



September 2017

Back to School: Associate Degrees in U.S. Metros

Students Awarded Associate Degrees and Certificates Under 4 years



It is back to school time in the U.S. and the topic of achievement is top in the minds of students, parents, and recruiters. With the continuing conversation of labor force participation decline, educating the future workforce is a vital topic. This paper asserts that there is a significant number of students earning associate degrees or certificates to aid economic developers promoting their local institutions in their efforts to attract, retain, and grow businesses.

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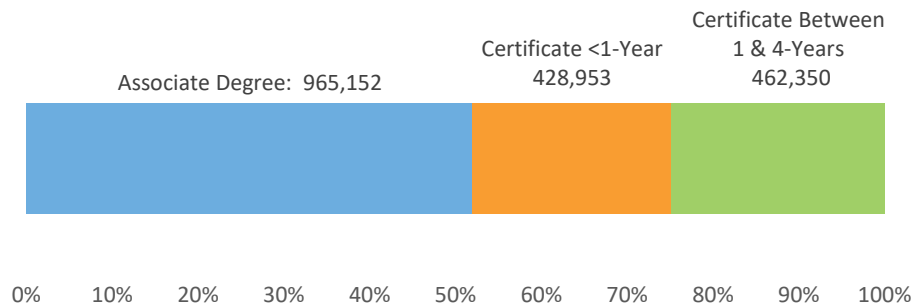
ASSOCIATE DEGREES & WORKFORCE PIPELINE

In this day of rampant student loans and some stagnation of the “degree premium” on bachelor’s degrees, the associate degree or certificate is attractive to many of the nation’s youth and valued by businesses. The option of attending community college or technical schools is viewed as an affordable and expedient route to gainful employment. The concern over a shrinking workforce, aging of skilled workers, and technological transformations of how we work contribute to the competition for skilled labor by communities and companies.

Community colleges are often viewed as the institutions that are closely aligned with local business and industry providing a pipeline of workers. The growing trend of early or middle colleges for high school students offers an accelerated path to gaining 2-year degrees. Apprenticeship programs and partnerships have also increased as another resource in communities to match employers seeking skilled workers and students gaining an affordable education with work experience as well.

Across the nation, there were 965,152 students graduating in 2015-2016 with an associate degree. Additionally, 428,953 students attained a certificate for achievement of less than one year and 462,350 received a certificate taking between one and four years from community colleges and technical training institutions. The number of students who graduated with an associate degree or certificate in the 2015-2016 school year totaled 1,856,455 compared to 1,898,166 students with bachelor’s degrees.

U.S. STUDENTS AWARDED ASSOCIATE DEGREES & CERTIFICATES



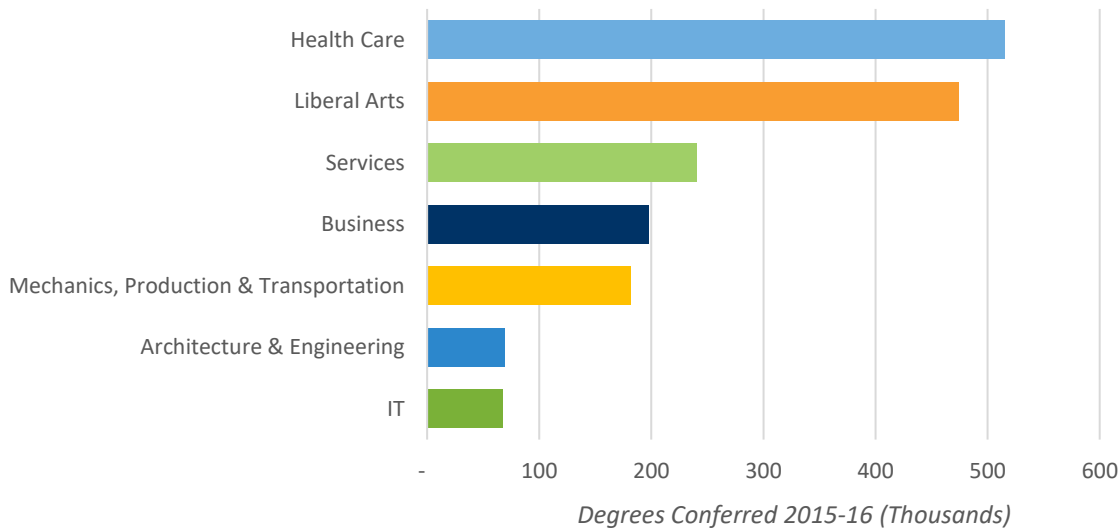
1,856,455

Students Graduating in 2015-16 with an Associate Degree or Certificate

Source: National Center for Educational Statistics for 2015-16 School Year, Garner Economics



TOP MAJORS FOR ASSOCIATE DEGREES OR CERTIFICATES IN U.S.



