		***11,562***	***12,541***	***2.1%***	***$33,550***	***$36,351***	***4.25***	***4.51***	***19.6%***	***20.4%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Healthcare and Social Assistance Industry Cluster

The Healthcare and Social Assistance industry cluster had 6,303 employees, and an employment concentration of 0.98. The cluster maintained steady employment levels throughout the study period and posted an annual average wage of $52,950 in 2015, above NCCC's annual average wage of $39,447. General Medical and Surgical Hospitals was the largest industry, with 1,679 employees. The largest employment concentration, 1.66, was reported in Nursing Care Facilities. Community Food and Housing, Vocational Rehabilitation Services, Emergency and Other Relief Services had the largest growth rate of 14.9 percent annually. Outpatient Care Centers experienced strong growth at 7.6 percent annually. Offices of Physicians showed the highest annual average wage, at $85,607.



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Healthcare and Social Assistance Industry Cluster – Summary Table

HEALTHCARE AND SOCIAL ASSISTANCE INDUSTRY CLUSTER North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	Industry Description									
4461	Health and Personal Care Stores	450	459	0.5%	$39,476	$37,365	1.01	1.09	0.7%	0.7%
6211	Offices of Physicians	1,308	1,216	-1.8%	$74,484	$85,607	1.21	1.15	2.1%	2.0%
6212	Offices of Dentists	409	387	-1.4%	$48,300	$48,543	0.85	0.83	0.7%	0.6%
6213	Offices of Other Health Practitioners	247	209	-4.1%	$31,391	$30,934	0.89	0.73	0.4%	0.3%
6214	Outpatient Care Centers	335	449	7.6%	$49,000	$49,455	0.79	1.00	0.5%	0.7%
6215	Medical and Diagnostic Laboratories	74	78	1.3%	$47,949	$46,465	0.56	0.62	0.1%	0.1%
6216 6239	Home Health Care Services and Other Residential Care Facilities	142	15	-43.0%	$29,129	$34,465	0.42	0.04	0.2%	0.0%
6219	Other Ambulatory Health Care Services	103	104	0.2%	$45,358	$49,014	0.99	1.03	0.2%	0.2%
6221	General Medical and Surgical Hospitals	1,495	1,679	2.9%	$67,399	$64,941	0.98	1.23	2.4%	2.7%
6231	Nursing Care Facilities (Skilled Nursing Facilities)	851	847	-0.1%	$33,378	$32,707	1.63	1.66	1.4%	1.4%

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

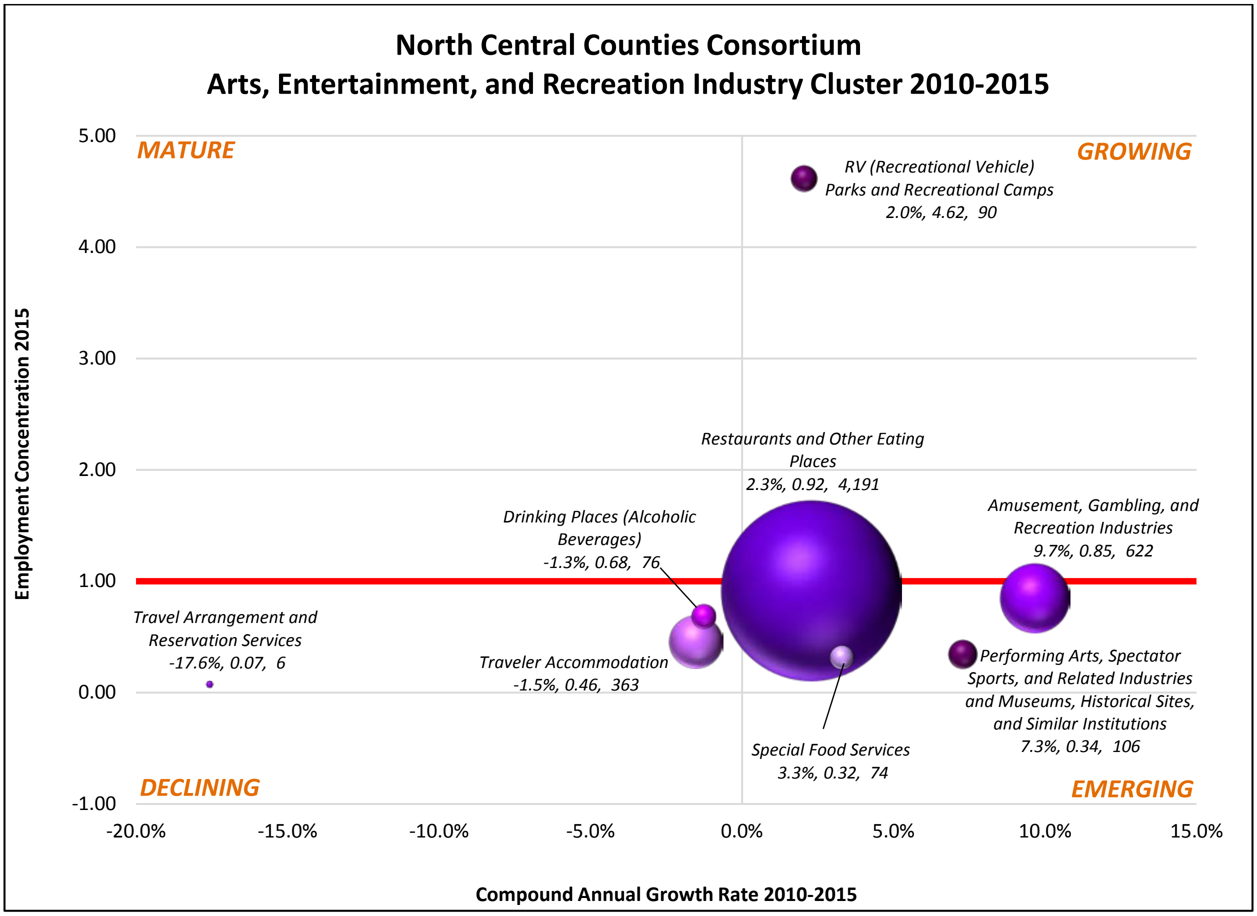
Healthcare and Social Assistance Industry Cluster (continued) – Summary Table

