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Aviation Industry Cluster in U.S. Metros Is Your Community Ready to Take-Off?



In this brief we examine U.S. Bureau of Labor Statistics data regarding the three primary employment sectors that comprise the Aviation Cluster: Aerospace Product and Parts Manufacturing (NAICS 3364); Air Transportation (NAICS 481); and Support Activities for Air Transportation (NAICS 4881).

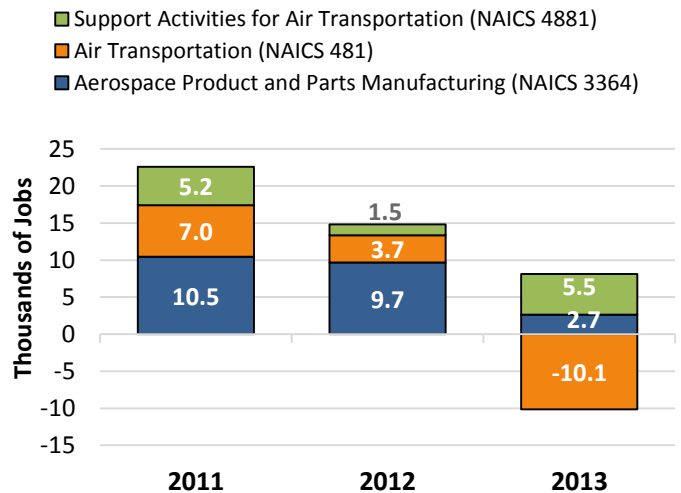
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The Aviation Cluster, comprising Aerospace Manufacturing, Air Transportation and Support Activities has seen drastic change over the last ten years, with recent growth in achieving pre-recession levels nationally in two out of the three sectors. Between 2011 and 2013, Aerospace manufacturing has added about 22,800 jobs nationally, a growth rate of 4.8 percent. Air Transportation has been somewhat volatile, adding and contracting 10,000 jobs with a net gain of only 500 jobs overall (a .01% growth rate). Support Activities for Air Transportation increased over 12,000 jobs at a 5.9% growth rate. Collectively, these three employment sectors added more than 35,000 jobs in the United States over the last few years to a total employment level of almost 1.16 million.

Although this represents only 1% of US employment, the Aviation Cluster is sought for the high wages and high impact this industry brings. Annual salaries of employees in the private sector for 2013 averaged \$91,813 for Aerospace Manufacturing; \$71,340 for Air Transportation; and \$45,746 for Support Activities for Air Transportation. As for high impact, the FAA released a report in June 2014 stating that civil aviation contributed 5.4 percent to the US economy in 2012. When all impacts were included, civil aviation-related goods and services amounted to a total output of \$1.5 trillion generating nearly 12 million jobs and earnings of \$459 billion.¹

The top 10 metro areas for aviation employment combining all three aviation NAICS codes encompassing aerospace manufacturing, air transportation and support for air transportation are listed below.

**Employment Change in Aviation Sectors
U.S. Totals, Average Annual 2011-2013**



Source: Bureau of Labor Statistics, QCEW

¹ The Economic Impact of Civil Aviation on the U.S. Economy, June 2014, US Department of Transportation Federal Aviation Administration



10 Largest Metro Markets for Aviation²

Ranked by Employment, 2013/2012

Metro	NAICS 3364+481+4881	
	# Establishments	Employment
Seattle-Tacoma-Bellevue, WA MSA	303	96,760
Los Angeles-Long Beach-Anaheim, CA MSA	754	79,094
Dallas-Fort Worth-Arlington, TX MSA	465	74,598
New York-Newark-Jersey City, NY-NJ-PA MSA	599	60,268
Atlanta-Sandy Springs-Roswell, GA MSA	282	48,413
Chicago-Naperville-Elgin, IL-IN-WI MSA	342	38,269
Miami-Fort Lauderdale-West Palm Beach, FL MSA	877	32,854
Wichita, KS MSA ^{3/}	197	30,853
Houston-The Woodlands-Sugar Land, TX MSA ^{3/}	242	27,479
St. Louis, MO-IL MSA	118	22,170

Source: US Bureau of Labor Statistics, Garner Economics

The top metro areas for employment in aviation reflect larger metro areas with large airport operations or sizable manufacturing facilities located within the metro. Collectively aviation employments in these metros represent 46 percent of the nation’s private aviation employment. As a point of reference, employees at private enterprises in the aviation cluster are 96% of the nation’s aerospace workforce.