Major	Associate Degrees or Certificates Conferred	Percent of Total Associate Degrees or Certificates Conferred
Health Care	515,247	26%
Liberal Arts	473,747	24%
Services (Protective, Culinary, Family & Consumer Sciences/ Human Sciences)	240,195	12%
Business, Management, Marketing	197,564	10%
Mechanics, Production, Transportation & Materials Moving	181,205	9%
Architecture & Engineering	69,300	4%
IT	66,976	3%

Source: National Center for Educational Statistics for 2015-16 School Year, Garner Economics

Note: Majors or Fields of Study are available by Degrees or Certificates Conferred and not Number of Students with degrees or certificates. Figures above reflect First Major; however, it is possible that students may attain more than one degree or certificate.

Fields of study for associate degrees or certificates below the baccalaureate level are concentrated mainly in *Health Care* and *Liberal Arts* when analyzing the number of awards conferred nationwide. Popular *Health Care* fields consist of *Health and Medical Administrative Services*, *Allied Health and Medical Assisting*, *Nursing* and *Laboratory Science*. *Liberal Arts* studies are varied and include topics such as *Social Sciences*, *Psychology*, *Humanities* and other general subjects. Other majors with a high number of awards are *Services*, as well as *Business* and *Mechanics, Production & Transportation*. *Services* is another broad category including fields like *Protective Services*, *Culinary*, and *Family and Consumer Sciences/Human Sciences*.

Of particular interest to economic developers are awards in the next two categories: *Business* and *Mechanics, Production & Transportation*. Business majors include those who will engage in management, marketing and support services – often the backbone of headquarter and back office operations. For the industrial side, studies in *Mechanic and Repair Technologies*; *Precision Production*; and *Transportation & Materials Moving* would find opportunity in manufacturing and distribution operations. In addition to community colleges, institutions such as CDL truck driving schools and welding institutes strengthen the industrial focus.



Top Ten Metros: Number of Students with Associate Degree or Certificate¹

2015-16 School Year

Sorted by Total Degrees & Certificates

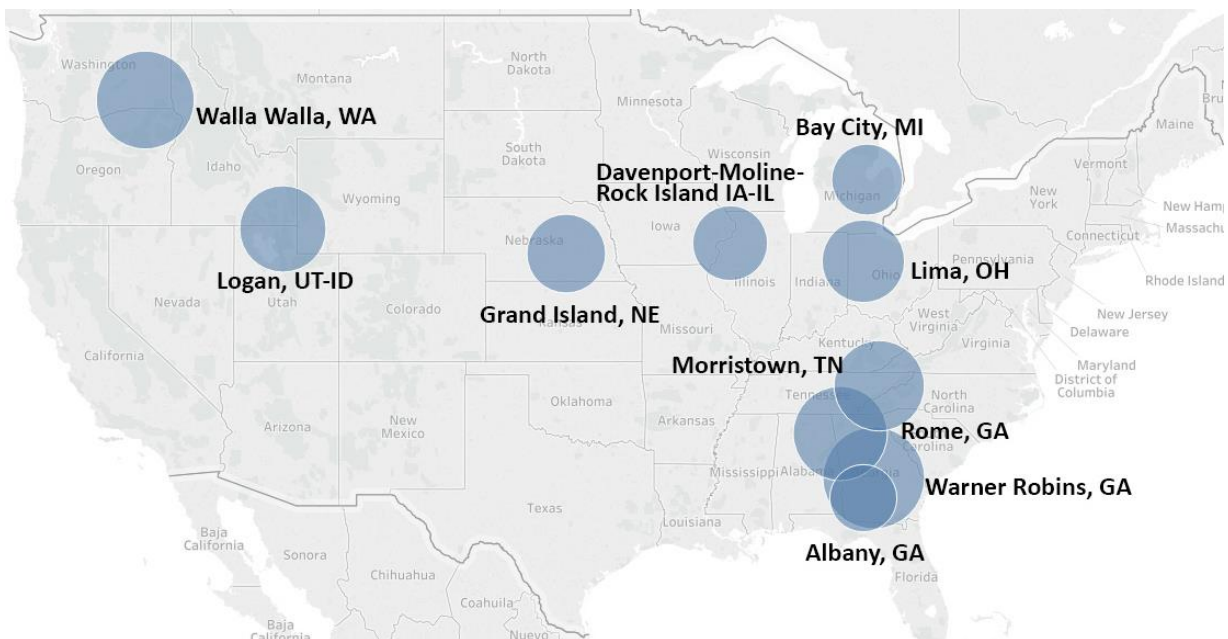
Metro	Number of Students Receiving Degree or Certificate			Total Associate Degree or Certificate
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	
Los Angeles-Long Beach-Anaheim, CA	39,177	22,614	29,122	90,913
New York-Newark-Jersey City, NY-NJ-PA	56,462	11,070	21,565	89,097
Phoenix-Mesa-Scottsdale, AZ	28,799	13,008	16,391	58,198
Chicago-Naperville-Elgin, IL-IN-WI	24,889	20,492	9,972	55,353
Miami-Fort Lauderdale-West Palm Beach, FL	28,474	12,394	9,558	50,426
Houston-The Woodlands-Sugar Land, TX	18,553	6,396	8,934	33,883
Dallas-Fort Worth-Arlington, TX	16,824	4,485	10,551	31,860
Seattle-Tacoma-Bellevue, WA	15,471	8,755	5,357	29,583
Orlando-Kissimmee-Sanford, FL	16,010	7,464	5,899	29,373
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12,451	7,909	8,977	29,337

