Annual Employment Percent by Industry

The table below shows how jobs are distributed throughout the county by industry. The higher the percentage, the more workers there are in the industry. Multiple years are shown to demonstrate how employment in the industries may have shifted over time. However, percent change across years does not necessarily indicate growth or decline in employment by industry.

◯ Adams	◯ Adams
◯ Allen	◯ Allen
◯ Ashland	◯ Ashland
◯ Ashtabula	◯ Ashtabula
◯ Athens	◯ Athens
◯ Auglaize	◯ Auglaize
◯ Belmont	◯ Belmont
◯ Brown	◯ Brown
◯ Butler	◯ Butler
◯ Carroll	◯ Carroll
◯ Champaign	◯ Champaign

Lake

Industry label	2012	2021	2022
Manufacturing	21.87%	22.42%	22.80%
Health Care and Social Assistance	13.18%	12.41%	11.83%
Retail Trade	12.57%	11.88%	11.63%
Accommodation and Food Services	9.06%	9.78%	10.09%
Educational Services	9.03%	7.52%	7.43%
Administrative and Support Services	5.88%	5.92%	6.29%
Construction	4.13%	4.72%	4.76%
Wholesale Trade	4.28%	4.48%	4.49%
Public Administration	3.95%	3.90%	4.00%
Professional, Scientific, and Techni..	3.06%	3.89%	3.97%
Other Services (except Public Adm..	3.26%	2.95%	2.99%
Management of Companies	1.20%	1.68%	1.66%
Arts, Entertainment, and Recreation	1.48%	1.33%	1.46%
Information	1.10%	1.57%	1.43%
Finance and Insurance	1.49%	1.36%	1.18%
Transporation and Warehousing	1.09%	1.25%	1.18%
Utilities	1.44%	0.97%	0.92%
Real Estate and Rental and Leasing	0.81%	0.88%	0.88%
Agriculture, Forestry, Fishing, and ..	0.91%	0.90%	0.87%
Mining, Quarrying, and Oil and Gas..	0.21%	0.18%	0.14%

Ohio

Industry label	2012	2021	2022
Health Care and Social Assistance	16.08%	16.49%	15.86%
Manufacturing	13.42%	12.87%	12.88%
Retail Trade	11.32%	10.29%	10.16%
Accommodation and Food Services	8.41%	8.16%	8.59%
Educational Services	8.93%	8.52%	8.17%
Administrative and Support Services	6.18%	6.19%	6.27%
Professional, Scientific, and Technic..	4.95%	5.29%	5.39%
Transporation and Warehousing	3.56%	4.98%	5.10%
Construction	3.79%	4.47%	4.54%
Wholesale Trade	4.46%	4.39%	4.44%
Finance and Insurance	4.09%	4.31%	4.40%
Public Administration	3.31%	3.08%	3.01%
Other Services (except Public Admin..	3.05%	2.81%	2.89%
Management of Companies	2.79%	2.77%	2.74%
Arts, Entertainment, and Recreation	1.58%	1.62%	1.77%
Information	1.81%	1.51%	1.57%
Real Estate and Rental and Leasing	1.15%	1.20%	1.22%
Utilities	0.60%	0.56%	0.52%
Agriculture, Forestry, Fishing, and H..	0.28%	0.33%	0.34%
Mining, Quarrying, and Oil and Gas ..	0.25%	0.16%	0.16%

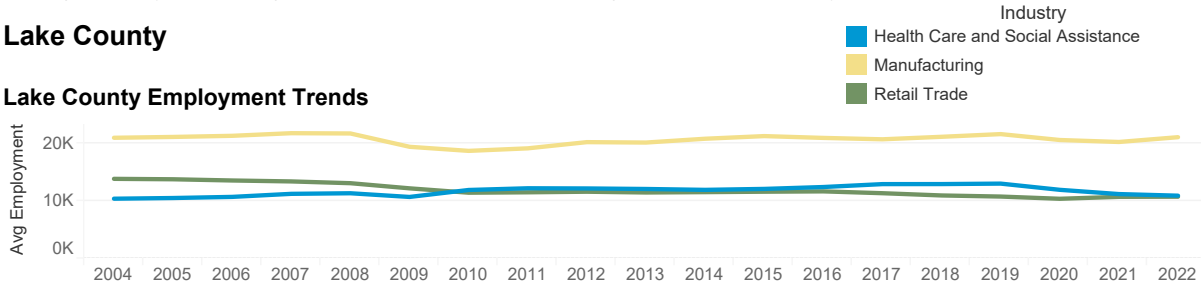Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

*Data non-disclosable as it does not meet U.S. Census Bureau publication standards. Columns may not sum to 100 percent due to both U.S. Census Bureau methodology and the effects of rounding. The difference between summed percentages (<100%) and 100 is not the employment share of the non-disclosed industry.
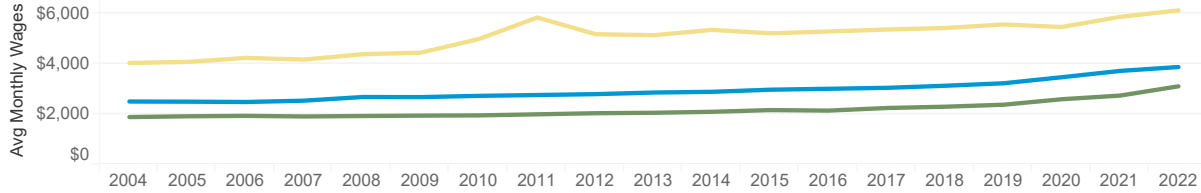
Employment and Monthly Wage Trends

The graphs below provide information on the top three industry sectors in 2022 identified in the Employment Percent by Industry visualization. Detailed information includes annual employment and monthly wage trends for the three sectors based on beginning of the quarter employment and wages. Employment and wage trends show fluctuations and indicate growth or decline over the years.