The picture changes as we break out these three sectors and look at aviation employment concentrations. The three tables below list the metro areas with the strongest concentrations of employment in NAICS 3364, NAICS 481, and NAICS 4881 as measured by location quotients (LQ). A location quotient is a comparison of a given region’s share of employment in a sector relative to national averages. For example, if NAICS 3364 represents .8 percent of jobs in a region, that metro area’s LQ would be 2.00, because the national share is .4 percent.

Top 10 Metros for Aerospace Manufacturing (NAICS 3364) Concentration

Ranked by Location Quotient (LQ) of NAICS 3364 for 2013, unless otherwise noted

Metro	Location Quotient	Establishments	Employment	Average Weekly Wages
Wichita, KS MSA	28.25	130	29,803	\$1,433
Seattle-Tacoma-Bellevue, WA MSA	14.57	137	93,765	\$1,944
Huntsville, AL MSA	6.23	20	4,698	\$1,865
Fort Walton Beach-Crestview-Destin, FL MSA ^{3/}	5.87	15	1,674	\$1,259
Waco, TX MSA	4.16	5	1,634	\$2,106
Carson City, NV MSA ^{3/}	4.21	6	433	\$1,172
Hot Springs, AR MSA	4.09	4	544	\$1,046
St. Louis, MO-IL MSA	3.63	29	16,865	\$2,074
Ogden-Clearfield, UT MSA ^{3/}	3.39	16	2,545	\$1,529
Dallas-Fort Worth-Arlington, TX MSA	3.03	105	34,429	\$1,942

² Data is based on 2013 employment or 2012 employment where data was suppressed for 2013. Data shows combined numbers from all three NAICS codes – 3364, 481, and 4881. BLS suppresses data in order to protect the confidentiality of major employers.

Top 10 Metros for Air Transportation (NAICS 481) Concentration

Ranked by Location Quotient (LQ) of NAICS 481 for 2013, unless otherwise noted

Metro	Location Quotient	Establishments	Employment	Average Weekly Wages
Anchorage, AK MSA	5.28	59	3,086	\$1,146
Atlanta-Sandy Springs-Roswell, GA MSA	5.04	116	38,312	\$1,560
Urban Honolulu, HI MSA	4.62	46	6,991	\$1,146
Fairbanks, AK MSA	4.30	14	538	\$901
Elmira, NY MSA	3.51	5	432	\$940
Dallas-Fort Worth-Arlington, TX MSA	3.16	128	32,366	\$1,553
Denver-Aurora-Lakewood, CO MSA	3.14	66	13,409	\$1,252
Charlotte-Concord-Gastonia, NC-SC MSA	2.88	29	9,727	\$1,183
Salt Lake City, UT MSA ^{3/}	2.56	29	5,596	\$1,159
Miami-Fort Lauderdale-West Palm Beach, FL MSA	2.49	372	18,832	\$1,358

Top 10 Metros for Support Activity (NAICS 4881) Concentration

Ranked by Location Quotient (LQ) of NAICS 4881 for 2013, unless otherwise noted

Metro	Location Quotient	Establishments	Employment	Average Weekly Wages
California-Lexington Park, MD MSA	26.28	14	1,397	\$1,410
Wichita Falls, TX MSA	8.04	8	568	\$1,128
Panama City, FL MSA	7.48	13	706	\$1,395
Lawton, OK MSA	7.20	8	396	\$850
Kahului-Wailuku-Lahaina, HI MSA	5.23	7	467	\$681
Great Falls, MT MSA	4.67	11	207	\$952
Anchorage, AK MSA	4.44	53	972	\$669
Brunswick, GA MSA	4.13	5	203	\$797
Daphne-Fairhope-Foley, AL MSA	3.97	14	312	\$1,188
Tulsa, OK MSA	3.26	55	1,682	\$1,159

^{3/} 2012 data are used as 2013 data were suppressed to protect confidentiality of major employers.