HEALTHCARE AND SOCIAL ASSISTANCE INDUSTRY CLUSTER (continued) North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	**Industry Description**									
6233	**Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly**	105	102	-0.7%	$20,098	$19,589	0.35	0.31	0.2%	0.2%
6242 6243	**Community Food and Housing, Vocational Rehabilitation Services, Emergency and Other Relief Services**	78	136	14.9%	$23,706	$25,471	0.37	0.68	0.1%	0.2%
6244	**Child Day Care Services**	325	234	-7.9%	$24,253	$23,037	1.25	0.96	0.5%	0.4%
8121	**Personal Care Services**	130	134	0.8%	$14,048	$15,010	0.51	0.48	0.2%	0.2%
8122	**Death Care Services**	44	46	1.1%	$49,007	$37,796	1.05	1.14	0.1%	0.1%
HEALTHCARE AND SOCIAL ASSISTANCE INDUSTRY CLUSTER SUMMARY		***6,292***	***6,303***	***0.0%***	***$51,029***	***$52,950***	***1.01***	***0.98***	***10.7%***	***10.2%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Arts, Entertainment, and Recreation Industry Cluster

The Arts, Entertainment, and Recreation industry cluster employed 5,528 people, had an employment concentration of 0.81, and grew by 2.7 percent annually. The annual average wage in this cluster was $14,846, compared to the region's average wage of $39,447. The largest industry in 2015 was Restaurants and Other Eating Places, with 4,191 employees, and an employment concentration of 0.92. Amusement, Gambling, and Recreation Industries experienced the largest growth rate at 9.7 percent annually, adding 192 employees during the study period. RV Parks and Recreational Camps reported the highest concentration at 4.62, and held the highest annual average wages of $22,246.



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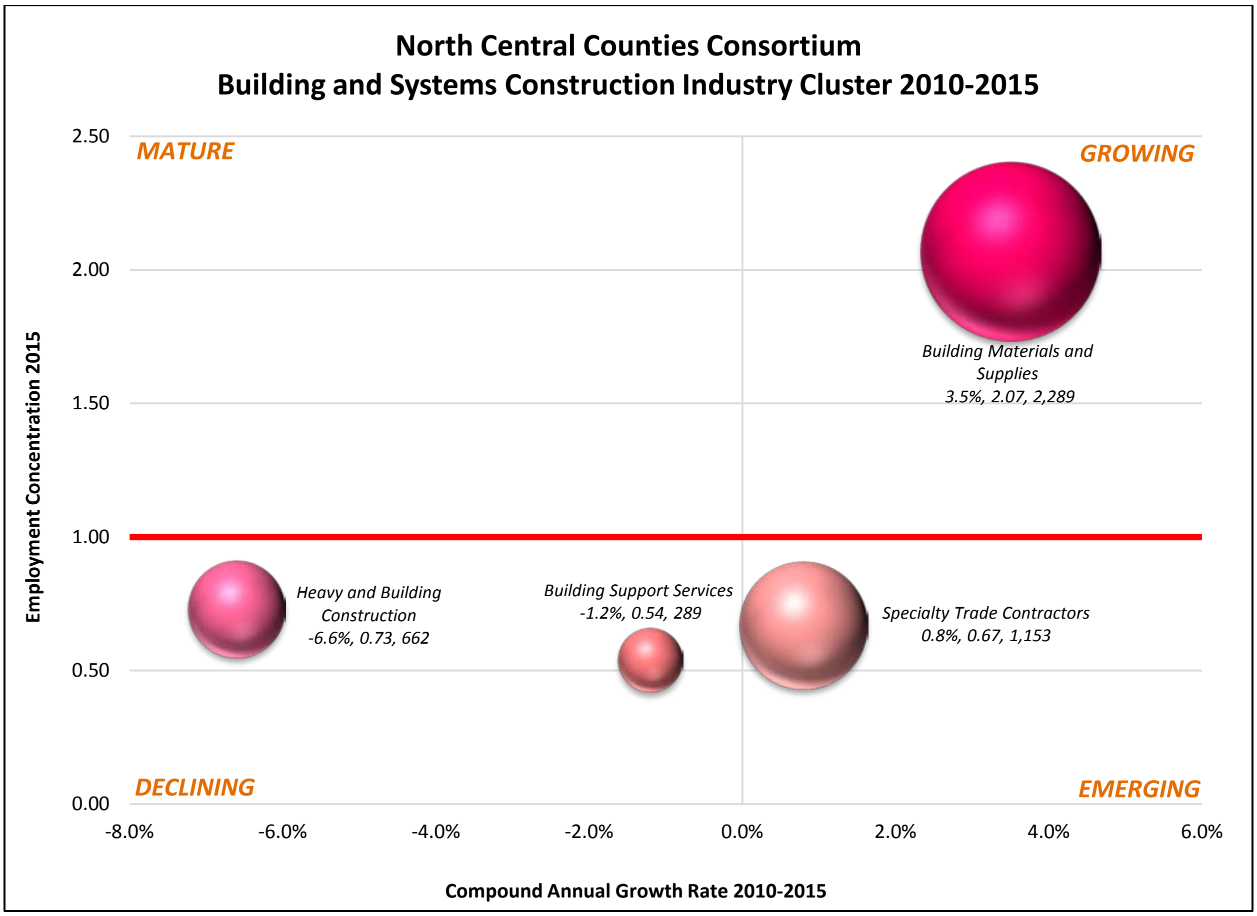
Arts, Entertainment, and Recreation Industry Cluster – Summary Table

NAICS Code	Industry Description (ARTS, ENTERTAINMENT, AND RECREATION INDUSTRY CLUSTER — North Central Counties Consortium)	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
5615	Travel Arrangement and Reservation Services	13	6	-17.6%	$14,195	$22,153	0.15	0.07	0.0%	0.0%
711 712	Performing Arts, Spectator Sports, and Related Industries and Museums, Historical Sites, and Similar Institutions	80	106	7.3%	$20,238	$20,174	0.27	0.34	0.1%	0.2%
713	Amusement, Gambling, and Recreation Industries	430	622	9.7%	$18,355	$15,159	0.59	0.85	0.7%	1.0%
7211	Traveler Accommodation	386	363	-1.5%	$16,479	$16,333	0.47	0.46	0.6%	0.6%
7212	RV (Recreational Vehicle) Parks and Recreational Camps	83	90	2.0%	$21,496	$22,246	4.30	4.62	0.1%	0.1%
7223	Special Food Services	65	74	3.3%	$21,710	$19,855	0.32	0.32	0.1%	0.1%
7224	Drinking Places (Alcoholic Beverages)	80	76	-1.3%	$11,447	$12,220	0.75	0.68	0.1%	0.1%
7225	Restaurants and Other Eating Places	3,829	4,191	2.3%	$14,917	$14,326	0.89	0.92	6.1%	6.8%
	ARTS, ENTERTAINMENT, AND RECREATION INDUSTRY CLUSTER SUMMARY	*4,966*	*5,528*	*2.7%*	*$15,563*	*$14,846*	*0.80*	*0.81*	*8.4%*	*9.0%*

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Building and Systems Construction Industry Cluster

The Building and Systems Construction industry cluster employed 4,561, grew by 0.8 percent annually, and had an employment concentration of 0.92. The cluster posted 2015 annual average wages of $51,047, well above the NCCC's total industry annual average wage of $39,447. This industry is comprised of four sub-clusters: Building Materials and Supplies, Specialty Trade Contractors, Heavy and Building Construction, and Building Support Services. Machinery, Equipment, and Supplies Merchant Wholesalers reported the largest employment with 604 employees, and Nonmetallic Mineral Mining and Quarrying had the largest employment concentration at 4.19. Both industries are a part of the Building Materials and Supplies sub-cluster. Wholesale Electronic Markets and Agents and Brokers, of the Building Support Services sub-cluster, experienced the largest growth rate, at 13.5 percent annually, and showed the highest annual average wage in 2015, at $135,639.



