

Onsite Construction Workforce Utilization by Sex and Race/Ethnicity

Appendices



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Appendix A. Methodology

This appendix summarizes the methodology the study team used to estimate the proportion of individuals in onsite construction and similar occupations by sex and by race and ethnicity. The appendix begins by describing the data used to capture relationships between occupations and to approximate the population within each occupation. The appendix then details the processes the study team employed to determine similarity between occupations and to estimate the distribution of workers across sex and race and ethnicity categories in an occupation or set of occupations. The appendix also includes a description of the variance estimation methods used for the estimates and a description of the approach to estimating the number of low-wage workers in each workforce.

Data

The Occupational Information Network (O*NET) database provides occupation-level data based on the 2018 Standard Occupational Classification (SOC) system and consists of regularly updated occupational characteristics and worker requirements across nearly 1,000 occupations in the U.S. economy (U.S. Department of Labor Employment & Training Administration, National Center for O*NET Development, 2023). The study team used O*NET edition 26.3 data, released in May 2022, to identify 44 onsite construction occupations and their similar occupations, which form the foundation of the study's analyses.

The study team used the Census Bureau's 2019 American Community Survey (ACS) 5-Year Estimates Public Use Microdata Sample (PUMS) person-level data^{A-1} to examine the characteristics of the population of U.S. workers in the total workforce, the workforce of onsite construction occupations, and the workforce of similar occupations. The 2019 5-Year ACS PUMS data pool individual ACS responses from 2015 to 2019, providing multiyear estimates that improve the statistical reliability of the data, particularly for subnational and subpopulation estimates. The study team also used the 2010 5-Year ACS PUMS data, which pool individual ACS responses from 2006 to 2010, for longitudinal analysis.

Similar Occupations

To measure the similarity between occupations, the study team used 43 descriptors from the O*NET database that characterize each occupation based on worker skills, worker interests, working conditions, and occupational experiences. The study team limited the analysis to onsite construction occupations, which represent a subset of the Standard Occupation Classification (SOC) major category 47, Construction and Extraction, that excludes management related occupations. The team narrowed the list of all occupations to those most similar to the onsite construction occupations through the following process. The team excluded occupations and removed them from the list of considered occupations based on an occupation's required education level, required strength level, frequency of difficult or hazardous working conditions, and average annual earnings.

- ▶ The team discarded occupations that require at least a 4-year college degree because the educational requirements for most onsite construction occupations fall below that threshold.

^{A-1} The study team accessed the ACS PUMS data through IPUMS-USA, <https://usa.ipums.org/usa/>.

- ▶ The team discarded occupations with a required strength level less than the strength level required for Operating Engineers.^{A-2}
- ▶ The team discarded any occupation with a frequency of hazardous working conditions less than the minimum frequency across the onsite construction occupations.
- ▶ The team used the 2019 5-Year ACS PUMS data to determine the average annual earnings by occupation across the U.S. population. The team removed from the list of consideration any occupation with average annual earnings greater than the maximum average annual earnings across the onsite construction occupations.

This process narrowed the list of occupations from 874 to 241. Then, for each of the onsite construction occupations, the study team used the 43 descriptors (exhibit A.1) of job requirements associated with each occupation from the O*NET database to calculate a similarity score. Similarity scores serve as a measure of the relatedness of 2 occupations based on job requirements. We calculate a similarity score between each onsite construction occupation and each of the remaining 241 occupations. For example, we calculate a score for the similarity of the carpenters occupation and the aircraft structure assemblers occupation, where a higher score value denotes greater similarity between the job requirements of carpenters and aircraft structure assemblers.

Bendick et al. (2011) calculated the similarity score as the Euclidean distance between any 2 occupations (e.g., carpenters and aircraft structure assemblers): The difference between the scores for each feature for the 2 occupations is squared, and squared differences are summed across the 43 features. However, many of the characteristics used in this calculation are highly correlated with one another. Therefore, the study team used a dimensionality reduction technique called principal components analysis (PCA), which accounts for the high correlation of the features and minimizes noise. PCA selects linear combinations of features to capture as much variation between observations as possible (Jolliffe, 2006). Applying this technique to the occupation data narrowed the 43 descriptors into 2 principal components that retained 98 percent of the variation in the data. The team then calculated the similarity score as the Euclidean distance between any 2 occupations (e.g., carpenters and aircraft structure assemblers) using the 2 principal components in place of the original 43 features.