Source: US Bureau of Labor Statistics, Garner Economics

The tables above show the variety of metro areas with concentrations of aviation employment. A handful of metros in the Aerospace Manufacturing sector and the Support Activities for Air Transportation sector have high concentrations above a location quotient of 10, while the remaining metros have location quotients ranging from 3 to 6.

For **Aerospace Manufacturing**, the top 10 LQs are varied in size and geographically diverse. There are a small number of large aviation manufacturing facilities across the nation and these metros mark the majority of the bigger original equipment manufacturing (OEM) plants. For some metros, we can see that the aviation industry is a sizable portion of their economy. For example Wichita has a LQ of 28.25 and Seattle has a LQ of 14.57.

For **Air Transportation and Support Activities for Air Transportation**, the top metros are again geographically diverse. Since both of these sectors deal with scheduled and unscheduled flights of both people and cargo and all of the activity to support these flights, several metros on the list are in locations



that require air transportation for connectivity such as those in Alaska and Hawaii. Most of the other metros on the list are those with major air hub operations for passenger and cargo air traffic.

Please note: *A full listing of labor force and unemployment data for U.S. metro areas is provided on the following pages. Due to Bureau of Labor Statistics disclosure policies, data may not be available for all areas as noted on the table. Metro areas are included if data is available for 2013. Thus the reason for any metro not listed.*

All U.S. Metro Areas: The Aviation Industry

Annual Establishment and Employment Data, 2013 and 2012, from Bureau of Labor Statistics

Methodology: Listed in the table below are figures for aviation employment, establishments, and average weekly wage for Metropolitan Statistical Areas across the nation. This data is obtained through the Bureau of Labor Statistics and reflects 2013 annual data or 2012 annual data if 2013 was unavailable. For many MSAs however, the non-disclosure of data was suppressed to protect the identity, or identifiable information, of cooperating employers, generally a single large employer. For instance, Charleston SC is home to a large Boeing manufacturing facility, and with only 6 establishments reporting for the NAICS 3364 sector, data could easily be attributable to Boeing. The same would be true of Airbus with its large facility in Mobile AL – only 3 establishments reported data for 2013, most would be Airbus employment data. In some cases data was not included because it did not meet BLS or State agency disclosure standards. For a handful of MSAs, there were reasonable amount of establishments, however the data was not released due to data standards issues. In examples of MSAs where no data were reported for 2013 or 2012 in all three NAICS categories, it was not included in this list.

Metropolitan Statistical Area (MSA)	NAICS 3364: Aerospace Mfg			NAICS 481: Air Transportation			NAICS 4881: Support Activities		
	Estab-lishments	Employ-ment	Avg Weekly Wage	Estab-lishments	Employ-ment	Avg Weekly Wage	Estab-lishments	Employ-ment	Avg Weekly Wage
Abilene, TX MSA	2	n/d	n/d	3	n/d	n/d	6	159	\$1,351
Akron, OH MSA	10	n/d	n/d	10	242	\$1,005	7	61	\$537
Albany-Schenectady-Troy, NY MSA	1	n/d	n/d	7	177	\$719	9	250	\$615
Albuquerque, NM MSA	11	625	\$1,556	23	n/d	n/d	26	493	\$1,129
Allentown-Bethlehem-Easton, PA-NJ MSA ^{3/}	2	n/d	n/d	17	213	\$1,184	7	n/d	n/d
Anchorage, AK MSA	7	n/d	n/d	59	3086	\$1,146	53	972	\$669
Ann Arbor, MI MSA	3	39	\$1,057	10	1204	\$1,479	3	n/d	n/d
Appleton, WI MSA	1	n/d	n/d	1	n/d	n/d	4	38	\$1,191
Asheville, NC MSA ^{3/}	5	359	1194	7	543	\$838	3	n/d	n/d
Athens-Clarke County, GA MSA	2	n/d	n/d	4	10	\$541	1	n/d	n/d
Atlanta-Sandy Springs-Roswell, GA MSA	52	7275	\$1,768	116	38312	\$1,560	114	2826	\$775
Augusta-Richmond County, GA-SC MSA	12	35	\$1,700	1	n/d	n/d	9	340	\$1,157
Austin-Round Rock, TX MSA	9	767	\$1,003	20	964	\$1,259	33	n/d	n/d
Bakersfield, CA MSA	11	621	\$1,400	4	45	\$618	18	315	\$1,041
Baltimore-Columbia-Towson, MD MSA ^{3/}	8	2914	\$1,515	30	3733	\$1,537	35	792	\$664
Barnstable Town, MA MSA	1	n/d	n/d	7	298	\$956	9	53	\$1,098
Bellingham, WA MSA	3	n/d	n/d	6	188	\$990	7	60	\$570
Bend-Redmond, OR MSA ^{3/}	11	156	\$985	6	46	\$586	3	n/d	n/d
Binghamton, NY MSA	2	n/d	n/d	2	n/d	n/d	6	27	\$518
Birmingham-Hoover, AL MSA	3	n/d	n/d	24	230	\$1,117	16	232	\$695
Boise City, ID MSA	8	32	\$1,426	25	593	\$962	22	n/d	n/d
Boston-Cambridge-Newton, MA-NH MSA ^{3/}	22	11203	\$2,100	79	6814	\$1,041	51	1867	\$572
Boulder, CO MSA	5	n/d	n/d	2	n/d	n/d	7	9	\$1,284
Bridgeport-Stamford-Norwalk, CT MSA	21	n/d	n/d	21	331	\$1,820	15	97	\$1,305