Source: National Center for Educational Statistics, Garner Economics

The top metro areas for students with associate degrees and certificates occur in the more populous metro areas when looking at the straight count of students or future workers. High population leads to a bigger student population and a proportional number of businesses and employment opportunities that thrive in the nation's biggest cities. More interesting is the number of students compared to the metro population aged 18 years and older.

TOP METROS: STUDENTS WITH ASSOCIATE DEGREE OR CERTIFICATE BY POPULATION

Total Associate Degrees & Certificates per 100,000 Population Age 18 and over



Source: National Center for Educational Statistics, U.S. Census Bureau ACS Population 18 Years and up, Garner Economics

¹ Included are institutions classified as degree-granting and non-degree granting that offer associate degrees and certificates under the baccalaureate level.



Top Ten Metros: Students with Associate Degree or Certificate Related to Population²

2015-16 School Year

Sorted by Total Associate Degrees & Certificates per 100,000 Population Age 18 and over

Metro	Number of Students Receiving Degree or Certificate			Total Associate Degree or Certificate	Students with Associate Degree/Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years		
Rome, GA	1,009	1,021	605	2,635	3,565
Walla Walla, WA	700	615	469	1,784	3,516
Grand Island, NE	751	878	462	2,091	3,331
Lima, OH	1,413	649	540	2,602	3,249
Albany, GA	1,089	1,548	970	3,607	3,067
Warner Robins, GA	390	2,573	622	3,585	2,533
Bay City, MI	1,400	227	402	2,029	2,431
Logan, UT-ID	1,275	541	361	2,177	2,358
Davenport-Moline-Rock Island, IA-IL	4,947	1,388	550	6,885	2,328
Morristown, TN	812	497	730	2,039	2,241

Source: National Center for Educational Statistics, U.S. Census Bureau ACS Population 18 Years and up, Garner Economics

The top ten metros with a high concentration of associate degree and certificates awarded in 2015-16 have a variety of factors contributing to this rank. Rome, GA is served by a several community colleges, one of which is Georgia Northwestern Technical College covering nine counties in the northwest corner of Georgia. This area is right across the border from Chattanooga, TN and its expanding Volkswagen Plant. The State of Georgia supports the training of workers for Volkswagen with a Northwestern campus less than 10 miles from the automotive plant.

Other metros have community colleges with large service areas. Central Community College, based in Grand Island, NE, has multiple locations serving a 25-county area in central Nebraska. In addition to serving a broad geographical area, some have reached out to different populations. Walla Walla Community College offers educational programs and services to qualified offenders at nearby penitentiary and correction center facilities.

Whether reasons include a wide geographic area, online programs or expansion of programs to support new or expanding industry, students who have attained associate-level degrees or certificates below the baccalaureate level add to the developing workforce pipeline of a community. Strengthening partnerships with community colleges while promoting the variety of studies and career options with a reasonable or free (in some cases) education below a 4-year degree can be an advantage to being competitive in this current workforce environment.

²1 Included are institutions classified as degree-granting and non-degree granting that offer associate degrees and certificates under the baccalaureate level.



All U.S. Metro Areas: Students Awarded Associate Degree or Certificate 2015-16

The table below lists U.S. Metro Areas with the number of students who were awarded an associate degree or a certificate below a 4-year degree. Information was obtained from the National Center for Educational Statistics systems. Schools that report data to this organization were included in this analysis.

No data were reported for 2015-16 for the following metro areas: Anniston-Oxford-Jacksonville, AL; Auburn-Opelika, AL; Bloomsburg-Berwick, PA; Elkhart-Goshen, IN; Gettysburg, PA; and Sheboygan, WI.

* Data not reported or is insufficient.