Lake County

Industry
- Health Care and Social Assistance
- Manufacturing
- Retail Trade

Lake County Employment Trends

Lake County Wage Trends

County selector (radio buttons): Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia
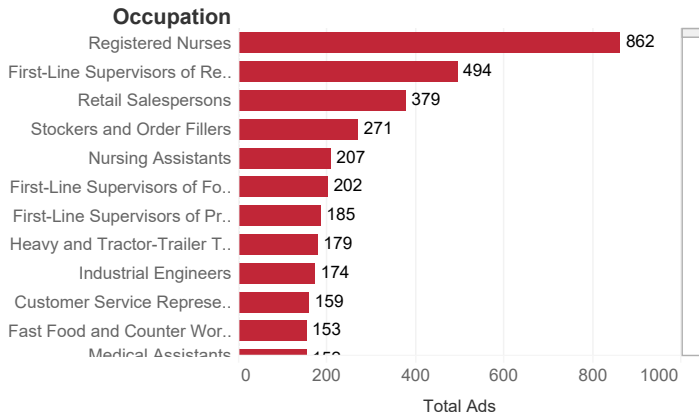
Percent of Employment in Firms

The following three graphs compare the percentage of employment in firm size between the county and Ohio. Tables comparing firms with 0-49 employees (small firms), 50-499 employees (medium firms), and, 500+ employees (large firms) are shown. When a large firm dominates an area, downturns in that industry will have a greater impact on a county than when employment is dispersed among many small or mid-size firms.
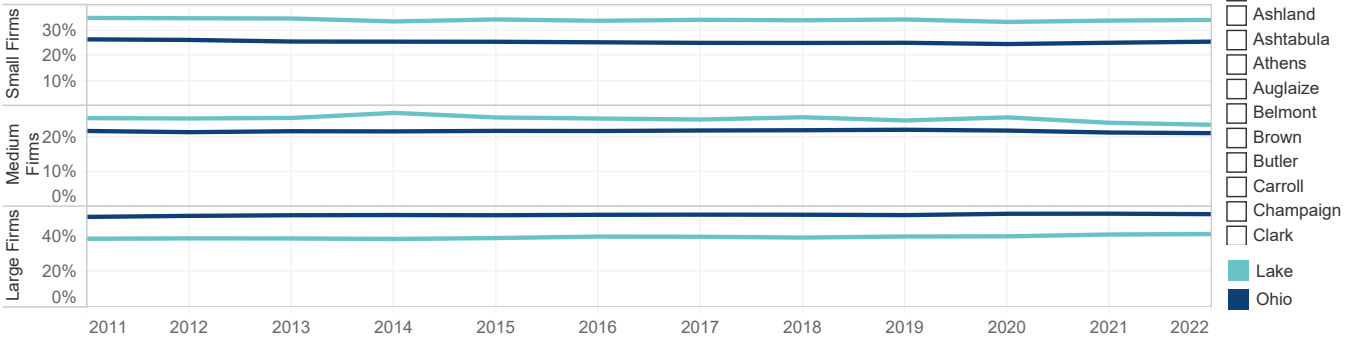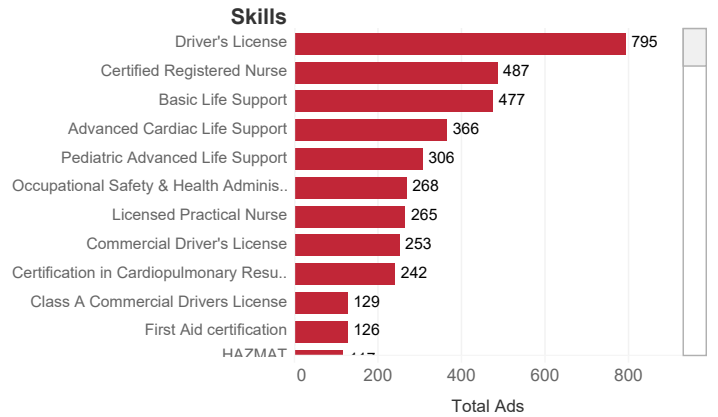

Firm Size (checkboxes): Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark

- Lake
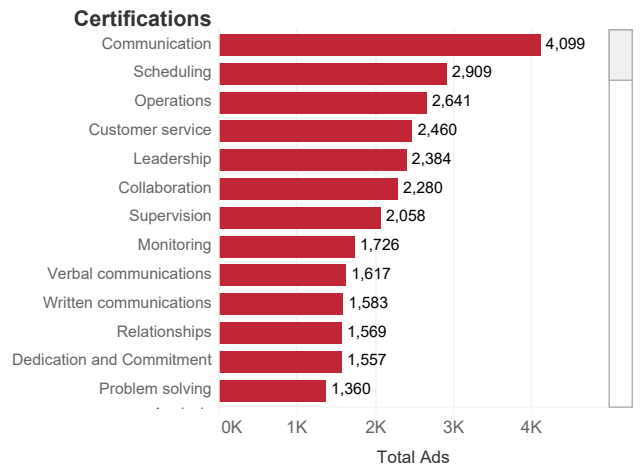- Ohio

Top Occupations with the Most Area Online Job Ads

Occupation

Occupation	Total Ads
Registered Nurses	862
First-Line Supervisors of Re..	494
Retail Salespersons	379
Stockers and Order Fillers	271
Nursing Assistants	207
First-Line Supervisors of Fo..	202
First-Line Supervisors of Pr..	185
Heavy and Tractor-Trailer T..	179
Industrial Engineers	174
Customer Service Represe..	159
Fast Food and Counter Wor..	153
Medical Assistants	152

Top Skills for Online Job Ads

Skills

Skills	Total Ads
Driver's License	795
Certified Registered Nurse	487
Basic Life Support	477
Advanced Cardiac Life Support	366
Pediatric Advanced Life Support	306
Occupational Safety & Health Adminis..	268
Licensed Practical Nurse	265
Commercial Driver's License	253
Certification in Cardiopulmonary Resu..	242
Class A Commercial Drivers License	129
First Aid certification	126
HAZMAT	117