^{A-2} The study team used the operating engineers occupation as the threshold for strength level according to the original methodology Bendick et al. devised in 2011. The operating engineers occupation has one of the lowest strength scores across all onsite construction occupations.

Exhibit A.1. O*NET Database Job Requirements

<ul style="list-style-type: none"> ▶ 1.A.1.a – Verbal ability ▶ 1.A.1.b – Reasoning ▶ 1.A.1.c – Quantitative ability ▶ 1.A.1.d – Memory ▶ 1.A.1.e – Perceptual ability ▶ 1.A.1.f – Spatial ability ▶ 1.A.1.g – Attentiveness ▶ 1.A.2.a – Fine manipulation ▶ 1.A.2.b – Physical control ▶ 1.A.3.a – Strength ▶ 1.A.3.b – Endurance ▶ 1.A.3.c – Flexibility/coordination ▶ 1.A.4.a – Visual acuity ▶ 1.A.4.b – Auditory acuity ▶ 1.B.1.a – Realistic interests ▶ 1.B.1.b – Investigative interests ▶ 1.B.1.c – Artistic interests ▶ 1.B.1.d – Social interests ▶ 1.B.1.e – Enterprising interests ▶ 1.B.1.f – Conventional interests ▶ 1.B.2.a – Achievement values ▶ 1.B.2.b – Working conditions values 	<ul style="list-style-type: none"> ▶ 1.B.2.c – Recognition values ▶ 1.B.2.d – Relationships values ▶ 1.B.2.e – Support values ▶ 1.B.2.f – Independence values ▶ 1.C.1.a – Achievement/Effort ▶ 1.C.1.b – Persistence ▶ 1.C.1.c – Initiative ▶ 1.C.2.b – Leadership ▶ 1.C.3.a – Cooperation ▶ 1.C.3.b – Concern for others ▶ 1.C.3.c – Social orientation ▶ 1.C.4.a – Self control ▶ 1.C.4.b – Stress tolerance ▶ 1.C.4.c – Adaptability/Flexibility ▶ 1.C.5.a – Dependability ▶ 1.C.5.b – Attention to detail ▶ 1.C.5.c – Integrity ▶ 1.C.6 – Independence ▶ 1.C.7.a – Innovation ▶ 1.C.7.b – Analytical thinking
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O*NET = the Occupational Information Network
Source: O*NET database edition 26.3

The study team used the similarity score between each pair of occupations (i.e., each onsite construction occupation compared with each of the 241 occupations) to identify a set of similar occupations for each onsite construction occupation. The team then determined a threshold for similarity based on the similarity between onsite construction occupations. The study team used the median similarity when considering only similarities between the various onsite construction occupations as a cutoff. Occupations are considered similar if their similarity score is less than or equal to the median similarity score. The team limited the set of similar occupations for each onsite construction occupation to the top 50 most similar occupations if necessary.

Because onsite construction occupations often require specialized skills, this approach to identifying sets of similar occupations enables onsite construction occupations to be similar to one another. Excluding other onsite construction occupations could result in a set of similar occupations that are not particularly similar. However, given underutilization of women and people of color persists across construction occupations, the gaps estimated from this approach are lower than if the study team excluded onsite construction occupations from the similar set.

In particular, if the team excluded onsite construction occupations from the set of similar occupations, the utilization gap estimates would be 10.56 percentage points for women, 1.89 percentage points for Asian workers, 7.06 percentage points for Black or African American workers, -0.10 percentage points for Indigenous workers, 2.85 percentage points for White workers, 0.10 percentage points for workers who identify as multiracial or another race, and -11.81 percentage points for Hispanic or Latinx workers. With onsite construction occupations included in the set of similar occupations, the study team calculated the utilization gap estimates as 8.94 percentage points for women, 1.58 percentage points for

Asian workers, 5.78 percentage points for Black or African American workers, -0.08 percentage points for Indigenous workers, 2.36 percentage points for White workers, 0.08 percentage points for workers who identify as multiracial or another race, and -9.72 for Hispanic or Latinx workers.