Brownsville-Harlingen, TX MSA	1	n/d	n/d	8	128	\$1,004	9	92	\$546
Buffalo-Cheektowaga-Niagara Falls, NY MSA ^{3/}	4	642	1109	12	239	\$1,219	14	162	\$426
Burlington, NC MSA	1	n/d	n/d	1	n/d	n/d	3	91	\$1,567
Burlington-South Burlington, VT MSA	4	90	\$1,181	10	91	\$730	10	n/d	n/d
Canton-Massillon, OH MSA	1	n/d	n/d	1	n/d	n/d	4	65	\$494
Cape Coral-Fort Myers, FL MSA	5	n/d	n/d	15	427	\$777	18	367	\$698
Carson City, NV MSA	6	264	\$1,254	3	n/d	n/d	3	n/d	n/d
Casper, WY MSA	1	n/d	n/d	3	n/d	n/d	4	23	\$816
Charleston-North Charleston, SC MSA ^{3/}	6	n/d	n/d	14	288	\$995	15	108	\$798
Charlotte-Concord-Gastonia, NC-SC MSA	12	206	\$1,508	29	9727	\$1,183	28	622	\$562
Chicago-Naperville-Elgin, IL-IN-WI MSA	23	805	\$1,584	201	33429	\$1,504	118	4035	\$583
Cincinnati, OH-KY-IN MSA	44	9898	\$2,016	29	2853	\$1,208	46	1064	\$1,292
Cleveland-Elyria, OH MSA	30	2965	\$1,345	29	3793	\$1,262	35	1106	\$633
Coeur d'Alene, ID MSA ^{3/}	3	13	730	4	8	\$1,231	6	n/d	n/d
Colorado Springs, CO MSA	8	258	\$1,878	9	384	\$875	23	285	\$920
Columbus, GA-AL MSA	7	1113	\$1,181	4	n/d	n/d	4	n/d	n/d
Columbus, OH MSA ^{3/}	5	n/d	n/d	25	4690	\$1,972	29	1097	\$1,205
Crestview-Fort Walton Beach-Destin, FL MSA	18	n/d	n/d	5	n/d	n/d	16	182	\$1,183
Dallas-Fort Worth-Arlington, TX MSA	105	34429	\$1,942	128	32366	\$1,553	232	7803	\$1,042
Daphne-Fairhope-Foley, AL MSA	4	n/d	n/d	1	n/d	n/d	14	312	\$1,188
Davenport-Moline-Rock Island, IA-IL MSA	2	n/d	n/d	3	n/d	n/d	4	62	\$523
Dayton, OH MSA ^{3/}	20	2207	1577	15	471	\$807	20	645	\$1,014
Deltona-Daytona Beach-Ormond Beach, FL MSA ^{3/}	11	n/d	n/d	11	60	\$731	23	198	\$609