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/ Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
Abilene, TX	*	30	55	85	66
Akron, OH	1,178	382	619	2,179	392
Albany, GA	1,089	1,548	970	3,607	3,067
Albany, OR	644	104	140	888	960
Albany-Schenectady-Troy, NY	5,794	468	1,133	7,395	1,050
Albuquerque, NM	5,033	1,753	2,491	9,277	1,330
Alexandria, LA	181	843	479	1,503	1,287
Allentown-Bethlehem-Easton, PA-NJ	2,367	423	833	3,623	555
Altoona, PA	145	145	237	527	528
Amarillo, TX	966	571	203	1,740	893
Ames, IA	*	27	51	78	98
Anchorage, AK	1,240	203	1,573	3,016	1,011
Ann Arbor, MI	1,092	1,446	200	2,738	945
Appleton, WI	1,098	1,101	744	2,943	1,666
Asheville, NC	1,526	935	270	2,731	755
Athens-Clarke County, GA	383	1,274	404	2,061	1,273
Atlanta-Sandy Springs-Roswell, GA	7,588	9,504	7,396	24,488	573
Atlantic City-Hammonton, NJ	798	121	561	1,480	691
Augusta-Richmond County, GA-SC	867	752	955	2,574	572
Austin-Round Rock, TX	2,606	1,847	2,019	6,472	425
Bakersfield, CA	1,614	861	1,287	3,762	602
Baltimore-Columbia-Towson, MD	7,709	3,169	2,472	13,350	613
Bangor, ME	498	2	69	569	457
Barnstable Town, MA	445	125	62	632	351
Baton Rouge, LA	1,314	885	2,672	4,871	770
Battle Creek, MI	773	96	207	1,076	1,043
Bay City, MI	1,400	227	402	2,029	2,431
Beaumont-Port Arthur, TX	996	374	548	1,918	617
Beckley, WV	279	27	303	609	629
Bellingham, WA	1,430	498	330	2,258	1,326
Bend-Redmond, OR	883	108	253	1,244	900
Billings, MT	345	35	71	451	348
Binghamton, NY	1,022	5	179	1,206	613
Birmingham-Hoover, AL	2,415	552	1,363	4,330	493
Bismarck, ND	923	55	176	1,154	1,138

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
Blacksburg-Christiansburg-Radford, VA	451	136	108	695	462
Bloomington, IL	635	64	135	834	566
Bloomington, IN	14	9	198	221	160
Boise City, ID	1,377	541	773	2,691	539
Boston-Cambridge-Newton, MA-NH	8,461	3,480	3,822	15,763	415
Boulder, CO	*	71	266	337	132
Bowling Green, KY	758	636	559	1,953	1,504
Bremerton-Silverdale, WA	1,232	449	559	2,240	1,086
Bridgeport-Stamford-Norwalk, CT	1,244	808	2,611	4,663	641
Brownsville-Harlingen, TX	401	425	969	1,795	619
Brunswick, GA	218	*	*	218	242
Buffalo-Cheektowaga-Niagara Falls, NY	4,273	299	1,340	5,912	655
Burlington, NC	545	184	73	802	656
Burlington-South Burlington, VT	544	128	168	840	480
California-Lexington Park, MD	*	*	38	38	45
Canton-Massillon, OH	2,074	448	452	2,974	944
Cape Coral-Fort Myers, FL	2,841	832	947	4,620	807
Cape Girardeau, MO-IL	141	28	239	408	544
Carbondale-Marion, IL	596	153	195	944	932
Carson City, NV	483	321	36	840	1,940
Casper, WY	534	44	137	715	1,169
Cedar Rapids, IA	2,075	222	399	2,696	1,326
Chambersburg-Waynesboro, PA	104	1	70	175	148
Champaign-Urbana, IL	718	596	116	1,430	741
Charleston, WV	530	135	498	1,163	667
Charleston-North Charleston, SC	2,006	1,399	648	4,053	701
Charlotte-Concord-Gastonia, NC-SC	5,570	2,323	2,539	10,432	569
Charlottesville, VA	496	145	330	971	524
Chattanooga, TN-GA	1,338	363	450	2,151	500
Cheyenne, WY	618	61	179	858	1,153
Chicago-Naperville-Elgin, IL-IN-WI	24,889	20,492	9,972	55,353	758
Chico, CA	1,126	685	336	2,147	1,192
Cincinnati, OH-KY-IN	4,339	1,721	2,212	8,272	504
Clarksville, TN-KY	1,098	833	250	2,181	1,067
Cleveland, TN	369	363	232	964	1,024
Cleveland-Elyria, OH	6,152	1,519	3,469	11,140	690
Coeur d'Alene, ID	661	35	291	987	858
College Station-Bryan, TX	*	1	49	50	25
Colorado Springs, CO	3,632	1,262	797	5,691	1,080
Columbia, MO	1,541	46	88	1,675	1,204
Columbia, SC	1,273	942	828	3,043	483
Columbus, GA-AL	797	706	675	2,178	918
Columbus, OH	4,967	3,492	2,757	11,216	730
Corpus Christi, TX	922	235	788	1,945	577
Corvallis, OR	*	9	25	34	47
Crestview-Fort Walton Beach-Destin, FL	1,166	252	242	1,660	807
Cumberland, MD-WV	795	89	113	997	1,215
Dallas-Fort Worth-Arlington, TX	16,824	4,485	10,551	31,860	611

