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
- ○ Allen
- ○ Ashland
- ○ Ashtabula
- ○ Athens
- ○ Auglaize
- ○ Belmont
- ○ Brown
- ○ Butler
- ● Carroll
- ○ Champaign

- ○ Adams
- ○ Allen
- ○ Ashland
- ○ Ashtabula
- ○ Athens
- ○ Auglaize
- ○ Belmont
- ○ Brown
- ○ Butler
- ○ Carroll
- ○ Champaign

Carroll			
Industry label	2012	2021	2022
Health Care and Social Assistance	15.98%	16.86%	17.29%
Manufacturing	20.53%	17.28%	15.77%
Retail Trade	13.52%	13.06%	12.55%
Construction	6.77%	8.62%	9.47%
Educational Services	7.89%	7.85%	8.18%
Accommodation and Food Services	8.97%	8.22%	8.08%
Transporation and Warehousing	3.74%	8.17%	7.31%
Administrative and Support Services	1.94%	2.78%	3.99%
Public Administration	3.24%	3.77%	3.80%
Other Services (except Public Adm..	4.39%	3.02%	3.10%
Professional, Scientific, and Techni..	1.94%	2.69%	2.97%
Wholesale Trade	2.83%	2.22%	1.96%
Arts, Entertainment, and Recreation	1.66%	1.55%	1.51%
Mining, Quarrying, and Oil and Gas..	2.35%	1.27%	1.19%
Real Estate and Rental and Leasing	1.38%	0.95%	0.92%
Information	0.91%	0.80%	0.84%
Finance and Insurance	0.86%	0.76%	0.84%
Agriculture, Forestry, Fishing, and ..	0.36%	0.13%	0.22%
Utilities	0.73%	0.00%	0.00%
Management of Companies		0.00%	0.00%

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.

Carroll County

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

Carroll County Employment Trends
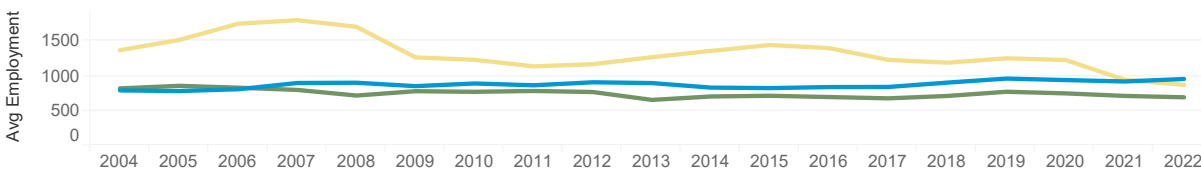

Carroll County Wage Trends
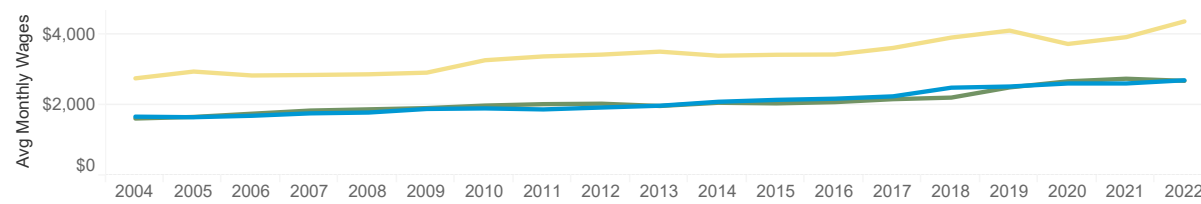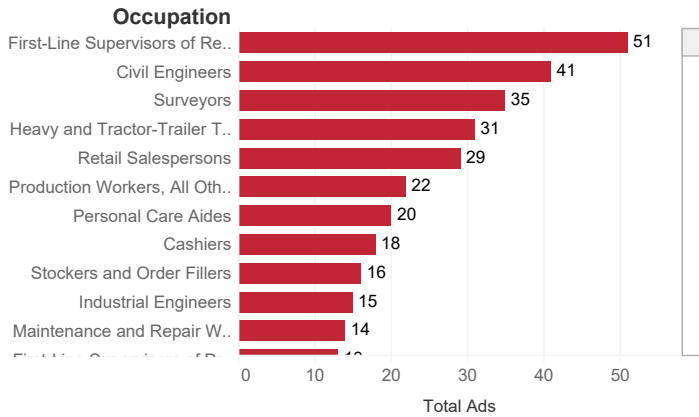