Denver-Aurora-Lakewood, CO MSA ^{3/}	19	6092	\$2,293	66	13409	\$1,252	71	1758	\$617
Detroit-Warren-Dearborn, MI MSA	28	1946	\$1,314	60	11414	\$1,485	45	1997	\$603
Dothan, AL MSA ^{3/}	1	n/d	n/d	3	30	\$663	4	n/d	n/d
Dover, DE MSA	2	n/d	n/d	2	n/d	n/d	9	42	\$964
Duluth, MN-WI MSA ^{3/}	4	426	1051	5	n/d	n/d	3	32	726
Durham-Chapel Hill, NC MSA	1	n/d	n/d	1	n/d	n/d	5	15	\$567
El Paso, TX MSA	4	n/d	n/d	13	413	\$1,409	23	331	\$884
Elmira, NY MSA	1	n/d	n/d	5	432	\$940	6	78	\$1,517
Eugene, OR MSA	5	78	\$697	8	81	\$884	6	55	\$536
Fargo, ND-MN MSA	2	n/d	n/d	4	6	\$879	11	131	\$666
Fayetteville, NC MSA ^{3/}	1	n/d	n/d	4	79	725	14	n/d	n/d
Fayetteville-Springdale-Rogers, AR-MO MSA ^{3/}	5	197	1004	9	n/d	n/d	10	n/d	n/d
Flagstaff, AZ MSA	2	n/d	n/d	1	n/d	n/d	4	47	\$493
Flint, MI MSA	1	n/d	n/d	2	n/d	n/d	4	80	\$897
Florence-Muscle Shoals, AL MSA	1	n/d	n/d	2	n/d	n/d	3	n/d	n/d
Fort Collins, CO MSA	2	n/d	n/d	4	25	\$1,538	5	101	\$1,046
Gainesville, FL MSA ^{3/}	3	44	1020	1	n/d	n/d	5	91	655
Grand Junction, CO MSA ^{3/}	1	n/d	n/d	4	78	689	6	n/d	n/d
Grand Rapids-Wyoming, MI MSA	7	674	\$1,092	11	253	\$843	10	n/d	n/d
Greensboro-High Point, NC MSA	3	n/d	n/d	13	192	\$1,032	24	n/d	n/d
Greenville-Anderson-Mauldin, SC MSA ^{3/}	7	620	\$1,729	15	62	\$871	21	1122	\$1,322
Gulfport-Biloxi-Pascagoula, MS MSA	3	n/d	n/d	5	n/d	n/d	19	538	\$989
Hagerstown-Martinsburg, MD-WV MSA ^{3/}	9	n/d	n/d	4	n/d	n/d	10	91	1126
Harrisburg-Carlisle, PA MSA	3	n/d	n/d	9	305	\$1,271	7	n/d	n/d
Hartford-West Hartford-East	104	n/d	n/d	20	537	\$816	24	674	\$920