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/ Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
Dalton, GA	315	12	101	428	405
Danville, IL	289	173	157	619	1,027
Daphne-Fairhope-Foley, AL	2,485	211	121	2,817	1,773
Davenport-Moline-Rock Island, IA-IL	4,947	1,388	550	6,885	2,328
Dayton, OH	2,958	2,593	1,513	7,064	1,134
Decatur, IL	347	704	203	1,254	1,504
Deltona-Daytona Beach-Ormond Beach, FL	3,023	946	1,015	4,984	974
Denver-Aurora-Lakewood, CO	6,353	8,183	3,800	18,336	852
Des Moines-West Des Moines, IA	3,038	570	734	4,342	937
Detroit-Warren-Dearborn, MI	11,287	2,108	6,106	19,501	586
Dothan, AL	*	*	81	81	71
Dover, DE	1,458	244	283	1,985	1,491
Dubuque, IA	13	45	114	172	230
Duluth, MN-WI	1,456	549	441	2,446	1,089
Durham-Chapel Hill, NC	692	641	531	1,864	428
East Stroudsburg, PA	*	4	56	60	46
Eau Claire, WI	835	798	498	2,131	1,641
El Centro, CA	801	561	172	1,534	1,187
El Paso, TX	4,254	1,255	3,481	8,990	1,488
Elizabethtown-Fort Knox, KY	819	810	179	1,808	1,622
Elmira, NY	106	*	36	142	207
Erie, PA	726	194	462	1,382	635
Eugene, OR	1,119	142	327	1,588	540
Evansville, IN-KY	360	210	359	929	380
Fairbanks, AK	300	110	205	615	814
Fargo, ND-MN	240	183	198	621	342
Farmington, NM	662	629	349	1,640	1,874
Fayetteville, NC	1,650	1,887	526	4,063	1,460
Fayetteville-Springdale-Rogers, AR-MO	819	404	435	1,658	434
Flagstaff, AZ	381	427	96	904	823
Flint, MI	4,624	150	915	5,689	1,803
Florence, SC	529	343	271	1,143	726
Florence-Muscle Shoals, AL	361	140	92	593	510
Fond du Lac, WI	466	172	422	1,060	1,326
Fort Collins, CO	104	89	143	336	126
Fort Smith, AR-OK	826	277	407	1,510	712
Fort Wayne, IN	1,138	104	355	1,597	501
Fresno, CA	2,616	1,356	2,119	6,091	875
Gadsden, AL	629	400	370	1,399	1,738
Gainesville, FL	3,522	474	276	4,272	1,898
Gainesville, GA	194	770	487	1,451	1,016
Glens Falls, NY	715	*	420	1,135	1,111
Goldsboro, NC	725	334	135	1,194	1,262
Grand Forks, ND-MN	*	50	79	129	160
Grand Island, NE	751	878	462	2,091	3,331
Grand Junction, CO	373	204	363	940	813
Grand Rapids-Wyoming, MI	2,976	367	1,085	4,428	565
Grants Pass, OR	560	191	217	968	1,415

Metro	Number of Students Receiving Degree or Certificate			Total Associate Degree or Certificate	Students with Associate Degree/ Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years		
Great Falls, MT	263	82	122	467	730
Greeley, CO	515	720	97	1,332	638
Green Bay, WI	1,529	793	951	3,273	1,353
Greensboro-High Point, NC	2,080	434	1,612	4,126	709
Greenville, NC	1,152	449	187	1,788	1,302
Greenville-Anderson-Mauldin, SC	2,510	1,100	620	4,230	625
Gulfport-Biloxi-Pascagoula, MS	105	172	255	532	180
Hagerstown-Martinsburg, MD-WV	1,156	308	759	2,223	1,104
Hammond, LA	13	67	30	110	114
Hanford-Corcoran, CA	416	217	41	674	615
Harrisburg-Carlisle, PA	2,237	138	502	2,877	649
Harrisonburg, VA	*	*	17	17	16
Hartford-West Hartford-East Hartford, CT	2,985	1,319	2,130	6,434	670
Hattiesburg, MS	96	133	47	276	246
Hickory-Lenoir-Morganton, NC	1,497	193	142	1,832	645
Hilton Head Island-Bluffton-Beaufort, SC	221	165	53	439	264
Homosassa Springs, FL	*	129	116	245	204
Hot Springs, AR	376	38	287	701	905
Houma-Thibodaux, LA	398	1,478	520	2,396	1,509
Houston-The Woodlands-Sugar Land, TX	18,553	6,396	8,934	33,883	696
Huntington-Ashland, WV-KY-OH	1,210	508	1,000	2,718	959
Huntsville, AL	1,361	341	368	2,070	601
Idaho Falls, ID	131	54	159	344	360
Indianapolis-Carmel-Anderson, IN	12,121	3,016	9,099	24,236	1,628
Iowa City, IA	*	15	43	58	44
Ithaca, NY	685	1	112	798	890
Jackson, MI	666	163	378	1,207	970
Jackson, MS	2,579	976	1,452	5,007	1,154
Jackson, TN	488	354	353	1,195	1,198
Jacksonville, FL	5,543	3,601	2,392	11,536	1,028
Jacksonville, NC	759	575	268	1,602	1,157
Janesville-Beloit, WI	278	188	262	728	591
Jefferson City, MO	507	38	182	727	624
Johnson City, TN	18	165	411	594	368
Johnstown, PA	597	197	360	1,154	1,048
Jonesboro, AR	382	*	*	382	394
Joplin, MO	974	215	229	1,418	1,071
Kahului-Wailuku-Lahaina, HI	421	*	103	524	409
Kalamazoo-Portage, MI	942	118	357	1,417	545
Kankakee, IL	457	287	379	1,123	1,333
Kansas City, MO-KS	7,378	2,510	3,764	13,652	868
Kennewick-Richland, WA	1,041	186	220	1,447	730
Killeen-Temple, TX	3,563	449	500	4,512	1,437
Kingsport-Bristol-Bristol, TN-VA	1,139	235	401	1,775	723
Kingston, NY	443	*	186	629	428
Knoxville, TN	2,417	1,609	1,225	5,251	769
Kokomo, IN	13	20	189	222	347
La Crosse-Onalaska, WI-MN	663	693	352	1,708	1,564