Percent of Employment in Firms

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.
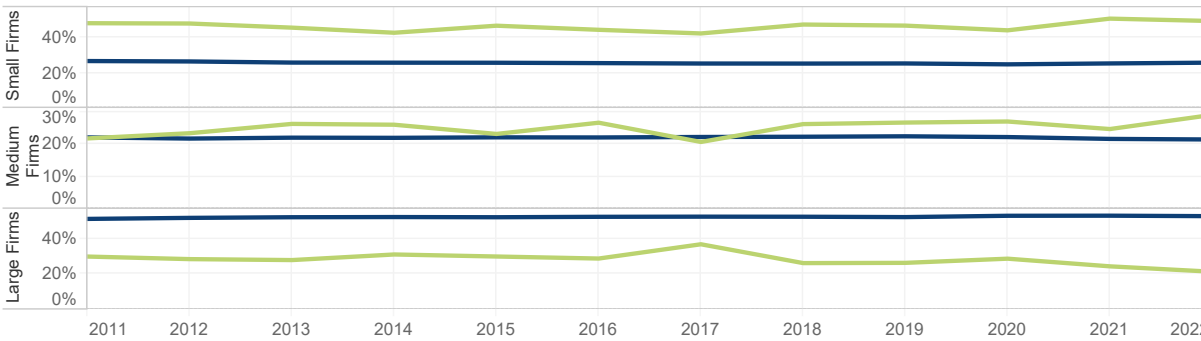
Firm Size
- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- Butler
- ✓ Carroll
- Champaign
- Clark

Carroll
Ohio
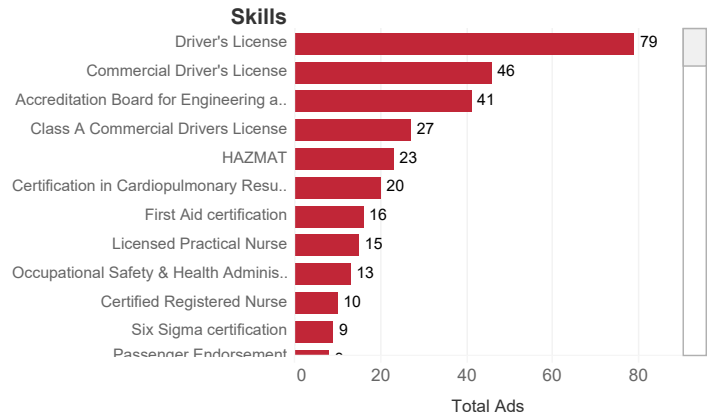
County Selection (right panel):
- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- Butler
- ● Carroll
- Champaign
- Clark
- Clermont
- Clinton
- Columbiana
- Coshocton
- Crawford
- Cuyahoga
- Darke
- Defiance
- Delaware
- Erie
- Fairfield
- Fayette
- Franklin
- Fulton
- Gallia

Top Occupations with the Most Area Online Job Ads

Occupation

Occupation	Total Ads
First-Line Supervisors of Re..	51
Civil Engineers	41
Surveyors	35
Heavy and Tractor-Trailer T..	31
Retail Salespersons	29
Production Workers, All Oth..	22
Personal Care Aides	20
Cashiers	18
Stockers and Order Fillers	16
Industrial Engineers	15
Maintenance and Repair W..	14

Total Ads

Top Skills for Online Job Ads

Skills

Skills	Total Ads
Driver's License	79
Commercial Driver's License	46
Accreditation Board for Engineering a..	41
Class A Commercial Drivers License	27
HAZMAT	23
Certification in Cardiopulmonary Resu..	20
First Aid certification	16
Licensed Practical Nurse	15
Occupational Safety & Health Adminis..	13
Certified Registered Nurse	10
Six Sigma certification	9
Passenger Endorsement	

Total Ads

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

Total Ads

Top Certifications for Online Job Ads

Certifications

Certifications	Total Ads
Scheduling	229
Communication	221
Supervision	177
Mathematics	166
Operations	146
Customer service	143
Monitoring	141
Written communications	123
Verbal communications	121
Leadership	115
Interpersonal skills	101
Coaching	100
Lifting	97