Hartford, CT MSA									
Hot Springs, AR MSA	4	544	\$1,046	1	n/d	n/d	3	n/d	n/d
Houston-The Woodlands-Sugar Land, TX MSA ^{3/}	16	1395	\$2,337	113	22530	\$1,456	113	3554	\$908
Huntsville, AL MSA	20	4698	\$1,865	7	179	\$1,903	20	n/d	n/d
Idaho Falls, ID MSA	1	n/d	n/d	6	n/d	n/d	7	46	\$720
Indianapolis-Carmel-Anderson, IN MSA	24	5414	\$1,913	27	5643	\$843	47	1858	\$972
Ithaca, NY MSA ^{3/}	3	294	\$1,107	4	83	755	1	n/d	n/d
Jacksonville, FL MSA	18	2747	\$1,281	18	465	\$827	43	n/d	n/d
Kansas City, MO-KS MSA	9	955	\$1,261	27	900	\$905	40	1053	\$792
Kennewick-Richland, WA MSA	1	n/d	n/d	4	57	\$443	3	3	\$846
Killeen-Temple, TX MSA	1	n/d	n/d	5	57	\$723	16	n/d	n/d
Kingsport-Bristol-Bristol, TN-VA MSA	1	n/d	n/d	4	23	\$582	4	n/d	n/d
Knoxville, TN MSA	7	543	\$1,294	13	373	\$756	7	44	\$480
Lafayette, LA MSA	5	180	\$1,078	14	447	\$1,283	18	606	\$1,351
Lake Charles, LA MSA	3	n/d	n/d	8	n/d	n/d	8	240	\$1,004
Lakeland-Winter Haven, FL MSA	6	26	\$496	7	n/d	n/d	16	81	\$840
Lancaster, PA MSA	2	n/d	n/d	6	33	\$933	5	60	\$859
Lansing-East Lansing, MI MSA ^{3/}	4	308	\$1,636	3	20	410	4	60	\$897
Las Cruces, NM MSA	4	n/d	n/d	1	n/d	n/d	9	87	\$1,124
Las Vegas-Henderson-Paradise, NV MSA	4	n/d	n/d	61	5474	\$1,405	106	2979	\$730
Lawton, OK MSA	2	n/d	n/d	1	n/d	n/d	8	396	\$850
Lewiston-Auburn, ME MSA	2	n/d	n/d	1	n/d	n/d	4	18	\$613
Lexington-Fayette, KY MSA	5	n/d	n/d	7	80	\$522	12	69	\$767
Little Rock-North Little Rock-Conway, AR MSA	5	n/d	n/d	17	411	\$1,454	26	458	\$715
Los Angeles-Long Beach-Anaheim, CA MSA	352	50126	\$1,846	210	19626	\$1,421	192	9342	\$828
Louisville-Jefferson County, KY-IN MSA ^{3/}	1	n/d	n/d	32	515	\$805	27	450	\$986
Lynchburg, VA MSA	1	n/d	n/d	4	n/d	n/d	4	28	\$584
Macon, GA MSA	3	n/d	n/d	2	n/d	n/d	7	332	\$870
Manchester-Nashua, NH MSA	2	n/d	n/d	19	253	\$1,189	10	123	\$547
McAllen-Edinburg-Mission, TX MSA	1	n/d	n/d	7	63	\$1,336	8	251	\$527
Medford, OR MSA	2	n/d	n/d	9	214	\$973	8	n/d	n/d
Memphis, TN-MS-AR MSA	6	148	\$845	19	1764	\$1,085	31	477	\$785
Miami-Fort Lauderdale-West Palm Beach, FL MSA	121	4834	\$1,580	372	18832	\$1,358	384	9188	\$779
Midland, TX MSA	1	n/d	n/d	9	100	\$1,153	3	n/d	n/d
Milwaukee-Waukesha-West Allis, WI MSA	7	151	\$1,216	27	1059	\$830	29	n/d	n/d
Minneapolis-St. Paul-Bloomington, MN-WI MSA ^{3/}	19	363	1168	48	12618	\$1,331	47	717	\$893
Mobile, AL MSA	3	n/d	n/d	8	145	\$695	10	n/d	n/d
Montgomery, AL MSA	6	n/d	n/d	5	65	\$691	10	61	\$1,169
Mount Vernon-Anacortes, WA MSA	2	n/d	n/d	1	n/d	n/d	6	139	\$810
Myrtle Beach-Conway-North Myrtle Beach, SC-NC MSA ^{3/}	2	n/d	n/d	11	n/d	n/d	5	88	922
Naples-Immokalee-Marco Island, FL MSA	2	n/d	n/d	10	23	\$919	8	28	\$1,058
Nashville-Davidson--Murfreesboro--Franklin, TN MSA	6	n/d	n/d	27	920	\$987	30	1200	\$805
New Haven-Milford, CT MSA	21	1250	\$1,792	9	176	\$1,642	15	157	\$1,223
New Orleans-Metairie, LA MSA	8	n/d	n/d	28	n/d	n/d	25	427	\$493
New York-Newark-Jersey City, NY-NJ-PA MSA	85	5529	\$1,647	308	44994	\$1,443	206	9745	\$639
Niles-Benton Harbor, MI MSA	1	n/d	n/d	1	n/d	n/d	3	15	\$533
North Port-Sarasota-Bradenton, FL	10	n/d	n/d	16	n/d	n/d	13	279	\$384