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Building and Systems Construction Industry Cluster – Summary Table

NAICS Code	BUILDING AND SYSTEMS CONSTRUCTION INDUSTRY CLUSTER North Central Counties Consortium Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
	Building Materials and Supplies									
2123	Nonmetallic Mineral Mining and Quarrying	54	72	7.5%	$79,472	$66,973	2.74	4.19	0.1%	0.1%
321	Wood Product Manufacturing	224	279	5.6%	$46,095	$43,045	3.09	4.01	0.4%	0.5%
327	Nonmetallic Mineral Product Manufacturing	393	474	4.8%	$52,913	$56,786	3.19	4.04	0.6%	0.8%
4233	Lumber and Other Construction Materials Merchant Wholesalers	76	104	8.2%	$49,336	$39,488	1.03	1.42	0.1%	0.2%
4237	Hardware, and Plumbing, and Heating Equipment and Supplies Merchant Wholesalers	17	18	1.4%	$70,571	$50,188	0.17	0.19	0.0%	0.0%
4238	Machinery, Equipment, and Supplies Merchant Wholesalers	480	604	5.9%	$56,239	$69,556	2.40	3.01	0.8%	1.0%
4441	Building Material and Supplies Dealers	564	537	-1.2%	$31,011	$27,200	1.32	1.27	0.9%	0.9%
4442	Lawn and Garden Equipment and Supplies Stores	116	126	2.1%	$49,684	$33,179	2.80	2.78	0.2%	0.2%
5324	Commercial and Industrial Machinery and Equipment Rental and Leasing	73	75	0.7%	$65,628	$80,260	1.20	1.10	0.1%	0.1%
Building Materials and Supplies Summary		***1,997***	***2,289***	***3.5%***	***$47,771***	***$50,492***	***1.79***	***2.07***	***3.2%***	***3.7%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Building and Systems Construction Industry Cluster (continued) – Summary Table

BUILDING AND SYSTEMS CONSTRUCITON INDUSTRY CLUSTER (continued) North Central Counties Consortium										
NAICS Code	Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
Specialty Trade Contractors										
2381	Foundation, Structure, and Building Exterior Contractors	268	299	2.8%	$41,808	$44,697	0.85	0.85	0.4%	0.5%
2382	Building Equipment Contractors	498	440	-3.0%	$52,645	$52,209	0.78	0.61	0.8%	0.7%
2383	Building Finishing Contractors	233	255	2.3%	$34,629	$36,392	0.59	0.60	0.4%	0.4%
2389	Other Specialty Trade Contractors	119	159	7.5%	$42,473	$39,658	0.57	0.70	0.2%	0.3%
Specialty Trade Contractors Summary		***1,118***	***1,153***	***0.8%***	***$45,210***	***$45,032***	***0.72***	***0.67***	***1.8%***	***1.9%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Building and Systems Construction Industry Cluster (continued) – Summary Table

BUILDING AND SYSTEMS CONSTRUCITON INDUSTRY CLUSTER (continued) North Central Counties Consortium NAICS Code	Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
Heavy and Building Construction										
2361	Residential Building Construction	167	174	1.0%	$40,094	$39,251	0.50	0.47	0.3%	0.3%
2362	Nonresidential Building Construction	214	193	-2.5%	$60,089	$58,944	0.93	0.81	0.3%	0.3%
237	Heavy and Civil Engineering Construction (except Highway, Street, and Bridge Construction)	472	280	-12.2%	$102,860	$76,251	2.40	1.30	0.8%	0.5%
2373	Highway, Street, and Bridge Construction	18	15	-4.5%	$39,767	$37,766	0.21	0.18	0.0%	0.0%
Heavy and Building Construction Summary		***871***	***662***	***-6.6%***	***$79,013***	***$60,608***	***1.03***	***0.73***	***1.4%***	***1.1%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