Total Ads

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	Carroll 2022				Ohio 2022			
	1	2	3	4	1	2	3	4
Accommodation and Food Services	16.4%	13.1%	17.8%	13.9%	17.8%	17.0%	17.9%	16.5%
Administrative and Support Services	7.8%	33.4%	24.6%	12.9%	19.2%	17.8%	19.9%	17.6%
Agriculture, Forestry, Fishing and Hunting	16.7%				9.0%	10.0%	15.1%	8.5%
Arts, Entertainment, and Recreation	11.5%	15.8%	41.1%	7.6%	11.7%	11.3%	24.4%	10.6%
Construction	9.5%	12.0%	11.9%	10.4%	8.2%	8.7%	13.8%	8.8%
Educational Services	4.7%	4.7%	1.7%	2.9%	11.0%	5.7%	3.7%	6.5%
Finance and Insurance			7.6%		5.9%	5.2%	5.7%	5.6%
Health Care and Social Assistance	10.0%	9.4%	8.8%	9.5%	8.8%	8.6%	8.6%	8.8%
Information	0.0%	8.3%			7.8%	8.2%	7.8%	7.7%
Management of Companies and Enterprises					6.4%	6.3%	6.2%	5.9%
Manufacturing	6.3%	5.1%	5.4%	6.4%	6.9%	6.7%	6.5%	6.6%
Mining, Quarrying, and Oil and Gas Extraction	14.7%	14.0%	5.8%	3.9%	7.7%	8.1%	8.9%	8.2%
Other Services (except Public Administration)	8.7%	11.0%	6.6%	8.3%	9.9%	9.6%	10.1%	9.4%
Professional, Scientific, and Technical Services	6.6%	7.7%	10.3%	7.5%	8.5%	7.8%	8.3%	7.4%
Public Administration	4.5%	5.5%	6.1%	6.3%	4.8%	4.4%	6.2%	4.7%
Real Estate and Rental and Leasing			17.0%	9.8%	8.9%	9.0%	10.7%	8.9%
Retail Trade	10.3%	11.0%	10.4%	13.8%	12.7%	10.6%	10.5%	11.1%
Transportation and Warehousing	8.8%	8.5%	7.3%	6.3%	12.6%	10.2%	10.0%	10.6%
Utilities					3.9%	3.8%	3.9%	3.7%
Wholesale Trade		4.1%	9.4%	3.9%	7.3%	6.9%	7.1%	6.9%
All NAICS	8.6%	9.6%	9.6%	8.7%	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.

County
○ Adams
○ Allen
○ Ashland
○ Ashtabula
○ Athens
○ Auglaize
○ Belmont
○ Brown
○ Butler
◉ Carroll
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○ 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

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.

Carroll County

Number of High School Seniors (12th Graders*)

Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
2014	257	0	0	257	
2015	181	0	0	181	81
2016	208	0	0	208	35
2017	166	0	0	166	195
2018	171	0	0	171	88
2019	178	0	0	178	207
2020	154	0	0	154	103
2021	149			149	93
2022	147			147	93
2023	149			149	127

*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
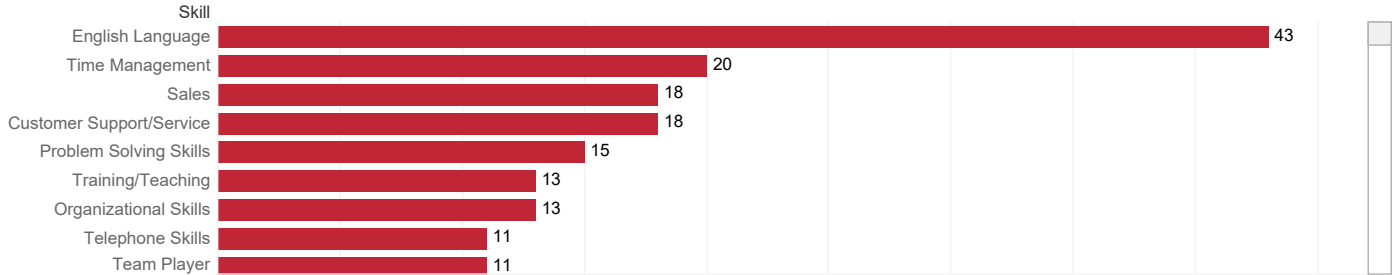○ 2022
● 2023

County
Carroll

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.