Top Employers with the Most Area Online Job Ads

Employer

Employer	Total Ads
University Hospitals	11,496
Promedica	7,009
TriHealth	6,776
The Dollar General	5,970
THRASHER GROUP INC.	4,954
CHILDREN'S HOSPITAL MEDICAL C..	4,641
OHIO State University	4,341
University of Cincinnati	4,063
Deloitte	3,959
Nationwide Children's Hospital	3,732
Walmart	3,689
Aultman Health Foundation	3,652
Internal Revenue Service	3,310

Top Certifications for Online Job Ads

Certifications

Certifications	Total Ads
Communication	4,099
Scheduling	2,909
Operations	2,641
Customer service	2,460
Leadership	2,384
Collaboration	2,280
Supervision	2,058
Monitoring	1,726
Verbal communications	1,617
Written communications	1,583
Relationships	1,569
Dedication and Commitment	1,557
Problem solving	1,360

Industry Turnover Rates

The table below looks at industry turnover rates for Ohio and by county. Turnover rates are calculated from stable employment (employment that lasted one calendar quarter with the same employer) and are an indicator of job churn. Industries with high churn will have more openings to replace workers than industries with low churn. It should be noted that this calculation does not include short-term employment that lasts less than a full quarter.

Area / Year / Quarter

Industry	Lake 2022				Ohio 2022			
	1	2	3	4	1	2	3	4
Accommodation and Food Services	16.7%	17.3%	17.2%	15.6%	17.8%	17.0%	17.9%	16.5%
Administrative and Support Services	25.3%	23.1%	29.0%	23.2%	19.2%	17.8%	19.9%	17.6%
Agriculture, Forestry, Fishing and Hunting	8.1%	9.5%	16.6%	5.2%	9.0%	10.0%	15.1%	8.5%
Arts, Entertainment, and Recreation	11.6%	9.6%	26.8%	8.0%	11.7%	11.3%	24.4%	10.6%
Construction	7.8%	8.4%	14.9%	8.7%	8.2%	8.7%	13.8%	8.8%
Educational Services	6.1%	5.0%	3.3%	5.7%	11.0%	5.7%	3.7%	6.5%
Finance and Insurance	5.9%	6.1%	6.3%	5.6%	5.9%	5.2%	5.7%	5.6%
Health Care and Social Assistance	9.5%	8.9%	10.6%	9.4%	8.8%	8.6%	8.6%	8.8%
Information	8.0%	6.9%	8.1%	7.4%	7.8%	8.2%	7.8%	7.7%
Management of Companies and Enterprises	4.7%	4.1%	4.4%	4.2%	6.4%	6.3%	6.2%	5.9%
Manufacturing	6.4%	5.8%	6.4%	6.2%	6.9%	6.7%	6.5%	6.6%
Mining, Quarrying, and Oil and Gas Extraction	3.5%	4.4%	7.5%	4.4%	7.7%	8.1%	8.9%	8.2%
Other Services (except Public Administration)	9.1%	7.6%	8.3%	7.8%	9.9%	9.6%	10.1%	9.4%
Professional, Scientific, and Technical Services	8.7%	8.1%	9.7%	7.5%	8.5%	7.8%	8.3%	7.4%
Public Administration	5.1%	4.3%	14.0%	4.0%	4.8%	4.4%	6.2%	4.7%
Real Estate and Rental and Leasing	7.0%	7.9%	9.6%	7.2%	8.9%	9.0%	10.7%	8.9%
Retail Trade	12.6%	10.5%	10.5%	10.8%	12.7%	10.6%	10.5%	11.1%
Transportation and Warehousing	11.5%	12.5%	13.2%	10.0%	12.6%	10.2%	10.0%	10.6%
Utilities	2.5%	3.0%	1.8%	3.2%	3.9%	3.8%	3.9%	3.7%
Wholesale Trade	7.4%	6.8%	7.6%	6.4%	7.3%	6.9%	7.1%	6.9%
All NAICS	9.7%	8.9%	10.7%	8.9%	10.1%	9.1%	9.7%	9.2%

Source: U.S. Census Bureau, Quarterly Workforce Indicators, All ownerships, except federal government.
*Data non-disclosable as it does not meet U.S. Census Bureau publication standards.

High School Enrollment

The table below shows annual enrollment trends for high school seniors for public, private and charter schools by fiscal year. For example, Fiscal Year 2018 represents the school year 2018-2019. Enrollment is the count of students in October of the school year. School enrollment is important as it has implications for the workforce as well as the county's capacity to accommodate its students. Enrollment changes can be affected by boundary changes or redistricting. Also presented in the table is information regarding the number of OhioMeansJobs.com K-12 accounts that migrated to regular OMJ accounts.

Lake County

Number of High School Seniors (12th Graders*)

Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
2014	2,368	294	0	2,662	
2015	2,273	302	0	2,575	145
2016	2,225	263	0	2,488	427
2017	2,108	276	0	2,384	616
2018	2,266	292	0	2,558	1,674
2019	2,296	261	0	2,557	2,031
2020	2,124	228	0	2,352	1,704
2021	2,772	205		2,977	847
2022	2,826	205		3,031	847
2023	2,772	227		2,999	1,011

*Source: Ohio Department of Education. All data that represents <10 students is masked to ensure student privacy.
**Does not include <10 estimate. If between 1 and 10 students, the field will be blank.
***Source: Monster Government Solutions.

Local Area Talent Report

The tables and graphs below show the education levels and predominant skills of the county's workforce, as reported on resumes posted in OhioMeansJobs.com.