Utilization and Gap Estimation

The study team used the 2019 5-Year ACS PUMS data to estimate the total number of individuals in each relevant occupation in the United States and the number of individuals within each sex and each race and ethnicity group based on the PUMS person-level weights. The team considered only employed members of the labor force in this analysis.^{A-3} For each demographic group, the team compared the labor force share in the set of similar occupations with the share in a given onsite construction occupation to calculate the gap between the two. The team mapped the SOC occupation codes from the O*NET database to Census occupation codes the ACS uses. When multiple SOC codes were included in a single Census occupation code, the team combined the sets of similar occupations associated with each SOC code to represent the similar occupations associated with the single Census occupation code.

The study team also produced aggregate estimates for all onsite construction occupations and for two broad categories of onsite construction occupations: (1) craft workers and (2) laborers and helpers. The team classified onsite construction occupations into craft worker occupations and laborers and helpers occupations according to the classifications defined in Equal Employment Opportunity-1 reports collected by the U.S. Equal Employment Opportunity Commission. To calculate estimates for these aggregate groups, the team used a weighted sum.

When summing across the onsite construction occupations included in an aggregate group, the team weighted the sum of workers in similar occupations by the proportion of total workers in the aggregate group who are in the specific onsite construction occupation associated with those similar occupations. For example, if the total number of craft workers was 1 million and carpenters represent 100,000 of those workers, in the sum of workers in similar occupations for craft workers, the similar occupations associated with the Carpenters occupation would have a weight of 0.1 (100,000/1,000,000).^{A-4}

The ACS PUMS data include the State and Public Use Microdata Area^{A-5} (PUMA) of residence for each survey respondent. The study team used the ACS State subsamples to calculate the State-level estimates in the brief (see Section 2. State Estimates). The team used the ACS PUMA subsamples to calculate estimates at the Economic Area (EA)^{A-6} level in the brief (see Section 3. Economic Area Estimates). For the EA-level estimates, the team mapped the 982 PUMAs in the 2010 Census to the 179 EAs. About 63 percent of PUMAs map to a single EA. The remaining 37 percent are split between PUMAs and sometimes across State lines. When a PUMA was in multiple EAs, the team captured data related to the PUMA in all EAs of which it is a part. Therefore, EA estimates are not always independent of one another.

^{A-3} The 2019 5-Year ACS PUMS data estimate the employed labor force at 155,780,376 based on a sample of 7,433,260 individuals.

^{A-4} These numbers are used for demonstrative purposes and do not represent the actual numbers of craft workers or workers in the carpenters occupation.

^{A-5} PUMAs are statistical geographic areas containing at least 100,000 people and cover the entirety of the United States, Puerto Rico, and Guam. They do not cross State lines.

^{A-6} EAs are regional markets encompassing one or more statistical areas and the surrounding counties. As of 2004, the U.S. Bureau of Economic Analysis delineated 179 EAs with full coverage of the 50 States and the District of Columbia (Johnson and Kort, 2004).

Variance Estimation

The estimates in this brief are presented with 95 percent confidence intervals. The study team calculated the margins of error (MOEs) used to construct these intervals using the 80 person-level replicate weights the ACS PUMS data include. PUMS documentation recommends using the successive difference replication (SDR) method to calculate standard errors for estimates derived from the PUMS data. The SDR method uses the 80 person-level replicate weights to construct 80 replicate estimates in addition to the point estimate calculated using the base person-level weight. The MOE for an estimate is then calculated using the following formula:

$$MOE(X) = 1.96 * \sqrt{\frac{4}{80} \sum_{r=1}^{80} (X_r - X)^2}$$

—where X is the estimate based on the person-level weight and the values of X_r are the 80 individual estimates based on each of the replicate weights.

Using the MOEs for the estimated **number** of workers from the previous formula, the study team constructed the MOEs associated with the **share** of workers from a specific demographic group in each occupation. For the share of workers, the team calculated the MOEs using the following formula:

$$MOE(\hat{P}) = \frac{1}{\hat{Y}} \sqrt{[MOE(\hat{X})]^2 - (\hat{P}^2 * [MOE(\hat{Y})]^2)}$$

—where \hat{X} is the number of workers in an occupation who belong to a specific demographic group; \hat{Y} is the total number of workers in an occupation; and \hat{P} is $\frac{\hat{X}}{\hat{Y}}$, or the share of workers in an occupation who belong to a specific demographic group.