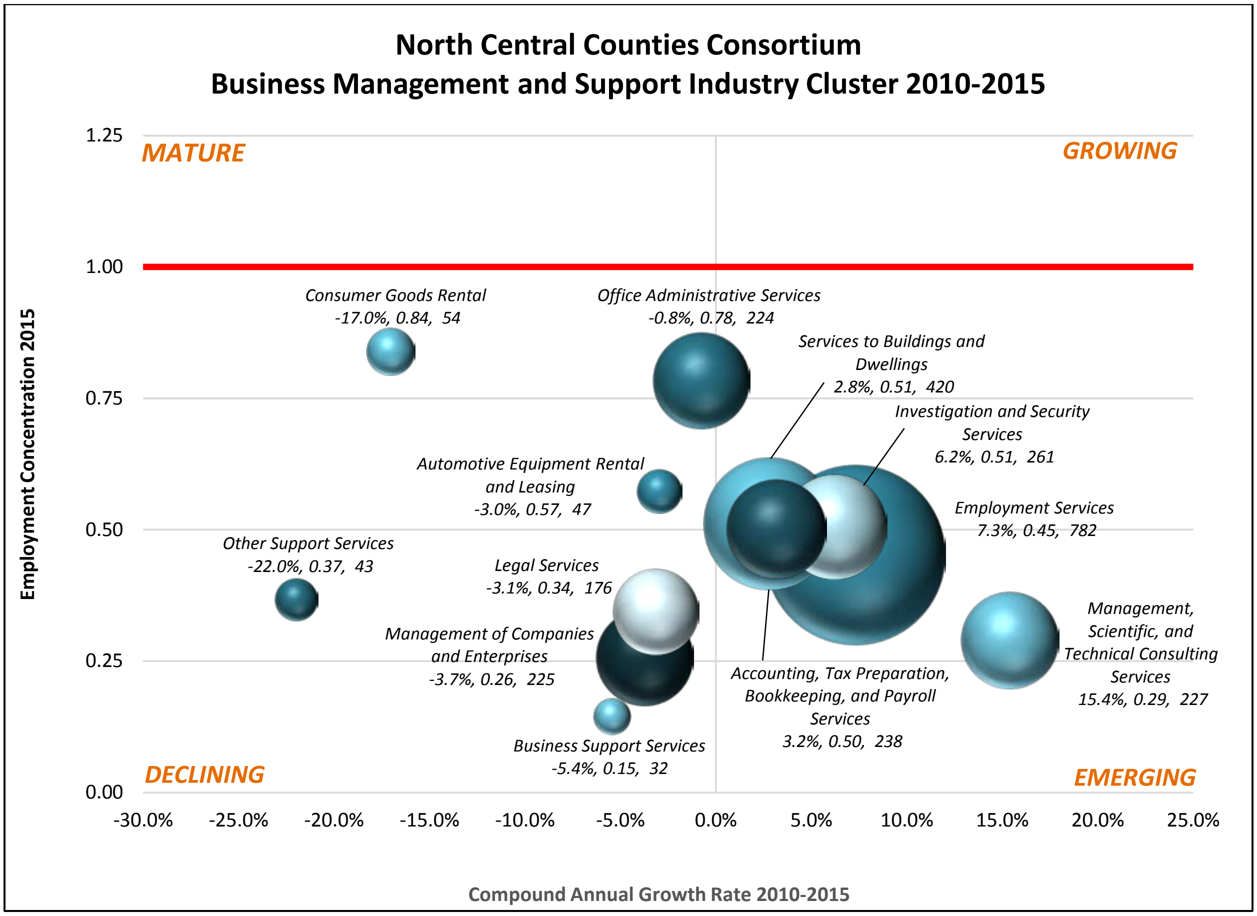
Building and Systems Construction Industry Cluster (continued) – Summary Table

NAICS Code	Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
BUILDING AND SYSTEMS CONSTRUCITON INDUSTRY CLUSTER (continued) North Central Counties Consortium										
Building Support Services										
4236	Household Appliances and Electrical and Electronic Goods Merchant Wholesalers	14	22	12.0%	$61,417	$54,607	0.07	0.12	0.0%	0.0%
4251	Wholesale Electronic Markets and Agents and Brokers	47	78	13.5%	$136,154	$135,639	0.12	0.19	0.1%	0.1%
4421	Furniture Stores	67	68	0.4%	$35,090	$31,995	0.72	0.87	0.1%	0.1%
4422	Home Furnishings Stores	60	56	-1.7%	$24,063	$24,956	0.50	0.46	0.1%	0.1%
4431	Electronics and Appliance Stores	90	68	-6.8%	$39,911	$27,103	0.32	0.29	0.1%	0.1%
562	Waste Management and Remediation Services	153	165	1.9%	$52,692	$48,515	0.87	0.92	0.2%	0.3%
Building and Support Services Summary		***303***	***289***	***-1.2%***	***$43,226***	***$38,912***	***0.53***	***0.54***	***0.5%***	***0.5%***
BUILDING AND SYSTEMS CONSTRUCTION INDUSTRY CLUSTER SUMMARY		***4,417***	***4,561***	***0.8%***	***$53,763***	***$51,047***	***0.98***	***0.92***	***7.5%***	***7.4%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Business Management and Support Industry Cluster

The Business Management and Support industry cluster provided 2,729 jobs, grew by 2.0 percent annually, and had a concentration of 0.42. This cluster reported an average wage of $36,021. Employment Services was the largest industry with 782 jobs, and accounted for 1.3 percent of the region's employment. Office Administrative Services reported the highest wages, at $82,751, more than double the region average of $39,447. Consumer Goods Rental reported the highest concentration in 2015, at 0.84. Management, Scientific, and Technical Consulting Services experienced the highest annual growth rate at 15.4 percent.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry group from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry group than found statewide, and industry groups with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry group in 2015.

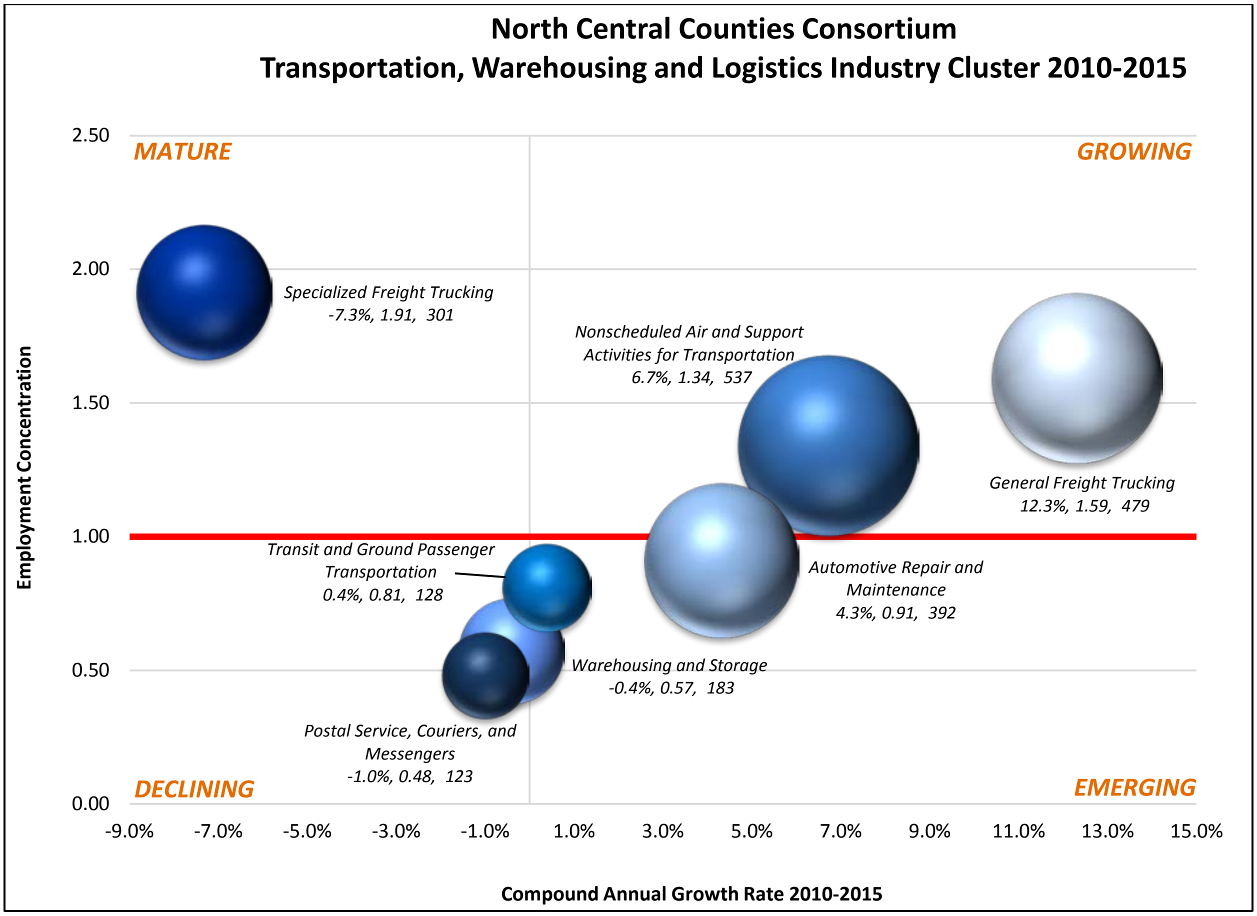
Business Management and Support Industry Cluster – Summary Table