Year
- ○ 2020
- ○ 2021
- ○ 2022
- ● 2023

County
Lake

Resume Snapshot

The number of resumes posted in OhioMeansJobs.com by county residents is shown below, including the number posted by veterans, restored citizens, and individuals with disabilities. The number of restored citizen resumes represents resumes posted by individuals who were incarcerated in Ohio Department of Rehabilitation and Correction facilities and had 2023 release dates.
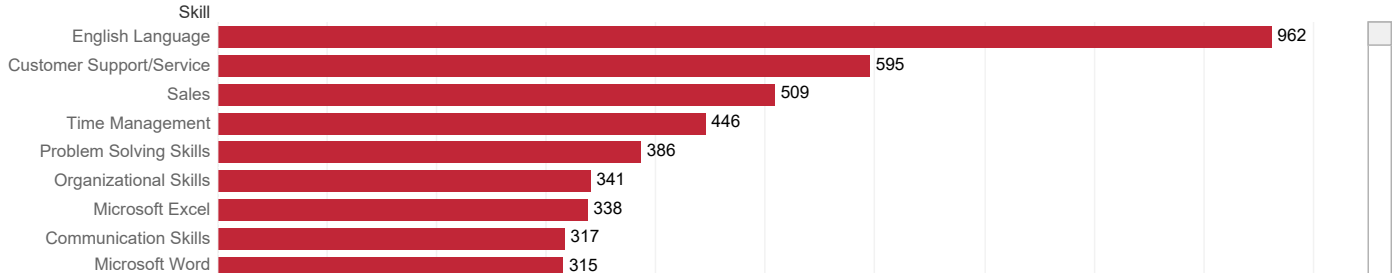
Lake			
Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes	Total Individuals with a Disability Resumes
10,041	313	125	1

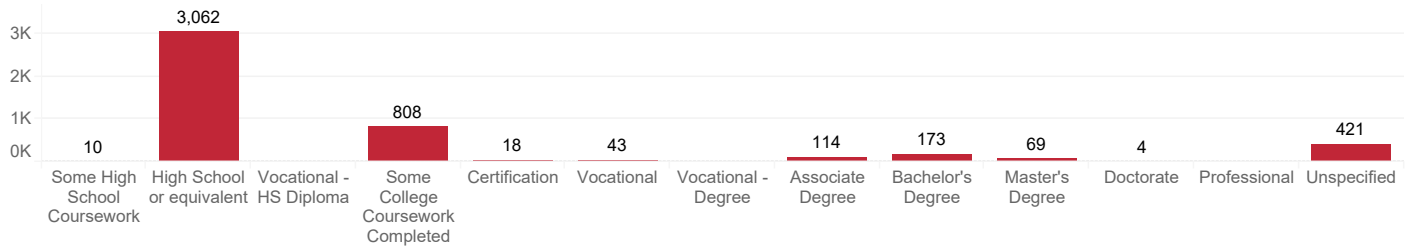Source: Monster.com and Monster Government Solutions.
*County was determined based on home/returning address provided by incarcerated individuals.

Number of Resumes with Top 45 Workforce Skills

Source: Monster Government Solutions, April 2021.

Education Level

Source: Monster Government Solutions, April 2022. See "Quick Guide to Understanding the County Economic Health Reports" for description of educational categories.

Year
○ 2019
○ 2020
○ 2021
◉ 2022

County
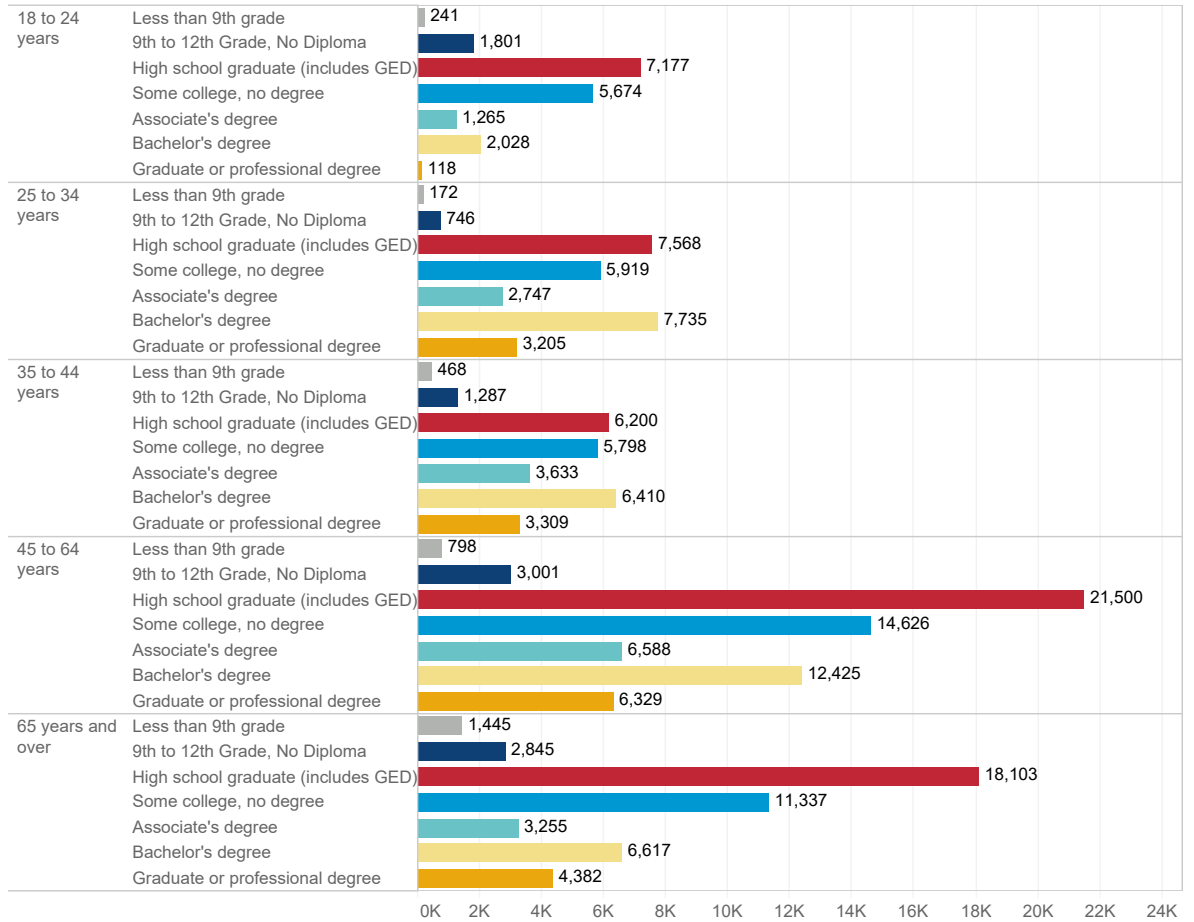Lake

Highlight Education Level
No items highlighted

Educational Attainment by Age Group
The bar charts below show the distribution of educational attainment by age group for county residents. Educational attainment refers to the highest level of education completed.