Finally, the MOEs for the gap estimates—calculated as the percentage point difference between the **share** of workers from a specific demographic group in occupations similar to an onsite construction occupation and the **share** of workers from a specific demographic group in the associated onsite construction occupation—are calculated using the following formula:

$$MOE(gap) = 1.96 * \sqrt{\left[\frac{MOE(\hat{P}_{similar})}{1.96}\right]^2 - \left[\frac{MOE(\hat{P}_{constr.})}{1.96}\right]^2}$$

Estimating Low-Wage Workers

The study team included information about the population of low-wage workers in the brief (see Section 1. National Estimates). The team defined this low-wage distinction according to a definition presented in the Brookings Institution’s *Meet the Low-Wage Workforce* report (2019). Workers are considered low

wage according to an hourly wage threshold. The team defined this threshold as two-thirds of the median hourly wage for men working full time/full year.^{A-7}

To estimate the hourly wages for individuals in the population, the study team relied on person-level data from the 2019 5-Year ACS PUMS. The ACS collects information on the number of weeks^{A-8} an individual worked over the previous year and the number of hours worked per week on average. The team used these details to approximate an hourly wage for each individual in the 2019 5-Year ACS PUMS. The team then compared these hourly wages with the low-wage worker threshold.

^{A-7} Based on the Brookings Institution approach, the study team considered workers to be full time/full year if they worked greater than or equal to 35 hours per week on average and at least 51 weeks during the previous year.

^{A-8} The ACS collects the number of weeks worked as a categorical variable, in which each value represents a range of weeks. In accordance with the Brookings Institution method, the study team used the midpoint of each range as the value for the number of weeks worked for each individual.

Appendix B. Construction Occupation Details

This appendix describes the onsite construction and similar occupations addressed in this brief.

The study team defines the onsite construction occupations considered in this study by 44 distinct SOC codes and 27 ACS Census occupation codes derived from the SOC codes. Table B.1 shows the SOC codes and their ACS Census code equivalents.

Table B.1. Onsite Construction Occupation Codes

Standard Occupational Classification Code	American Community Survey Census Code
47-2011.00-Boilermakers	6210-Boilermakers
47-2021.00-Brickmasons and Blockmasons	6220-Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers
47-2022.00-Stonemasons	6220-Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers
47-2031.00-Carpenters	6230-Carpenters
47-2041.00-Carpet Installers	6240-Carpet, floor, and tile installers and finishers
47-2042.00-Floor Layers, Except Carpet, Wood, and Hard Tiles	6240-Carpet, floor, and tile installers and finishers
47-2043.00-Floor Sanders and Finishers	6240-Carpet, floor, and tile installers and finishers
47-2044.00-Tile and Stone Setters	6240-Carpet, floor, and tile installers and finishers
47-2051.00-Cement Masons and Concrete Finishers	6250-Cement masons, concrete finishers, and terrazzo workers
47-2053.00-Terrazzo Workers and Finishers	6250-Cement masons, concrete finishers, and terrazzo workers
47-2061.00-Construction Laborers	6260-Construction laborers
47-2071.00-Paving, Surfacing, and Tamping Equipment Operators	6305-Construction equipment operators
47-2073.00-Operating Engineers and Other Construction Equipment Operators	6305-Construction equipment operators
47-2072.00-Pile Driver Operators	6305-Construction equipment operators
47-2081.00-Drywall and Ceiling Tile Installers	6330-Drywall installers, ceiling tile installers, and tapers
47-2082.00-Tapers	6330-Drywall installers, ceiling tile installers, and tapers
47-2111.00-Electricians	6355-Electricians
47-2121.00-Glaziers	6360-Glaziers
47-2131.00-Insulation Workers, Floor, Ceiling, and Wall	6400-Insulation workers
47-2132.00-Insulation Workers, Mechanical	6400-Insulation workers
47-2141.00-Painters, Construction and Maintenance	6410-Painters and paperhangers
47-2142.00-Paperhangers	6410-Painters and paperhangers
47-2151.00-Pipelayers	6441-Pipelayers, plumbers, pipefitters, and steamfitters
47-2152.00-Plumbers, Pipefitters, and Steamfitters	6441-Pipelayers, plumbers, pipefitters, and steamfitters
47-2152.04-Solar Thermal Installers and Technicians	6442-Solar thermal installers and technicians
47-2161.00-Plasterers and Stucco Masons	6460-Plasterers and stucco masons
47-2181.00-Roofers	6515-Roofers
47-2211.00-Sheet Metal Workers	6520-Sheet metal workers