NAICS Code	Industry Description (BUSINESS MANAGEMENT AND SUPPORT INDUSTRY CLUSTER — North Central Counties Consortium)	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
5321	Automotive Equipment Rental and Leasing	53	47	-3.0%	$29,032	$29,807	0.68	0.57	0.1%	0.1%
5322	Consumer Goods Rental	114	54	-17.0%	$32,090	$34,738	1.26	0.84	0.2%	0.1%
5411	Legal Services	200	176	-3.1%	$48,491	$48,990	0.35	0.34	0.3%	0.3%
5412	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	210	238	3.2%	$38,654	$35,228	0.43	0.50	0.3%	0.4%
5416	Management, Scientific, and Technical Consulting Services	128	227	15.4%	$47,144	$49,362	0.18	0.29	0.2%	0.4%
5511	Management of Companies and Enterprises	262	225	-3.7%	$48,070	$49,465	0.31	0.26	0.4%	0.4%
5611	Office Administrative Services	231	224	-0.8%	$62,800	$82,751	0.75	0.78	0.4%	0.4%
5613	Employment Services	590	782	7.3%	$23,551	$22,609	0.40	0.45	0.9%	1.3%
5614	Business Support Services	40	32	-5.4%	$21,118	$30,803	0.18	0.15	0.1%	0.1%
5616	Investigation and Security Services	205	261	6.2%	$18,652	$19,324	0.41	0.51	0.3%	0.4%
5617	Services to Buildings and Dwellings	376	420	2.8%	$25,588	$28,910	0.45	0.51	0.6%	0.7%
5619	Other Support Services	116	43	-22.0%	$45,416	$30,102	1.06	0.37	0.2%	0.1%
BUSINESS MANAGEMENT AND SUPPORT INDUSTRY CLUSTER SUMMARY		***2,525***	***2,729***	***2.0%***	***$35,485***	***$36,021***	***0.43***	***0.42***	***4.3%***	***4.4%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Transportation, Warehousing, and Logistics Industry Cluster

The Transportation, Warehousing, and Logistics industry cluster saw an employment increase of 3.1 percent annually, ending the study period with 2,143 employees, and an employment concentration of 1.06. The cluster posted annual average wages of $38,801, slightly below the region's annual average wage of $39,447. Of the Transportation, Warehousing, and Logistics cluster, the Specialized Freight Trucking industry had the highest employment concentration at 1.91. Postal Service, Couriers, and Messengers reported the highest wages at $47,519. The largest industry in the cluster was Nonscheduled Air and Support Activities for Transportation with 537 employees. The largest growth was seen in General Freight Trucking, showing a 12.3 percent compound annual growth rate during the study period.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry group from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry group than found statewide, and industry groups with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry group in 2015.

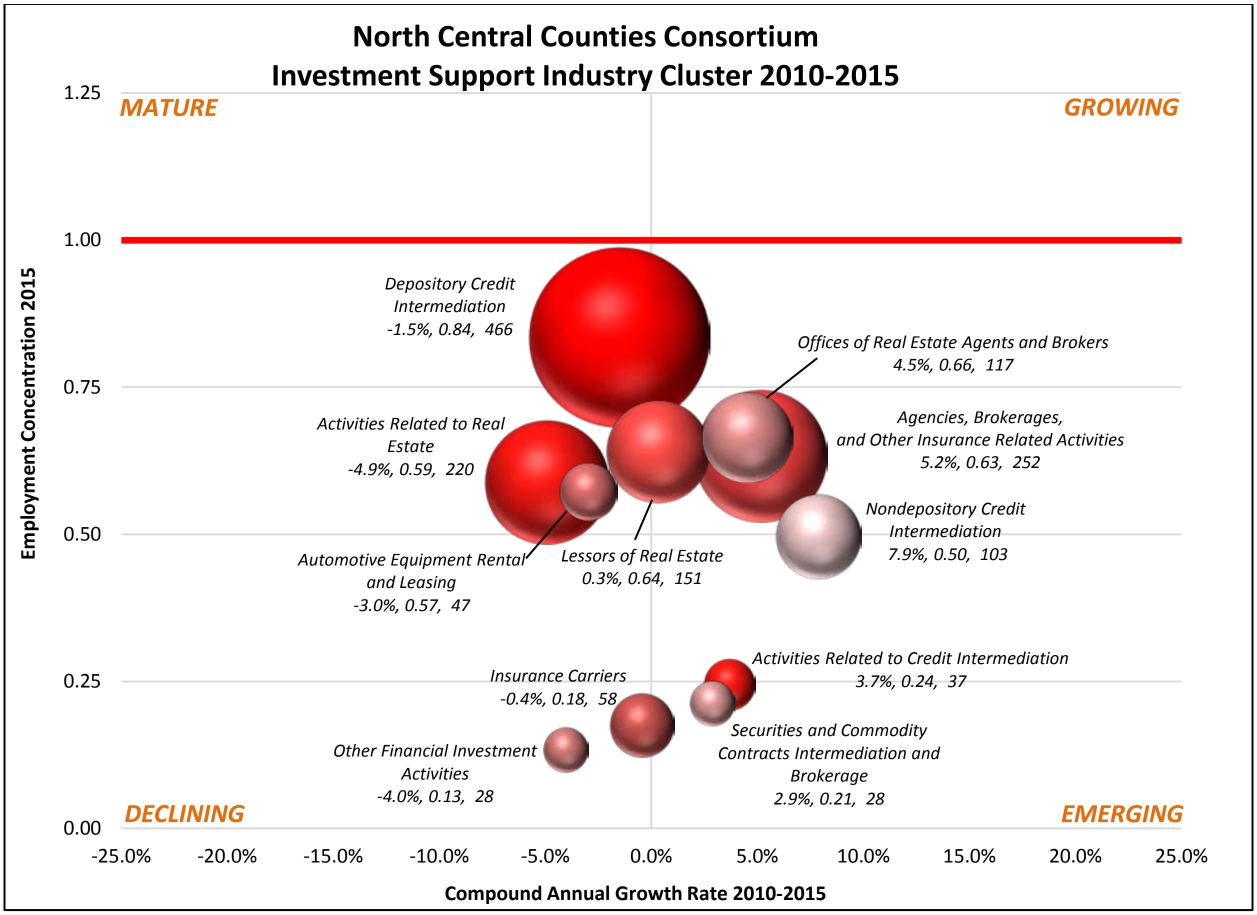
Transportation, Warehousing, and Logistics – Summary Table