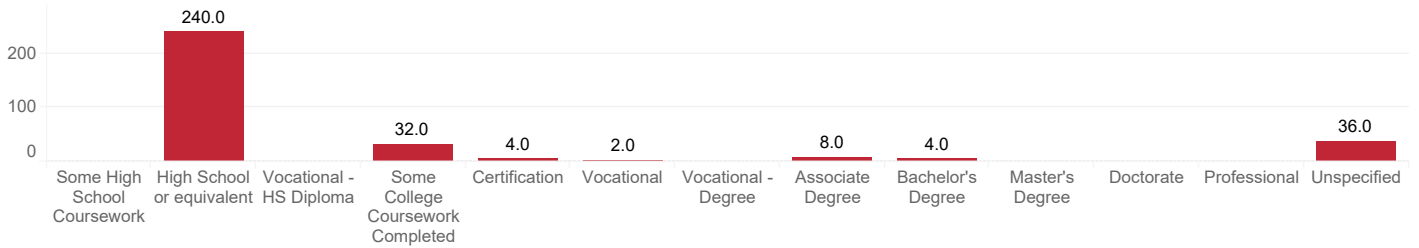| Carroll			
Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes	Total Individuals with a Disability Resumes
810.0	26.0	12.0	0.0

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

Skill
- English Language: 43
- Time Management: 20
- Sales: 18
- Customer Support/Service: 18
- Problem Solving Skills: 15
- Training/Teaching: 13
- Organizational Skills: 13
- Telephone Skills: 11
- Team Player: 11

Source: Monster Government Solutions, April 2021.

Education Level

- Some High School Coursework:
- High School or equivalent: 240.0
- Vocational - HS Diploma:
- Some College Coursework Completed: 32.0
- Certification: 4.0
- Vocational: 2.0
- Vocational - Degree:
- Associate Degree: 8.0
- Bachelor's Degree: 4.0
- Master's Degree:
- Doctorate:
- Professional:
- Unspecified: 36.0

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
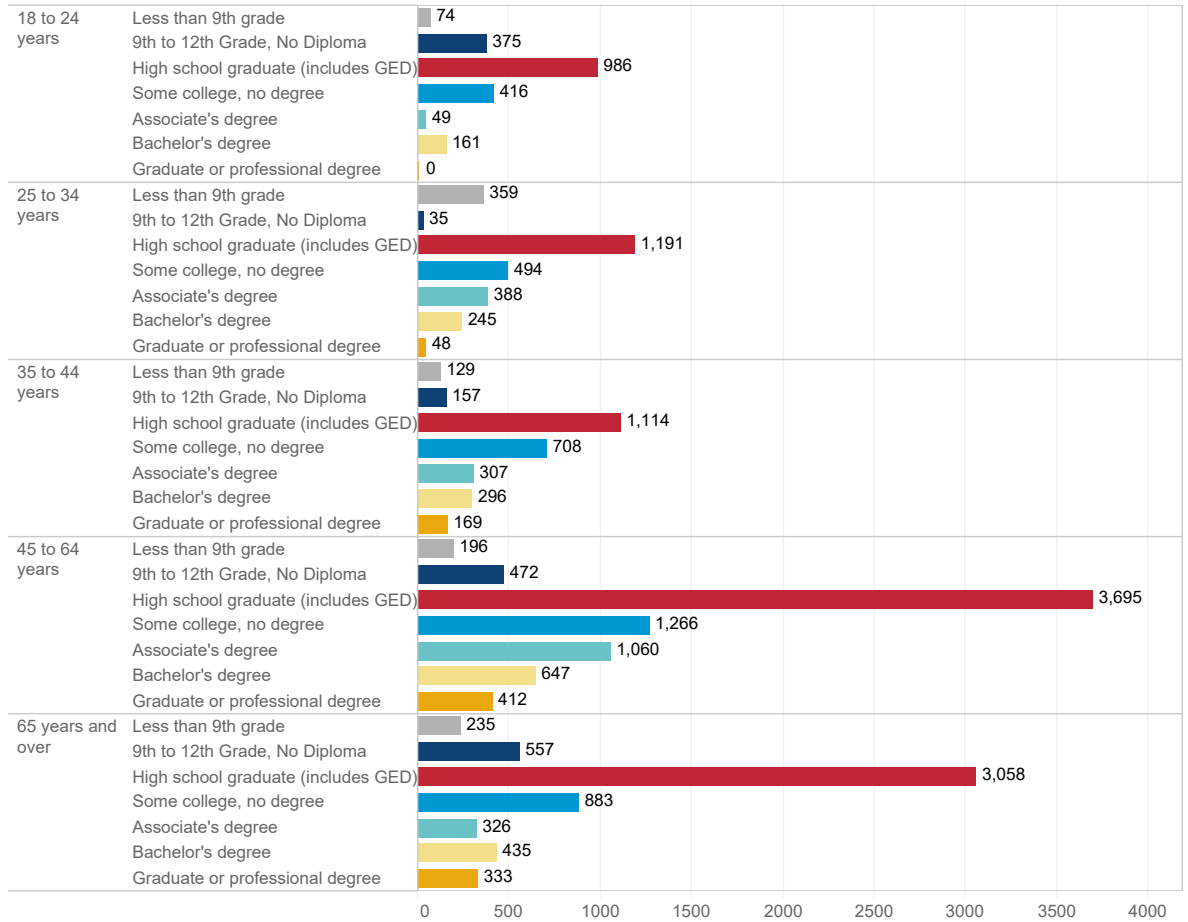Carroll

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.