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
Lafayette, LA	695	1,177	1,755	3,627	989
Lafayette-West Lafayette, IN	67	417	115	599	354
Lake Charles, LA	512	938	769	2,219	1,432
Lake Havasu City-Kingman, AZ	392	103	301	796	476
Lakeland-Winter Haven, FL	1,557	405	294	2,256	449
Lancaster, PA	689	159	489	1,337	328
Lansing-East Lansing, MI	1,694	1,382	1,885	4,961	1,328
Laredo, TX	954	331	642	1,927	1,079
Las Cruces, NM	986	183	265	1,434	897
Las Vegas-Henderson-Paradise, NV	3,601	2,895	2,267	8,763	542
Lawrence, KS	184	18	141	343	358
Lawton, OK	616	117	217	950	960
Lebanon, PA	*	*	136	136	129
Lewiston, ID-WA	199	4	74	277	553
Lewiston-Auburn, ME	529	30	37	596	712
Lexington-Fayette, KY	1,776	1,003	636	3,415	876
Lima, OH	1,413	649	540	2,602	3,249
Lincoln, NE	1,529	139	431	2,099	844
Little Rock-North Little Rock-Conway, AR	1,743	726	2,292	4,761	856
Logan, UT-ID	1,275	541	361	2,177	2,358
Longview, TX	675	290	306	1,271	777
Longview, WA	552	254	169	975	1,224
Los Angeles-Long Beach-Anaheim, CA	39,177	22,614	29,122	90,913	879
Louisville/Jefferson County, KY-IN	2,793	1,304	1,122	5,219	529
Lubbock, TX	*	63	440	503	213
Lynchburg, VA	1,989	499	491	2,979	1,428
Macon, GA	619	2	207	828	470
Madison, WI	3,717	1,655	1,004	6,376	1,263
Manchester-Nashua, NH	1,576	376	499	2,451	767
Manhattan, KS	192	318	230	740	939
Mankato-North Mankato, MN	713	179	78	970	1,225
Mansfield, OH	517	222	144	883	927
McAllen-Edinburg-Mission, TX	3,164	2,244	1,966	7,374	1,314
Medford, OR	*	100	46	146	86
Memphis, TN-MS-AR	2,703	2,360	1,719	6,782	676
Merced, CA	672	156	264	1,092	580
Miami-Fort Lauderdale-West Palm Beach, FL	28,474	12,394	9,558	50,426	1,056
Michigan City-La Porte, IN	85	5	13	103	119
Midland, MI	17	*	*	17	26
Midland, TX	367	22	104	493	410
Milwaukee-Waukesha-West Allis, WI	2,785	2,185	1,306	6,276	521
Minneapolis-St. Paul-Bloomington, MN-WI	9,729	4,168	2,951	16,848	629
Missoula, MT	359	4	286	649	705
Mobile, AL	569	403	629	1,601	506
Modesto, CA	1,236	641	837	2,714	691
Monroe, LA	319	832	591	1,742	1,306
Monroe, MI	440	69	85	594	510
Montgomery, AL	389	478	582	1,449	508