Lake

18 to 24 years		
Less than 9th grade		241
9th to 12th Grade, No Diploma		1,801
High school graduate (includes GED)		7,177
Some college, no degree		5,674
Associate's degree		1,265
Bachelor's degree		2,028
Graduate or professional degree		118

25 to 34 years		
Less than 9th grade		172
9th to 12th Grade, No Diploma		746
High school graduate (includes GED)		7,568
Some college, no degree		5,919
Associate's degree		2,747
Bachelor's degree		7,735
Graduate or professional degree		3,205

35 to 44 years		
Less than 9th grade		468
9th to 12th Grade, No Diploma		1,287
High school graduate (includes GED)		6,200
Some college, no degree		5,798
Associate's degree		3,633
Bachelor's degree		6,410
Graduate or professional degree		3,309

45 to 64 years		
Less than 9th grade		798
9th to 12th Grade, No Diploma		3,001
High school graduate (includes GED)		21,500
Some college, no degree		14,626
Associate's degree		6,588
Bachelor's degree		12,425
Graduate or professional degree		6,329

65 years and over		
Less than 9th grade		1,445
9th to 12th Grade, No Diploma		2,845
High school graduate (includes GED)		18,103
Some college, no degree		11,337
Associate's degree		3,255
Bachelor's degree		6,617
Graduate or professional degree		4,382

0K 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K 24K

Source: American Community Survey, 5-year estimates, 2018-2021.

Veteran Employment

The bar charts below show the number of veterans and nonveterans in the county who are members of the labor force (which means they are working or looking for work), the labor force participation rate for both veterans and nonveterans, and the unemployment rate for both veterans and nonveterans. Veterans include anyone who has ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard.

County Veteran and Nonveteran Employment Estimates

Lake County

Type
Nonveterans — 110,380
Veterans — 4,808

Labor Force Participation
(axis: 0K, 10K, 20K, 30K, 40K, 50K, 60K, 70K, 80K, 90K, 100K, 110K, 120K)

Type
Nonveterans — 83.3%
Veterans — 78.5%

Labor Force Participation Rate
(axis: 0.0%, 10.0%, 20.0%, 30.0%, 40.0%, 50.0%, 60.0%, 70.0%, 80.0%, 90.0%)

Type
Nonveterans — 4.1%
Veterans — 4.5%

Unemployment Rate
(axis: 0.0%, 0.5%, 1.0%, 1.5%, 2.0%, 2.5%, 3.0%, 3.5%, 4.0%, 4.5%)
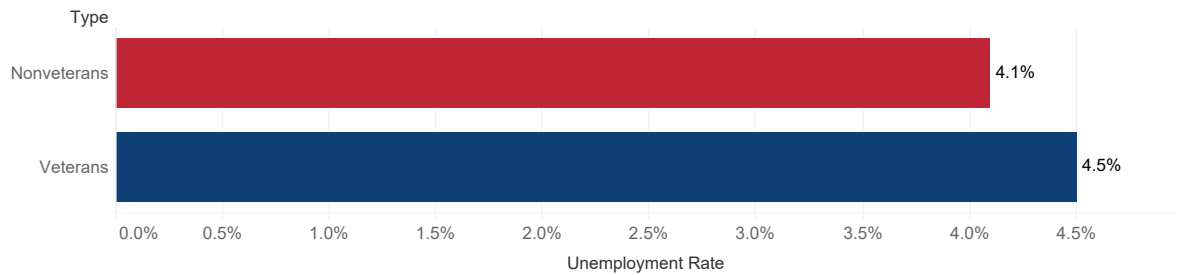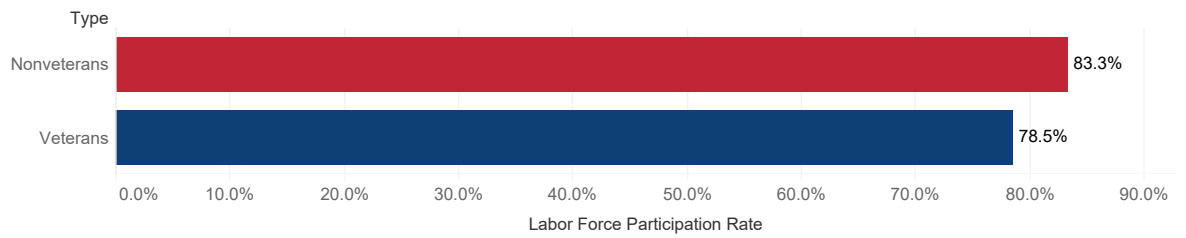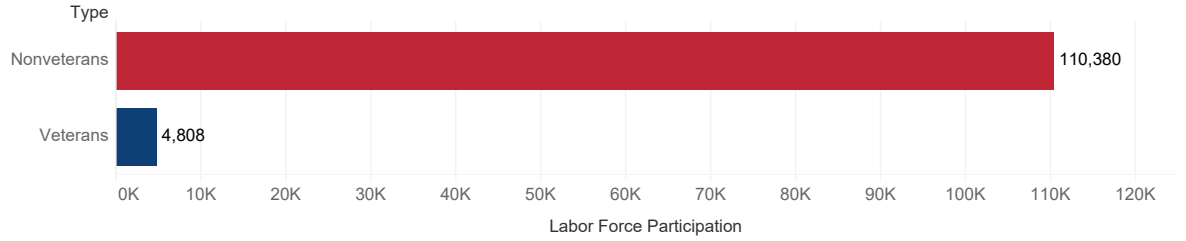
Civilian Labor Force

The bar chart below show the county's civilian labor force. This includes everyone 16 and older who is working or looking for work. It does not include military personnel, individuals in institutions, those studying or keeping house full-time, retirees, or volunteer workers.