Standard Occupational Classification Code	American Community Survey Census Code
47-2221.00-Structural Iron and Steel Workers	6530-Structural iron and steel workers
47-2231.00-Solar Photovoltaic Installers	6540-Solar photovoltaic installers
47-3011.00-Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	6600-Helpers, construction trades
47-3012.00-Helpers--Carpenters	6600-Helpers, construction trades
47-3013.00-Helpers--Electricians	6600-Helpers, construction trades
47-3014.00-Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	6600-Helpers, construction trades
47-3015.00-Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	6600-Helpers, construction trades
47-3016.00-Helpers--Roofers	6600-Helpers, construction trades
47-4011.00-Construction and Building Inspectors	6660-Construction and building inspectors
47-4021.00-Elevator and Escalator Installers and Repairers	6700-Elevator and escalator installers and repairers
47-4031.00-Fence Erectors	6710-Fence erectors
47-4041.00-Hazardous Materials Removal Workers	6720-Hazardous materials removal workers
47-4051.00-Highway Maintenance Workers	6730-Highway maintenance workers
47-4061.00-Rail-Track Laying and Maintenance Equipment Operators	6740-Rail-track laying and maintenance equipment operators
47-4071.00-Septic Tank Servicers and Sewer Pipe Cleaners	6765-Other construction and related workers
47-4091.00-Segmental Pavers	6765-Other construction and related workers

Sources: U.S. Bureau of Labor Statistics; IPUMS USA

The study team included all the occupations in table B.1. in the estimates for all onsite construction occupations. Exhibits B.1a and B.1b show the team’s classifications of these occupations into craft workers and laborers and helpers, based on the classifications defined in Equal Employment Opportunity-1 reports (U.S. Equal Employment Opportunity Commission).

Exhibit B.1a. Onsite Construction Occupations Classified as Craft Workers

- ▶ 47-2011.00-Boilermakers
- ▶ 47-2021.00-Brickmasons and Blockmasons
- ▶ 47-2022.00-Stonemasons
- ▶ 47-2031.00-Carpenters
- ▶ 47-2041.00-Carpet Installers
- ▶ 47-2042.00-Floor Layers, Except Carpet, Wood, and Hard Tiles
- ▶ 47-2043.00-Floor Sanders and Finishers
- ▶ 47-2044.00-Tile and Stone Setters
- ▶ 47-2051.00-Cement Masons and Concrete Finishers
- ▶ 47-2053.00-Terrazzo Workers and Finishers
- ▶ 47-2071.00-Paving, Surfacing, and Tamping Equipment Operators
- ▶ 47-2073.00-Operating Engineers and Other Construction Equipment Operators
- ▶ 47-2072.00-Pile Driver Operators
- ▶ 47-2081.00-Drywall and Ceiling Tile Installers
- ▶ 47-2082.00-Tapers
- ▶ 47-2111.00-Electricians

Exhibit B.1a. Onsite Construction Occupations Classified as Craft Workers

- ▶ 47-2121.00-Glaziers
- ▶ 47-2131.00-Insulation Workers, Floor, Ceiling, and Wall
- ▶ 47-2132.00-Insulation Workers, Mechanical
- ▶ 47-2141.00-Painters, Construction and Maintenance
- ▶ 47-2142.00-Paperhangers
- ▶ 47-2151.00-Pipelayers
- ▶ 47-2152.00-Plumbers, Pipefitters, and Steamfitters
- ▶ 47-2152.04-Solar Thermal Installers and Technicians
- ▶ 47-2161.00-Plasterers and Stucco Masons
- ▶ 47-2181.00-Roofers
- ▶ 47-2211.00-Sheet Metal Workers
- ▶ 47-2221.00-Structural Iron and Steel Workers
- ▶ 47-2231.00-Solar Photovoltaic Installers
- ▶ 47-4021.00-Elevator and Escalator Installers and Repairers
- ▶ 47-4031.00-Fence Erectors
- ▶ 47-4041.00-Hazardous Materials Removal Workers
- ▶ 47-4051.00-Highway Maintenance Workers
- ▶ 47-4061.00-Rail-Track Laying and Maintenance Equipment Operators
- ▶ 47-4091.00-Segmental Pavers

Note: The study did not assign 47-4011.00-Construction and Building Inspectors to either crafter workers or laborers and helpers based on the EEO-1 categories.