Metro	Number of Students Receiving Degree or Certificate			Total Associate Degree or Certificate	Students with Associate Degree/ Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years		
Morgantown, WV	136	18	176	330	286
Morristown, TN	812	497	730	2,039	2,241
Mount Vernon-Anacortes, WA	621	323	150	1,094	1,156
Muncie, IN	57	1	23	81	86
Muskegon, MI	425	28	265	718	542
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	1,636	596	361	2,593	735
Napa, CA	629	97	235	961	859
Naples-Immokalee-Marco Island, FL	166	205	354	725	247
Nashville-Davidson--Murfreesboro--Franklin, TN	3,191	1,971	3,518	8,680	620
New Bern, NC	397	212	114	723	737
New Haven-Milford, CT	1,734	856	1,201	3,791	556
New Orleans-Metairie, LA	1,895	3,809	2,988	8,692	888
New York-Newark-Jersey City, NY-NJ-PA	56,462	11,070	21,565	89,097	565
Niles-Benton Harbor, MI	423	12	127	562	468
North Port-Sarasota-Bradenton, FL	1,445	651	737	2,833	443
Norwich-New London, CT	513	130	184	827	380
Ocala, FL	2,403	1,128	649	4,180	1,498
Odessa, TX	481	190	433	1,104	989
Ogden-Clearfield, UT	2,442	1,489	996	4,927	1,117
Oklahoma City, OK	4,648	1,350	1,999	7,997	784
Olympia-Tumwater, WA	977	238	203	1,418	672
Omaha-Council Bluffs, NE-IA	2,839	458	679	3,976	586
Orlando-Kissimmee-Sanford, FL	16,010	7,464	5,899	29,373	1,584
Oshkosh-Neenah, WI	*	*	8	8	6
Owensboro, KY	587	428	120	1,135	1,271
Oxnard-Thousand Oaks-Ventura, CA	3,106	524	1,143	4,773	736
Palm Bay-Melbourne-Titusville, FL	2,866	1,142	556	4,564	986
Panama City, FL	876	192	248	1,316	852
Parkersburg-Vienna, WV	451	17	197	665	910
Pensacola-Ferry Pass-Brent, FL	1,883	569	725	3,177	842
Peoria, IL	1,244	891	281	2,416	837
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12,451	7,909	8,977	29,337	620
Phoenix-Mesa-Scottsdale, AZ	28,799	13,008	16,391	58,198	1,687
Pine Bluff, AR	128	118	200	446	605
Pittsburgh, PA	6,490	2,872	2,732	12,094	636
Pittsfield, MA	363	53	166	582	552
Pocatello, ID	363	11	203	577	940
Port St. Lucie, FL	2,433	779	571	3,783	1,031
Portland-South Portland, ME	1,234	663	654	2,551	600
Portland-Vancouver-Hillsboro, OR-WA	7,869	3,368	2,690	13,927	749
Prescott, AZ	543	663	376	1,582	858
Providence-Warwick, RI-MA	4,863	1,673	1,354	7,890	614
Provo-Orem, UT	2,193	1,863	890	4,946	1,292
Pueblo, CO	681	917	218	1,816	1,444
Punta Gorda, FL	*	21	129	150	99
Racine, WI	*	*	16	16	11
Raleigh, NC	3,153	2,261	922	6,336	662
Rapid City, SD	284	29	183	496	446

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
Reading, PA	720	126	384	1,230	383
Redding, CA	538	134	246	918	649
Reno, NV	1,387	1,150	716	3,253	926
Richmond, VA	2,458	777	1,397	4,632	467
Riverside-San Bernardino-Ontario, CA	9,180	5,615	6,800	21,595	654
Roanoke, VA	1,215	217	501	1,933	783
Rochester, MN	875	177	376	1,428	886
Rochester, NY	3,517	451	821	4,789	561
Rockford, IL	1,420	643	382	2,445	948
Rocky Mount, NC	630	365	133	1,128	988
Rome, GA	1,009	1,021	605	2,635	3,565
Sacramento--Roseville--Arden-Arcade, CA	7,205	3,756	5,472	16,433	942
Saginaw, MI	*	61	261	322	212
Salem, OR	1,508	274	388	2,170	703
Salinas, CA	1,081	394	726	2,201	688
Salisbury, MD-DE	359	81	171	611	193
Salt Lake City, UT	4,634	895	1,370	6,899	825
San Angelo, TX	*	90	36	126	137
San Antonio-New Braunfels, TX	7,326	2,503	4,074	13,903	786
San Diego-Carlsbad, CA	11,309	4,312	7,533	23,154	901
San Francisco-Oakland-Hayward, CA	9,327	5,635	6,089	21,051	567
San Jose-Sunnyvale-Santa Clara, CA	4,926	1,921	1,725	8,572	562
San Luis Obispo-Paso Robles-Arroyo Grande, CA	786	292	423	1,501	651
Santa Cruz-Watsonville, CA	1,000	254	156	1,410	641
Santa Fe, NM	421	139	347	907	755
Santa Maria-Santa Barbara, CA	2,303	295	1,899	4,497	1,301
Santa Rosa, CA	1,557	2,288	367	4,212	1,052
Savannah, GA	1,189	1,395	712	3,296	1,133
Scranton--Wilkes-Barre--Hazleton, PA	1,662	263	592	2,517	562
Seattle-Tacoma-Bellevue, WA	15,471	8,755	5,357	29,583	1,015
Sebastian-Vero Beach, FL	*	190	11	201	164
Sebring, FL	428	128	131	687	840
Sherman-Denison, TX	516	107	233	856	895
Shreveport-Bossier City, LA	1,102	1,794	1,492	4,388	1,310
Sierra Vista-Douglas, AZ	1,420	337	338	2,095	2,108
Sioux City, IA-NE-SD	625	913	460	1,998	1,632
Sioux Falls, SD	750	198	219	1,167	624
South Bend-Mishawaka, IN-MI	551	18	550	1,119	457
Spartanburg, SC	841	179	286	1,306	524
Spokane-Spokane Valley, WA	2,313	450	1,040	3,803	896
Springfield, IL	932	1,170	321	2,423	1,487
Springfield, MA	1,923	736	494	3,153	628
Springfield, MO	2,525	372	1,432	4,329	1,229
Springfield, OH	412	733	104	1,249	1,192
St. Cloud, MN	2,046	386	805	3,237	2,168
St. George, UT	1,055	747	199	2,001	1,779
St. Joseph, MO-KS	417	257	319	993	1,000
St. Louis, MO-IL	8,612	3,520	3,703	15,835	727