County

- ○ Adams
- ○ Allen
- ○ Ashland
- ○ Ashtabula
- ○ Athens
- ○ Auglaize
- ○ Belmont
- ○ Brown
- ○ Butler
- ○ Carroll
- ○ Champaign
- ○ Clark
- ○ Clermont
- ○ Clinton
- ○ Columbiana
- ○ Coshocton
- ○ Crawford
- ○ Cuyahoga
- ○ Darke
- ○ Defiance
- ○ Delaware
- ○ Erie
- ○ Fairfield
- ○ Fayette
- ○ Franklin
- ○ Fulton
- ○ Gallia
- ○ Geauga
- ○ Greene
- ○ Guernsey
- ○ Hamilton
- ○ Hancock
- ○ Hardin
- ○ Harrison
- ○ Henry
- ○ Highland
- ○ Hocking
- ○ Holmes
- ○ Huron
- ○ Jackson
- ○ Jefferson

Civilian Labor Force and Number Employed

■ Labor Force   ■ Employment

Lake County

Year	Labor Force	Employment
2011	127,021	118,337
2012	125,033	117,536
2013	124,869	116,992
2014	124,386	117,488
2015	123,551	117,946
2016	124,566	118,449
2017	126,176	119,786
2018	126,716	121,198
2019	127,950	123,124
2020	120,876	110,740
2021	122,600	116,400
2022	124,600	119,300
2023	126,000	121,800

Source: U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics.
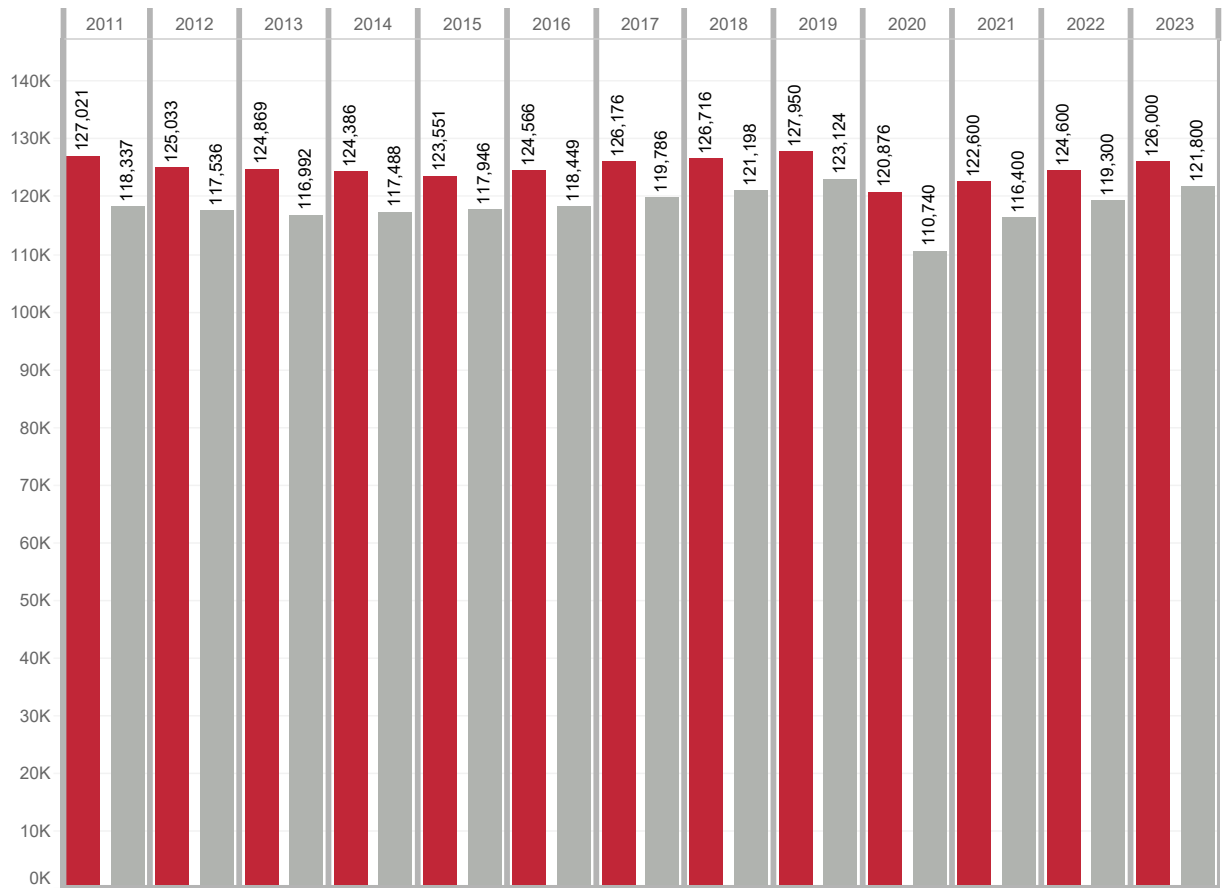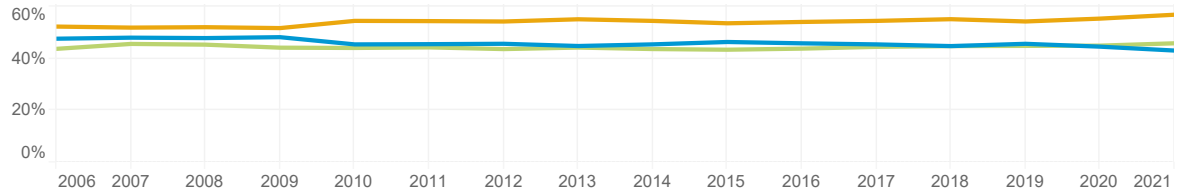
County
- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- Butler
- Carroll
- Champaign
- Clark
- Clermont
- Clinton
- Columbiana
- Coshocton
- Crawford
- Cuyahoga
- Darke
- Defiance
- Delaware
- Erie
- Fairfield
- Fayette
- Franklin
- Fulton
- Gallia
- Geauga
- Greene
- Guernsey
- Hamilton
- Hancock
- Hardin
- Harrison
- Henry
- Highland
- Hocking
- Holmes
- Huron
- Jackson
- Jefferson
- Knox
- ● Lake
- Lawrence
- Licking
- Logan
- Lorain
- Lucas
- Madison
- Mahoning
- Marion
- Medina
- Meigs
- Mercer
- Miami

Commuting Patterns

The tables below show the commuting patterns of workers who either live in or work in the county.