MSA									
Norwich-New London, CT MSA	4	n/d	n/d	2	n/d	n/d	6	223	\$1,007
Ocala, FL MSA	1	n/d	n/d	2	n/d	n/d	5	47	\$635
Ogden-Clearfield, UT MSA ^{3/}	16	2545	1529	2	n/d	n/d	21	289	\$1,015
Oklahoma City, OK MSA	16	1410	\$1,940	20	268	\$1,098	63	1592	\$1,272
Olympia-Tumwater, WA MSA	4	n/d	n/d	4	57	\$1,092	4	n/d	n/d
Omaha-Council Bluffs, NE-IA MSA	2	n/d	n/d	23	356	\$1,043	22	386	\$500
Orlando-Kissimmee-Sanford, FL MSA	24	n/d	n/d	54	5458	\$1,435	89	2848	\$567
Oshkosh-Neenah, WI MSA	2	n/d	n/d	2	n/d	n/d	4	35	\$571
Owensboro, KY MSA	1	n/d	n/d	4	23	\$863	3	n/d	n/d
Oxnard-Thousand Oaks-Ventura, CA MSA	25	810	\$1,229	7	126	\$1,259	20	383	\$819
Palm Bay-Melbourne-Titusville, FL MSA	22	1900	\$1,921	9	801	\$2,538	17	553	\$1,183
Panama City, FL MSA	5	8	\$2,362	4	86	738	13	706	\$1,395
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA	30	10095	\$1,922	80	9002	\$1,100	79	2087	\$754
Phoenix-Mesa-Scottsdale, AZ MSA	94	n/d	n/d	85	12480	\$1,360	119	n/d	n/d
Pittsburgh, PA MSA	5	312	\$1,052	27	2537	\$1,303	30	749	\$762
Port St. Lucie, FL MSA ^{3/}	3	n/d	n/d	7	87	\$1,481	28	411	\$803
Portland-South Portland, ME MSA ^{3/}	3	n/d	n/d	10	59	\$710	15	269	\$552
Portland-Vancouver-Hillsboro, OR-WA MSA	17	2314	\$1,617	44	n/d	n/d	44	n/d	n/d
Prescott, AZ MSA	4	228	\$1,021	1	n/d	n/d	7	214	\$1,603
Provo-Orem, UT MSA	4	267	\$1,155	5	n/d	n/d	8	65	\$858
Racine, WI MSA	4	73	\$882	1	n/d	n/d	6	40	\$887
Raleigh, NC MSA ^{3/}	5	27	\$1,418	18	n/d	n/d	21	302	\$942
Reading, PA MSA	1	n/d	n/d	6	58	\$1,391	5	n/d	n/d
Reno, NV MSA	2	n/d	n/d	13	296	\$870	28	304	\$834
Richmond, VA MSA	2	n/d	n/d	19	563	\$884	12	262	\$861
Riverside-San Bernardino-Ontario, CA MSA	53	1682	\$1,018	27	1567	\$1,100	76	2065	\$686
Rochester, NY MSA	1	n/d	n/d	14	158	\$1,283	9	183	\$437
Rockford, IL MSA	4	n/d	n/d	5	n/d	n/d	11	251	\$818
Sacramento-Roseville--Arden-Arcade, CA MSA ^{3/}	7	n/d	n/d	24	n/d	n/d	40	734	\$947
Salem, OR MSA	2	n/d	n/d	4	23	\$1,294	14	110	\$810
Salinas, CA MSA	1	n/d	n/d	6	241	\$1,847	10	92	\$1,242
Salt Lake City, UT MSA ^{3/}	21	1902	\$2,087	29	5596	\$1,159	26	784	\$491
San Antonio-New Braunfels, TX MSA	39	4239	\$1,169	28	1309	\$1,458	62	1506	\$984
San Diego-Carlsbad, CA MSA	47	6826	\$1,720	39	1451	\$961	68	1207	\$786
San Francisco-Oakland-Hayward, CA MSA	13	418	\$1,560	76	n/d	n/d	52	3533	\$599
San Jose-Sunnyvale-Santa Clara, CA MSA	12	n/d	n/d	20	680	\$1,164	26	n/d	n/d
San Luis Obispo-Paso Robles-Arroyo Grande, CA MSA	1	n/d	n/d	7	191	\$884	7	n/d	n/d
Santa Maria-Santa Barbara, CA MSA	11	1417	\$1,310	11	185	\$769	13	136	\$788
Santa Rosa, CA MSA	1	n/d	n/d	3	148	\$1,822	8	n/d	n/d
Scranton--Wilkes-Barre--Hazleton, PA MSA	7	427	\$1,140	6	91	\$418	7	n/d	n/d
Seattle-Tacoma-Bellevue, WA MSA	137	93765	\$1,944	67	n/d	n/d	99	2995	\$683
Sebastian-Vero Beach, FL MSA	5	n/d	n/d	1	n/d	n/d	8	52	\$902
Sebring, FL MSA	2	n/d	n/d	2	n/d	n/d	4	26	\$500
Shreveport-Bossier City, LA MSA ^{3/}	5	17	1643	19	406	\$1,046	13	n/d	n/d
Sioux Falls, SD MSA	2	n/d	n/d	6	93	\$653	10	n/d	n/d
South Bend-Mishawaka, IN-MI MSA	9	959	\$1,440	7	227	\$779	4	n/d	n/d
Spokane-Spokane Valley, WA MSA	7	900	\$1,208	7	350	\$774	20	809	\$1,091