TRANSPORTATION, WAREHOUSING, AND LOGISTICS INDUSTRY CLUSTER North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS CODE	**Industry Description**									
4812 488	Nonscheduled Air and Support Activities for Transportation	414	537	6.7%	$36,319	$43,171	1.06	1.34	0.7%	0.9%
4841	General Freight Trucking	301	479	12.3%	$39,493	$34,622	1.03	1.59	0.5%	0.8%
4842	Specialized Freight Trucking	408	301	-7.3%	$41,348	$46,273	2.63	1.91	0.6%	0.5%
485	Transit and Ground Passenger Transportation	126	128	0.4%	$30,848	$27,549	0.80	0.81	0.2%	0.2%
491 492	Postal Service, Couriers, and Messengers	128	123	-1.0%	$49,915	$47,519	0.50	0.48	0.2%	0.2%
4931	Warehousing and Storage	186	183	-0.4%	$39,006	$41,493	0.63	0.57	0.3%	0.3%
8111	Automotive Repair and Maintenance	331	392	4.3%	$29,387	$31,866	0.76	0.91	0.5%	0.6%
TRANSPORTATION, WAREHOUSING, AND LOGISTICS INDUSTRY CLUSTER SUMMARY		***1,894***	***2,143***	***3.1%***	***$37,514***	***$38,801***	***1.02***	***1.06***	***3.2%***	***3.5%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Investment Support Industry Cluster

The Investment Support industry cluster employed 1,507 in 2015, had an employment concentration of 0.53 and grew by 0.2 percent annually. The cluster posted 2015 annual average wages of $47,580; this is well above the NCCC's total industry annual average wage of $39,447. Depository Credit Intermediation reported the largest employment with 466 employees, and the largest employment concentration of 0.84. Nondepository Credit Intermediation recorded the largest growth rate over the period at 7.9 percent.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry cluster from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry cluster than found statewide, and industry clusters with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry cluster in 2015.

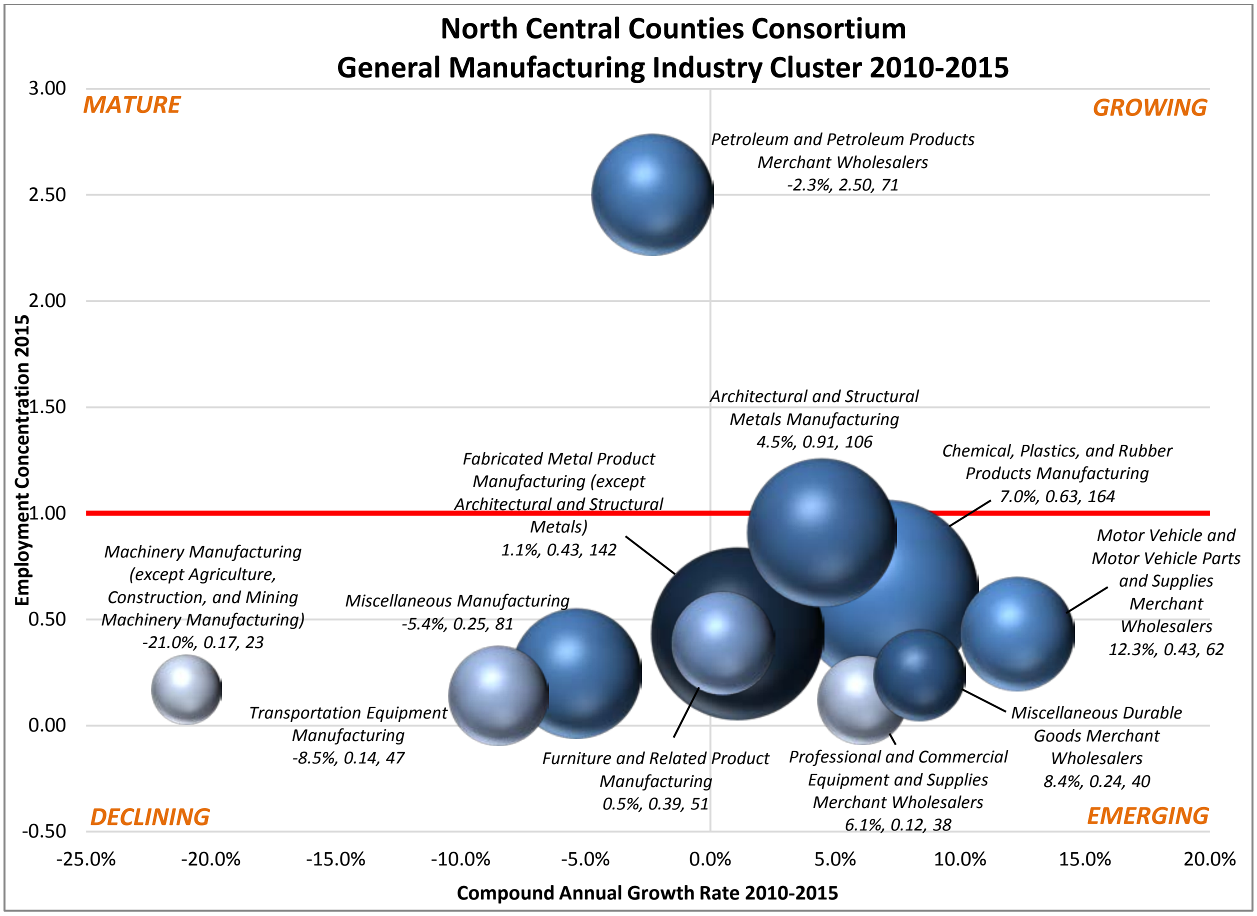
Investment Support Industry Cluster – Summary Table