Legend:
- Live in, work in
- Live in, work out
- Work in, live out

Commuting Trends - Lake County

Commuting Patterns - Lake County, 2010 – 2020

Year	# Of Workers Who Live And Are Employed Here	# Of Workers Who Live Here, But Work In Another County	# Of Workers Who Work Here, But Live In Another County
2016	53,695	63,330	41,925
2017	53,013	63,561	42,551
2018	53,234	65,529	43,227
2019	54,383	64,659	44,326
2020	50,339	62,485	41,265
2021	48,763	64,315	41,376

Commuting Trends for Out-Commuters – Live in County, but Work in Another County

Top Work Counties for Out-Commuters	Year 2020	Year 2021
Cuyahoga County, OH	41,341	42,788
Geauga County, OH	4,346	4,213
Summit County, OH	3,228	3,273
Ashtabula County, OH	1,944	1,944
Franklin County, OH	1,571	1,696
Stark County, OH	783	875
Lorain County, OH	770	813
Portage County, OH	718	747
Mahoning County, OH	658	654
Trumbull County, OH	582	583

Commuting Trends for In-Commuters – Work in County, but Live in Another County

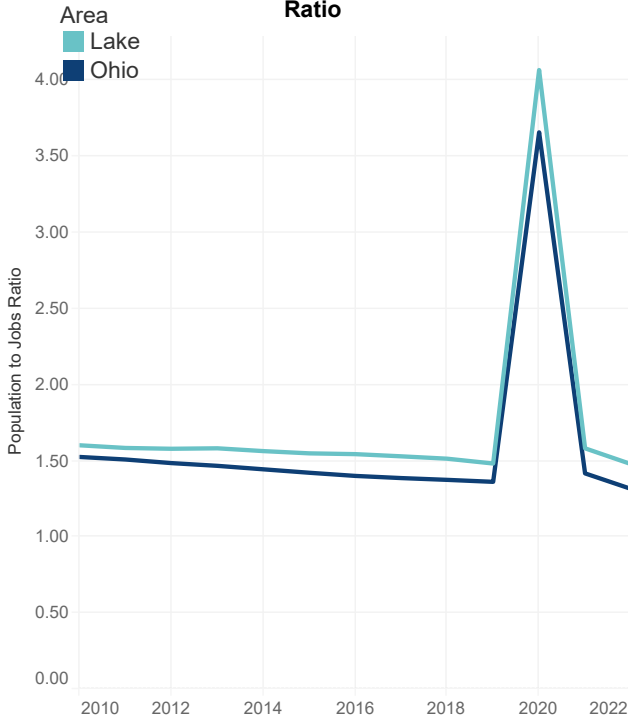| Top Home Counties for In-Commuters	Year 2020	Year 2021
Cuyahoga County, OH	17,151	16,427
Geauga County, OH	5,629	5,443
Ashtabula County, OH	4,649	4,856
Summit County, OH	2,396	2,418
Lorain County, OH	1,323	1,507
Portage County, OH	888	894
Franklin County, OH	705	805
Medina County, OH	716	786
Stark County, OH	845	784
Mahoning County, OH	701	780

Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2nd quarter only.

Population-to-Jobs Ratio

The graph and map below show the county's working-age population-to-jobs ratio. The working-age population includes everyone ages 18 to 64. Higher population-to-jobs ratios indicate there are more working-age adults than jobs, which could lead workers to commute to other counties for work. Lower ratios could indicate that the county tends to attract commuters.

Area
☐ Adams
☐ Allen
☐ Ashland
☐ Ashtabula
☐ Athens
☐ Auglaize
☐ Belmont

Ohio County Population* (18-64-year-old) to Jobs** Ratio Map - 2022

Ohio and County Population (18-64-year-old)* to Jobs** Ratio

Area
— Lake
— Ohio

© 2024 Mapbox © OpenStreetMap
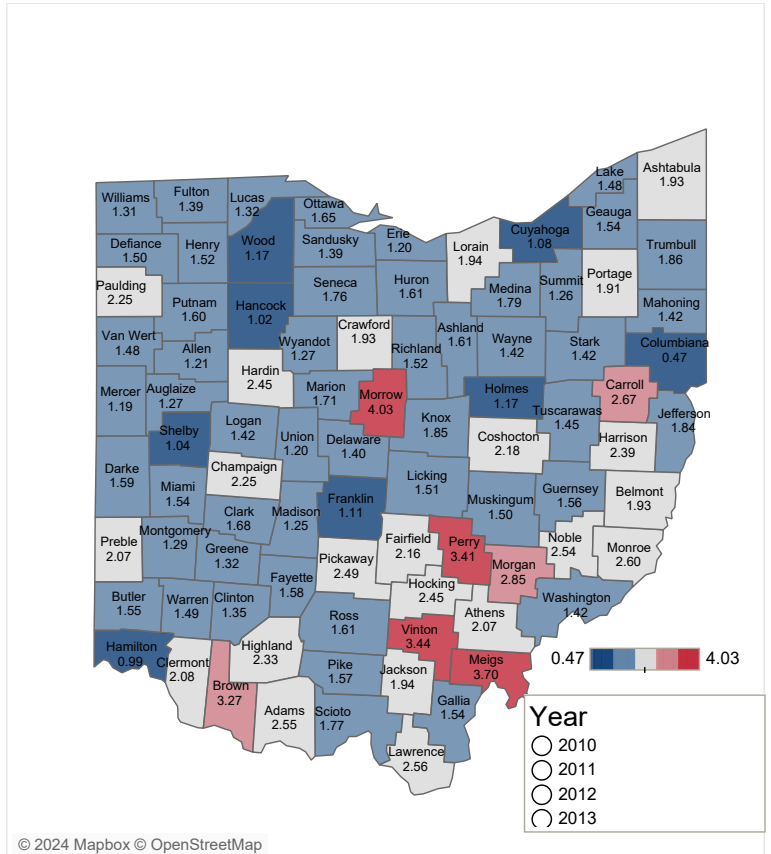
*Source: U.S. Census Bureau.
**Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages.
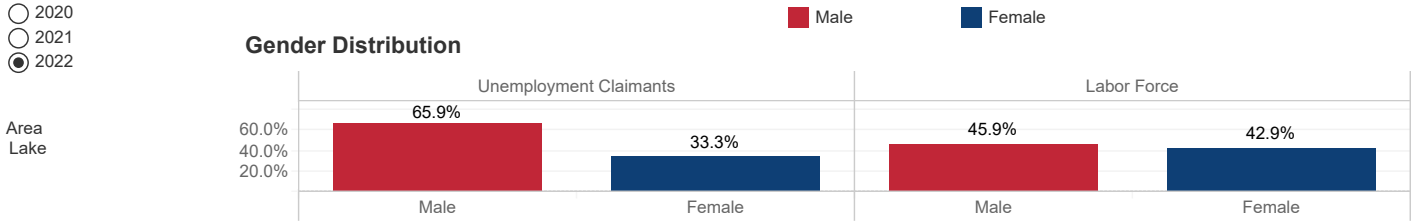
Unemployment Claimant and Labor Force Demographics