Carroll

Age Group	Education Level	Value
18 to 24 years	Less than 9th grade	74
	9th to 12th Grade, No Diploma	375
	High school graduate (includes GED)	986
	Some college, no degree	416
	Associate's degree	49
	Bachelor's degree	161
	Graduate or professional degree	0
25 to 34 years	Less than 9th grade	359
	9th to 12th Grade, No Diploma	35
	High school graduate (includes GED)	1,191
	Some college, no degree	494
	Associate's degree	388
	Bachelor's degree	245
	Graduate or professional degree	48
35 to 44 years	Less than 9th grade	129
	9th to 12th Grade, No Diploma	157
	High school graduate (includes GED)	1,114
	Some college, no degree	708
	Associate's degree	307
	Bachelor's degree	296
	Graduate or professional degree	169
45 to 64 years	Less than 9th grade	196
	9th to 12th Grade, No Diploma	472
	High school graduate (includes GED)	3,695
	Some college, no degree	1,266
	Associate's degree	1,060
	Bachelor's degree	647
	Graduate or professional degree	412
65 years and over	Less than 9th grade	235
	9th to 12th Grade, No Diploma	557
	High school graduate (includes GED)	3,058
	Some college, no degree	883
	Associate's degree	326
	Bachelor's degree	435
	Graduate or professional degree	333

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

Carroll County
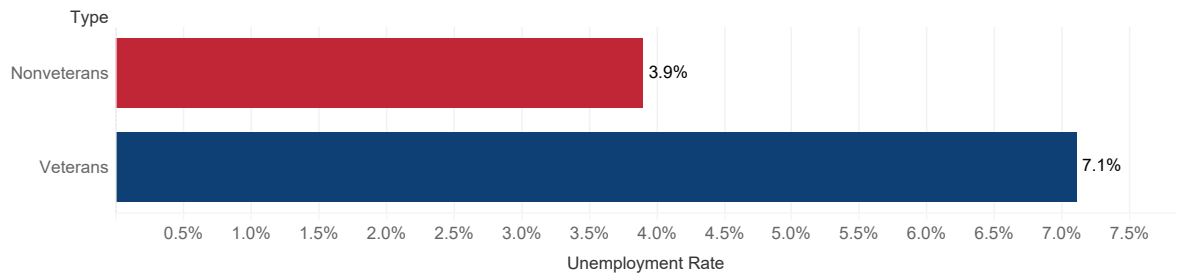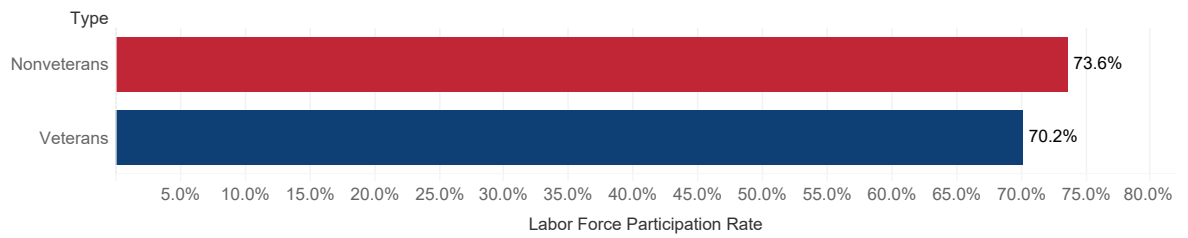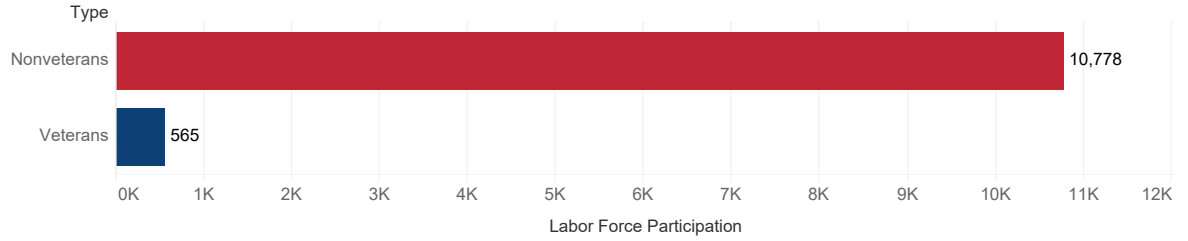
Civilian Labor Force