NAICS Code	INVESTMENT SUPPORT INDUSTRY CLUSTER North Central Counties Consortium Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
5221	Depository Credit Intermediation	495	466	-1.5%	$46,591	$48,729	0.72	0.84	0.8%	0.8%
5222	Nondepository Credit Intermediation	76	103	7.9%	$68,779	$119,899	0.35	0.50	0.1%	0.2%
5223	Activities Related to Credit Intermediation	32	37	3.7%	$33,108	$32,948	0.23	0.24	0.1%	0.1%
5231	Securities and Commodity Contracts Intermediation and Brokerage	25	28	2.9%	$87,078	$118,076	0.17	0.21	0.0%	0.0%
5239	Other Financial Investment Activities	33	28	-4.0%	$54,025	$27,875	0.17	0.13	0.1%	0.0%
5241	Insurance Carriers	59	58	-0.4%	$58,552	$60,364	0.15	0.18	0.1%	0.1%
5242	Agencies, Brokerages, and Other Insurance Related Activities	206	252	5.2%	$44,489	$46,957	0.53	0.63	0.3%	0.4%
5311	Lessors of Real Estate	149	151	0.3%	$22,642	$23,187	0.58	0.64	0.2%	0.2%
5312	Offices of Real Estate Agents and Brokers	98	117	4.5%	$39,708	$44,602	0.56	0.66	0.2%	0.2%
5313	Activities Related to Real Estate	269	220	-4.9%	$26,667	$26,750	0.70	0.59	0.4%	0.4%
5321	Automotive Equipment Rental and Leasing	53	47	-3.0%	$29,032	$29,807	0.68	0.57	0.1%	0.1%
INVESTMENT SUPPORT INDUSTRY CLUSTER SUMMARY		*1,495*	*1,507*	*0.2%*	*$41,408*	*$47,580*	*0.52*	*0.53*	*2.5%*	*2.4%*

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

General Manufacturing Industry Cluster

The General Manufacturing industry cluster grew by 0.7 percent annually, employed 825 workers, and reported an employment concentration of 0.36. The annual average wage in 2015 was $45,710, above the region's annual average wage of $39,447. The largest industry in 2015 was Chemical, Plastics, and Rubber Products Manufacturing, with 164 employees, and an employment concentration of 0.63. Motor Vehicle Parts and Supplies Merchant Wholesalers experienced the largest growth rate at 12.3 percent annually.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry group from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry group than found statewide, and industry groups with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry group in 2015.

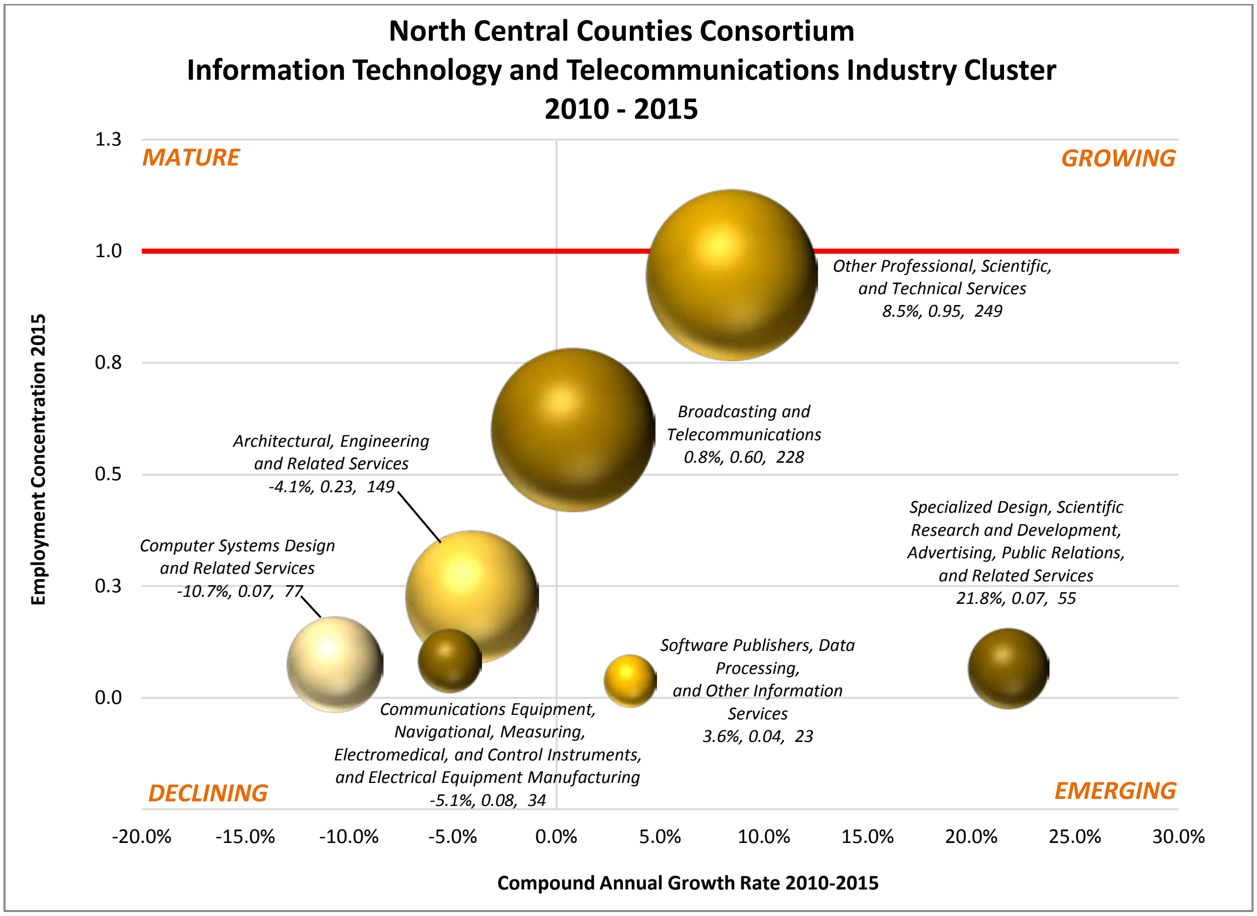
General Manufacturing Industry Cluster – Summary Table