The bar charts below show demographic data for two groups of county residents: (1) members of the labor force (which means they are working or seeking work) and (2) individuals who filed unemployment claims. Comparing this information can be useful for planning intervention and training programs.
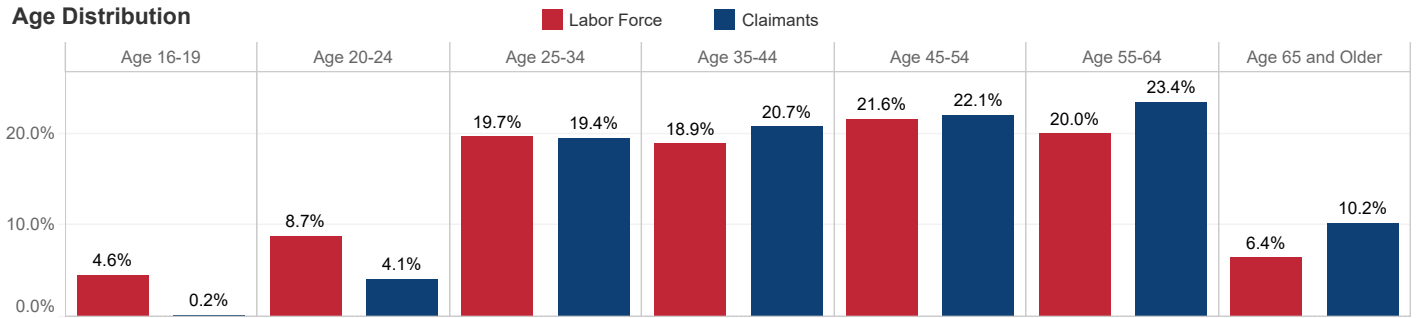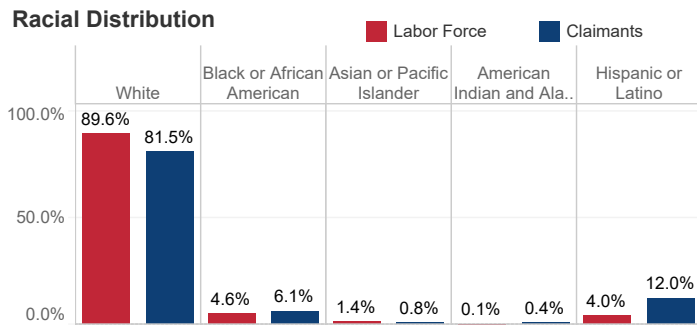
Year
○ 2019
○ 2020
○ 2021
◉ 2022

Area
Lake

Lake County

■ Male ■ Female

Gender Distribution

	Unemployment Claimants		Labor Force	
	Male	Female	Male	Female
	65.9%	33.3%	45.9%	42.9%

60.0%
40.0%
20.0%

Source: Ohio Bureau of Labor Market Information

Age Distribution

■ Labor Force ■ Claimants

Age 16-19	Age 20-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65 and Older
4.6% / 0.2%	8.7% / 4.1%	19.7% / 19.4%	18.9% / 20.7%	21.6% / 22.1%	20.0% / 23.4%	6.4% / 10.2%

20.0%
10.0%
0.0%

Source: Ohio Bureau of Labor Market Information.

Racial Distribution

■ Labor Force ■ Claimants

White	Black or African American	Asian or Pacific Islander	American Indian and Ala..	Hispanic or Latino
89.6% / 81.5%	4.6% / 6.1%	1.4% / 0.8%	0.1% / 0.4%	4.0% / 12.0%

100.0%
50.0%
0.0%

Source: Ohio Bureau of Labor Market Information.

Unemployment Claims by Industry

Industry	UI Claims
Construction	2,463
Administrative and Support ..	1,589
Manufacturing	1,159
Health Care and Social Ass..	742
Professional, Scientific and ..	505

0   500   1000   1500   2000   2500
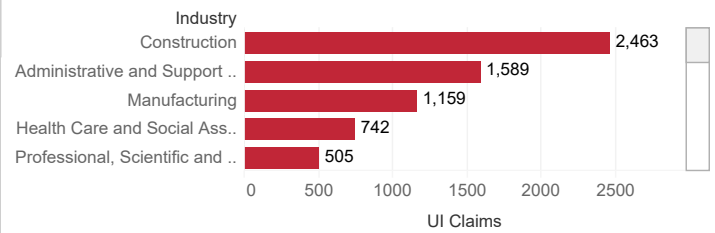
UI Claims

Source: Ohio Bureau of Labor Market Information.
*Unclassified/Not Coded industries coded as NAICS '999999' or claims with an unspecified employer.