Springfield, MA MSA ^{3/}	11	n/d	n/d	2	n/d	n/d	9	319	1166
Springfield, MO MSA	1	n/d	n/d	6	137	\$719	8	172	\$763
St. George, UT MSA	2	n/d	n/d	4	n/d	n/d	6	23	\$595
St. Louis, MO-IL MSA	29	16865	\$2,074	32	3186	\$1,468	57	2119	\$1,013
Stockton-Lodi, CA MSA	3	n/d	n/d	2	n/d	n/d	7	91	\$909
Tampa-St. Petersburg-Clearwater, FL MSA ^{3/}	21	895	1042	27	2689	\$974	62	n/d	n/d
Terre Haute, IN MSA ^{3/}	4	480	1047	1	n/d	n/d	5	48	\$743
Toledo, OH MSA ^{3/}	7	211	\$1,248	3	46	777	8	158	\$802
Trenton, NJ MSA	1	n/d	n/d	5	10	\$1,246	10	145	\$1,531
Tucson, AZ MSA	11	n/d	n/d	12	264	\$911	30	1181	\$869
Tulsa, OK MSA	27	4508	\$1,188	29	n/d	n/d	55	1682	\$1,159
Urban Honolulu, HI MSA	2	n/d	n/d	46	6991	\$1,146	42	1563	\$574
Vallejo-Fairfield, CA MSA ^{3/}	3	n/d	n/d	2	n/d	n/d	3	47	1292
Virginia Beach-Norfolk-Newport News, VA-NC MSA	10	215	\$1,363	21	894	\$819	37	1380	\$901
Visalia-Porterville, CA MSA	3	31	\$825	1	n/d	n/d	9	56	\$908
Waco, TX MSA ^{3/}	5	1634	\$2,106	4	19	648	5	53	\$856
Washington-Arlington-Alexandria, DC-VA-MD-WV MSA	20	813	\$1,762	118	10669	\$1,375	102	4172	\$958
Wenatchee, WA MSA ^{3/}	3	12	475	4	n/d	n/d	4	n/d	n/d
Wichita Falls, TX MSA	5	n/d	n/d	2	n/d	n/d	8	568	\$1,128
Wichita, KS MSA ^{3/}	130	29803	\$1,433	17	356	881	50	694	\$983
Wilmington, NC MSA ^{3/}	3	n/d	n/d	2	n/d	n/d	8	56	544
Winston-Salem, NC MSA	4	n/d	n/d	8	n/d	n/d	13	456	\$961
Worcester, MA-CT MSA ^{3/}	4	n/d	n/d	3	n/d	n/d	7	18	998
York-Hanover, PA MSA ^{3/}	2	n/d	n/d	3	7	1126	5	43	\$1,064
Yuba City, CA MSA	3	n/d	n/d	1	n/d	n/d	5	92	\$1,639
Yuma, AZ MSA	1	n/d	n/d	3	12	711	4	30	\$947

^{3/} 2012 data are used, as 2013 data were suppressed to protect confidentiality of major employer or data did not meet BLS or State agency standards.

n/d = No data were reported for 2012 or 2013 to protect confidentiality of major employers or data did not meet BLS or State agency standards.

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW)

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