NAICS Code	GENERAL MANUFACTURING INDUSTRY CLUSTER North Central Counties Consortium Industry Description	Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
325 326	Chemical, Plastics, and Rubber Products Manufacturing	125	164	7.0%	$59,326	$42,111	0.43	0.63	0.2%	0.3%
332	Fabricated Metal Product Manufacturing (except Architectural and Structural Metals)	136	142	1.1%	$42,311	$45,037	0.41	0.43	0.2%	0.2%
3323	Architectural and Structural Metals Manufacturing	89	106	4.5%	$38,859	$38,134	0.78	0.91	0.1%	0.2%
333	Machinery Manufacturing (except Agriculture, Construction, and Mining Machinery Manufacturing)	59	23	-21.0%	$39,827	$39,714	0.41	0.17	0.1%	0.0%
336	Transportation Equipment Manufacturing	67	47	-8.5%	$88,295	$120,020	0.19	0.14	0.1%	0.1%
337	Furniture and Related Product Manufacturing	50	51	0.5%	$33,127	$30,411	0.37	0.39	0.1%	0.1%
339	Miscellaneous Manufacturing	101	81	-5.4%	$33,609	$40,497	0.29	0.25	0.2%	0.1%
4231	Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	39	62	12.3%	$26,196	$26,603	0.27	0.43	0.1%	0.1%
4234	Professional and Commercial Equipment and Supplies Merchant Wholesalers	30	38	6.1%	$38,618	$45,028	0.09	0.12	0.0%	0.1%
4239	Miscellaneous Durable Goods Merchant Wholesalers	29	40	8.4%	$44,842	$40,838	0.17	0.24	0.0%	0.1%
4247	Petroleum and Petroleum Products Merchant Wholesalers	78	71	-2.3%	$55,550	$56,159	2.48	2.50	0.1%	0.1%
GENERAL MANUFACTURING INDUSTRY CLUSTER SUMMARY		*803*	*825*	*0.7%*	*$47,022*	*$45,710*	*0.36*	*0.36*	*1.4%*	*1.3%*

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Information Technology and Telecommunications Industry Cluster

The Information Technology and Telecommunications industry cluster employed 815 workers in 2015, grew by 0.9 percent annually, and posted an employment concentration of 0.20. The annual average wage was $63,461, well above the average wage of $39,447 for the region. Other Professional, Scientific, and Technical Services was the largest industry with 249 employees and posted the highest employment concentration at 0.95. Specialized Design, Scientific Research and Development, Advertising, Public Relations, and Related Services experienced the largest growth rate at 21.8 percent, while Cable and Other Subscription Programming had the highest employment concentration rate of 1.19.



Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Chart interpretation: A bubble's position on the horizontal axis represents the level of employment growth experienced by that industry group from 2010 to 2015 as measured by the compound annual growth rate. Bubbles positioned on the right of zero indicate job growth and left of zero denotes job loss. The vertical position represents the employment concentration relative to California in 2015 (the higher the bubble, the greater concentration). A concentration greater than 1.0 indicates a higher concentration of jobs in the industry group than found statewide, and industry groups with a LQ of 1.25 or higher are considered heavily concentrated. A high concentration indicates a competitive advantage and an area of regional specialization compared to the state. The size of the bubble indicates the employment (number of jobs) in that industry group in 2015.

Information Technology and Telecommunications Industry Cluster – Summary Table

INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS INDUSTRY CLUSTER North Central Counties Consortium		Average Annual Employment 2010	Average Annual Employment 2015	Compound Annual Growth Rate 2010-2015	Average Annual Wages 2010	Average Annual Wages 2015	Employment Concentration 2010	Employment Concentration 2015	Percent of Regional Employment 2010	Percent of Regional Employment 2015
NAICS Code	**Industry Description**									
3342 3345 3353	**Communications Equipment, Navigational, Measuring, Electromedical, and Control Instruments, and Electrical Equipment Manufacturing**	42	34	-5.1%	$113,282	$110,427	0.08	0.08	0.1%	0.1%
5112 5182 5191	**Software Publishers, Data Processing, and Other Information Services**	20	23	3.6%	$73,902	$66,918	0.05	0.04	0.0%	0.0%
515 517	**Broadcasting and Telecommunications**	221	228	0.8%	$73,403	$71,656	0.48	0.60	0.4%	0.4%
5413	**Architectural, Engineering, and Related Services**	176	149	-4.1%	$66,192	$70,971	0.26	0.23	0.3%	0.2%
5414 5417 5418	**Specialized Design, Scientific Research and Development, Advertising, Public Relations, and Related Services**	25	55	21.8%	$46,998	$43,839	0.03	0.07	0.0%	0.1%
5415	**Computer Systems Design and Related Services**	121	77	-10.7%	$65,675	$74,479	0.14	0.07	0.2%	0.1%
5419	**Other Professional, Scientific, and Technical Services**	180	249	8.5%	$32,431	$45,659	0.67	0.95	0.3%	0.4%
INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS INDUSTRY CLUSTER SUMMARY		***785***	***815***	***0.9%***	***$62,505***	***$63,461***	***0.20***	***0.20***	***1.3%***	***1.3%***

Source: California Employment Development Department, Labor Market Information Division, Quarterly Census of Employment and Wages (QCEW) Program, 2010 and 2015 Annual Average.

Data Sources

California Employment Development Department (EDD), Labor Market Information Division (LMID)

Quarterly Census of Employment and Wages (QCEW) Program, 2010 (2nd Quarter 2010 through 1st Quarter 2011) – 2015 (2nd Quarter 2014 through 1st Quarter 2015) (http://www.labormarketinfo.edd.ca.gov/qcew/cew-select.asp)

The Quarterly Census of Employment and Wages (QCEW) Program, also known as the ES-202 Program, is a Federal-State cooperative program operated by the Employment Development Department's (EDD) Labor Market Information Division (LMID). The EDD staff compiles the data from reports filed by employers each quarter. The QCEW Program produces a comprehensive tabulation of employment and wage information for workers covered by California Unemployment Insurance (UI) laws and Federal workers covered by the Unemployment Compensation for Federal Employees (UCFE) program. More information about the program can be found at the Labor Market Information Division website.

U.S. Department of Labor (DOL), Bureau of Labor Statistics (BLS)

Employment Concentration, 2015
(http://data.bls.gov/location_quotient/ControllerServlet)

The Employment Concentration, or Location Quotient (LQ), is calculated using data from the Quarterly Census of Employment and Wages (QCEW) Program. The quotient compares regional employment concentration to the national or statewide employment concentration. The resultant measure is a ratio called "location quotient" that indicates the level of specialization of the industry within the selected geographic area. The LQ is used to indicate the extent to which the local economy is importing, self-sufficient, or exporting goods and services.

State of California

Labor and Workforce Development Agency

Employment Development Department

The EDD is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Requests for services, aids, and/or alternate forms need to be made by calling 916-262-2166 (voice). TTY users, please call the California Relay Service at 711.