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.
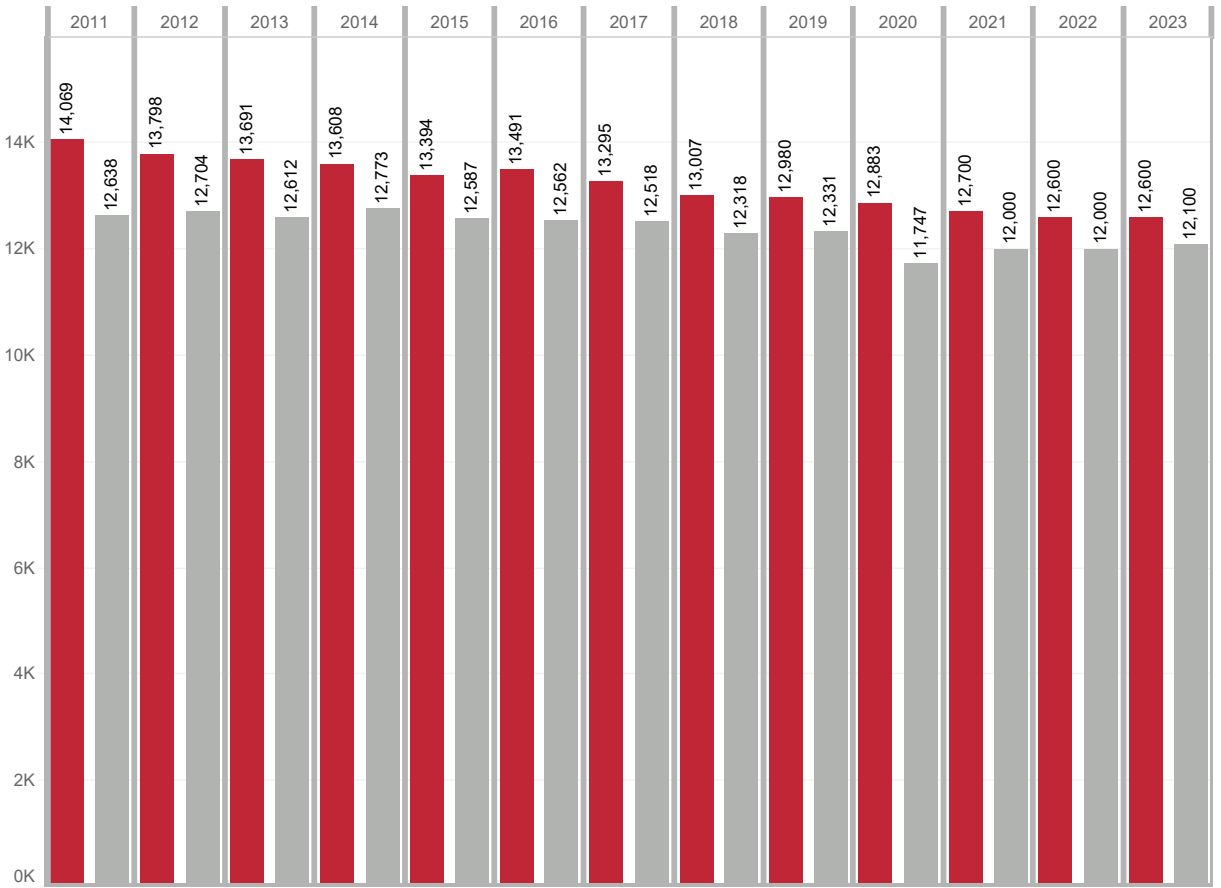
County

- ◯ Adams
- ◯ Allen
- ◯ Ashland
- ◯ Ashtabula
- ◯ Athens
- ◯ Auglaize
- ◯ Belmont
- ◯ Brown
- ◯ Butler
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- ◯ Champaign
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- ◯ 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 ■ (red) **Employment** ■ (gray)

Carroll County

Year	Labor Force	Employment
2011	14,069	12,638
2012	13,798	12,704
2013	13,691	12,612
2014	13,608	12,773
2015	13,394	12,587
2016	13,491	12,562
2017	13,295	12,518
2018	13,007	12,318
2019	12,980	12,331
2020	12,883	11,747
2021	12,700	12,000
2022	12,600	12,000
2023	12,600	12,100

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
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- ○ 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.