Metro	Number of Students Receiving Degree or Certificate				Students with Associate Degree/ Certificate per 100,000 Population Age 18+
	Associate Degree	Certificate <1-Year	Certificate Between 1 & 4-Years	Total Associate Degree or Certificate	
State College, PA	377	377	152	906	664
Staunton-Waynesboro, VA	605	245	254	1,104	1,149
Stockton-Lodi, CA	1,729	162	934	2,825	537
Sumter, SC	443	233	75	751	922
Syracuse, NY	2,333	984	400	3,717	717
Tallahassee, FL	2,884	599	723	4,206	1,377
Tampa-St. Petersburg-Clearwater, FL	14,267	9,282	3,661	27,210	1,149
Terre Haute, IN	*	30	41	71	52
Texarkana, TX-AR	380	40	361	781	683
The Villages, FL	*	*	66	66	60
Toledo, OH	2,011	505	873	3,389	724
Topeka, KS	238	653	429	1,320	744
Trenton, NJ	1,418	60	381	1,859	639
Tucson, AZ	2,842	2,042	3,107	7,991	1,010
Tulsa, OK	3,787	1,981	2,678	8,446	1,150
Tuscaloosa, AL	410	58	133	601	315
Tyler, TX	1,436	332	566	2,334	1,392
Urban Honolulu, HI	3,210	51	1,105	4,366	557
Utica-Rome, NY	1,777	45	341	2,163	932
Valdosta, GA	199	1,162	495	1,856	1,747
Vallejo-Fairfield, CA	734	212	561	1,507	448
Victoria, TX	431	101	191	723	973
Vineland-Bridgeton, NJ	557	6	160	723	606
Virginia Beach-Norfolk-Newport News, VA-NC	6,930	1,907	3,319	12,156	907
Visalia-Porterville, CA	3,260	1,205	1,205	5,670	1,795
Waco, TX	2,523	131	1,569	4,223	2,129
Walla Walla, WA	700	615	469	1,784	3,516
Warner Robins, GA	390	2,573	622	3,585	2,533
Washington-Arlington-Alexandria, DC-VA-MD-WV	16,301	3,591	5,693	25,585	546
Waterloo-Cedar Falls, IA	954	236	384	1,574	1,180
Watertown-Fort Drum, NY	666	*	87	753	852
Wausau, WI	557	1,122	361	2,040	1,952
Weirton-Steubenville, WV-OH	331	18	195	544	555
Wenatchee, WA	685	342	192	1,219	1,397
Wheeling, WV-OH	590	29	201	820	705
Wichita Falls, TX	38	*	*	38	32
Wichita, KS	1,732	669	1,458	3,859	811
Williamsport, PA	772	7	100	879	954
Wilmington, NC	1,818	470	341	2,629	1,181
Winchester, VA-WV	633	103	561	1,297	1,251
Winston-Salem, NC	1,619	1,336	547	3,502	688
Worcester, MA-CT	2,028	582	717	3,327	454
Yakima, WA	766	835	458	2,059	1,179
York-Hanover, PA	582	685	249	1,516	441
Youngstown-Warren-Boardman, OH-PA	815	536	668	2,019	462
Yuba City, CA	612	134	167	913	731
Yuma, AZ	774	740	654	2,168	1,430

* Data not reported or is insufficient.

Source: National Center for Educational Statistics, U.S. Census Bureau ACS Population 18 Years and up, Garner Economics

About Garner Economics: We are data driven strategists helping companies, communities and organizations, large and small, urban and rural, achieve success.

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