Commuting Trends - Carroll County

Legend:
- ■ Live in, work in
- ■ Live in, work out
- ■ Work in, live out
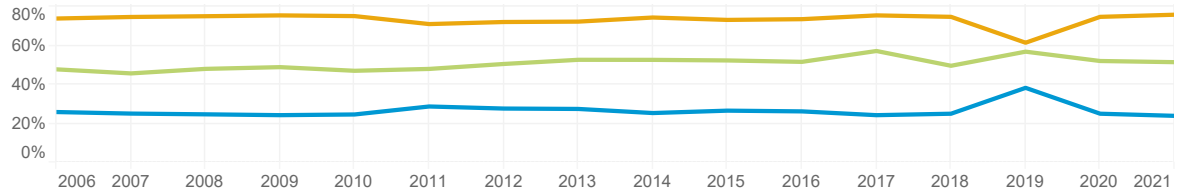
Commuting Patterns - Carroll County, 2010 – 2020

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	3,179	8,911	3,411
2017	2,924	9,087	3,931
2018	3,049	9,101	3,018
2019	3,002	8,845	3,193
2020	2,867	8,563	3,130
2021	2,716	8,604	2,891

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

	Year	
Top Work Counties for Out-Commuters	2020	2021
Stark County, OH	3,690	3,546
Tuscarawas County, OH	975	938
Summit County, OH	868	904
Cuyahoga County, OH	546	575
Columbiana County, OH	330	366
Franklin County, OH	255	268
Mahoning County, OH	214	202
Portage County, OH	177	146
Jefferson County, OH	142	165
Harrison County, OH	133	
Wayne County, OH		124

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

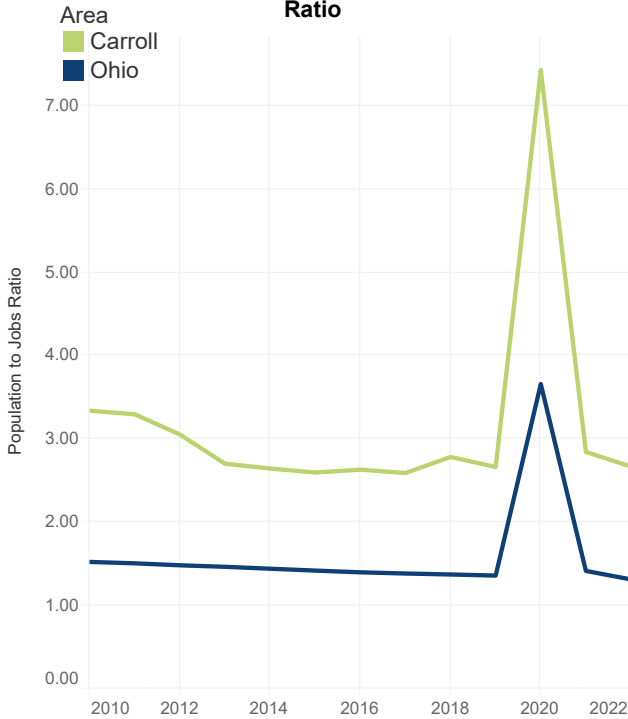|	Year	
Top Home Counties for In-Commuters	2020	2021
Stark County, OH	1,041	913
Columbiana County, OH	443	432
Tuscarawas County, OH	379	372
Harrison County, OH	136	134
Jefferson County, OH	158	123
Summit County, OH	119	100
Belmont County, OH	69	69
Mahoning County, OH	51	47
Cuyahoga County, OH	53	47
Trumbull County, OH	49	43

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
- Carroll
- Ohio

*Source: U.S. Census Bureau.
**Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages.

© 2024 Mapbox © OpenStreetMap

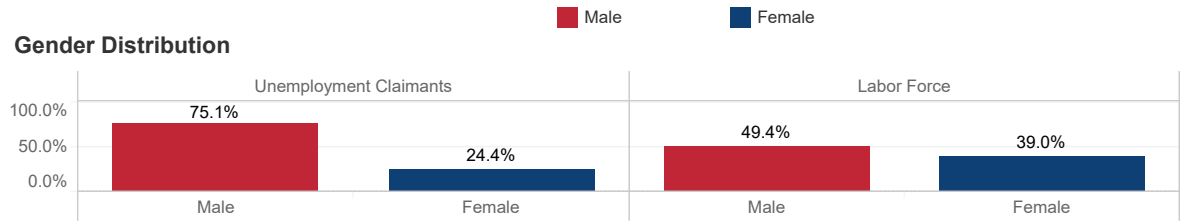# Unemployment Claimant and Labor Force Demographics

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.
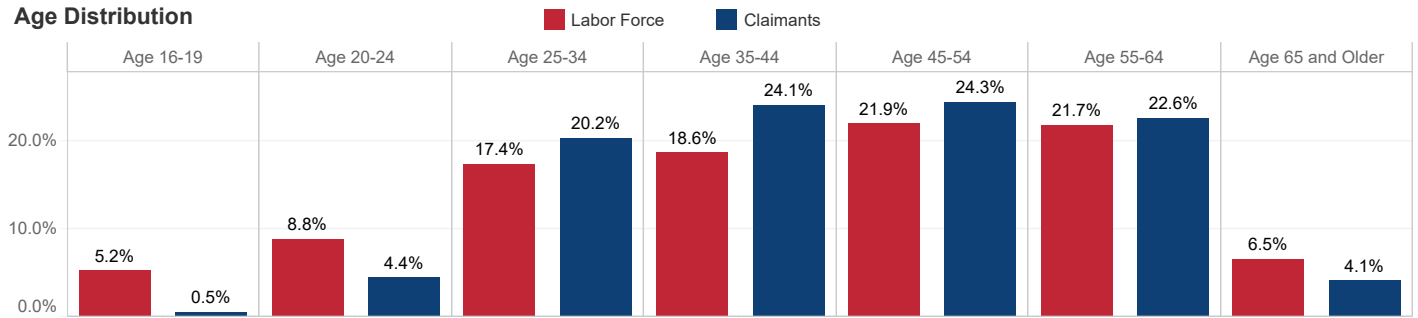
Year
○ 2019
○ 2020
○ 2021
◉ 2022

Area
Carroll

Carroll County

■ Male   ■ Female

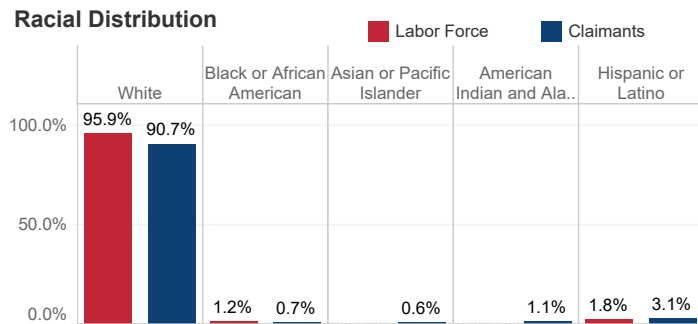### Gender Distribution

	Unemployment Claimants		Labor Force	
	Male	Female	Male	Female
	75.1%	24.4%	49.4%	39.0%

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
Labor Force	5.2%	8.8%	17.4%	18.6%	21.9%	21.7%	6.5%
Claimants	0.5%	4.4%	20.2%	24.1%	24.3%	22.6%	4.1%

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
Labor Force	95.9%	1.2%			1.8%
Claimants	90.7%	0.7%	0.6%	1.1%	3.1%

Source: Ohio Bureau of Labor Market Information.

Unemployment Claims by Industry

Industry	UI Claims
Construction	411
Manufacturing	153
Administrative and Support ..	128
Health Care and Social Ass..	71
Unclassified/Not Coded*	60
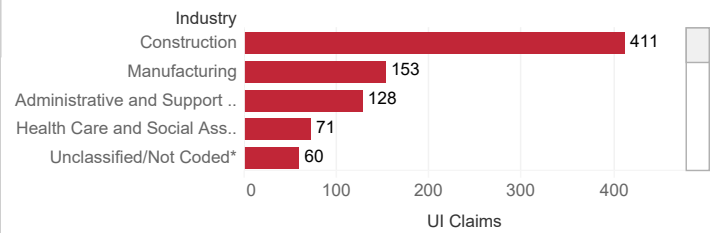
Source: Ohio Bureau of Labor Market Information.
*Unclassified/Not Coded industries coded as NAICS '999999' or claims with an unspecified employer.