Source: U.S. Equal Employment Opportunity Commission

Exhibit B.1b. Onsite Construction Occupations Classified as Laborers and Helpers

- ▶ 47-2061.00-Construction Laborers
- ▶ 47-3011.00-Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters
- ▶ 47-3012.00-Helpers--Carpenters
- ▶ 47-3013.00-Helpers--Electricians
- ▶ 47-3014.00-Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons
- ▶ 47-3015.00-Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
- ▶ 47-3016.00-Helpers--Roofers
- ▶ 47-4071.00-Septic Tank Servicers and Sewer Pipe Cleaners

Note: 47-4011.00-Construction and Building Inspectors is not assigned to either crafter workers or laborers and helpers.

Source: U.S. Equal Employment Opportunity Commission

The SOC codes for all the occupations the study team determined to be similar to at least one onsite construction occupation are in table B.2.^{B-9}

Table B.2. Occupations Similar to At Least One Onsite Construction Occupation

Similar Occupation	Standard Occupational Classification Code
19-4071.00-Forest and Conservation Technicians	
29-2056.00-Veterinary Technologists and Technicians	
33-9093.00-Transportation Security Screeners	
37-2021.00-Pest Control Workers	
37-3011.00-Landscaping and Groundskeeping Workers	
37-3012.00-Pesticide Handlers, Sprayers, and Applicators, Vegetation	
37-3013.00-Tree Trimmers and Pruners	
39-2011.00-Animal Trainers	
39-2021.00-Animal Caretakers	
45-2092.00-Farmworkers and Laborers, Crop, Nursery, and Greenhouse	
45-2093.00-Farmworkers, Farm, Ranch, and Aquacultural Animals	
45-3031.00-Fishing and Hunting Workers	
45-4011.00-Forest and Conservation Workers	
45-4021.00-Fallers	
47-4099.03-Weatherization Installers and Technicians	
47-5011.00-Derrick Operators, Oil and Gas	
47-5012.00-Rotary Drill Operators, Oil and Gas	
47-5013.00-Service Unit Operators, Oil and Gas	
47-5022.00-Excavating and Loading Machine and Dragline Operators, Surface Mining	
47-5032.00-Explosives Workers, Ordnance Handling Experts, and Blasters	
47-5041.00-Continuous Mining Machine Operators	
47-5043.00-Roof Bolters, Mining	
47-5044.00-Loading and Moving Machine Operators, Underground Mining	
47-5051.00-Rock Splitters, Quarry	
47-5071.00-Roustabouts, Oil and Gas	
47-5081.00-Helpers--Extraction Workers	
49-2021.00-Radio, Cellular, and Tower Equipment Installers and Repairers	
49-2022.00-Telecommunications Equipment Installers and Repairers, Except Line Installers	
49-2092.00-Electric Motor, Power Tool, and Related Repairers	
49-3011.00-Aircraft Mechanics and Service Technicians	
49-3021.00-Automotive Body and Related Repairers	
49-3023.00-Automotive Service Technicians and Mechanics	
49-3031.00-Bus and Truck Mechanics and Diesel Engine Specialists	
49-3041.00-Farm Equipment Mechanics and Service Technicians	
49-3042.00-Mobile Heavy Equipment Mechanics, Except Engines	
49-3043.00-Rail Car Repairers	
49-3051.00-Motorboat Mechanics and Service Technicians	
49-3052.00-Motorcycle Mechanics	

^{B-9} The set of similar occupations also includes onsite construction occupations listed in table B.1.

Similar Occupation Standard Occupational Classification Code

49-3053.00-Outdoor Power Equipment and Other Small Engine Mechanics
49-3091.00-Bicycle Repairers
49-3092.00-Recreational Vehicle Service Technicians
49-3093.00-Tire Repairers and Changers
49-9011.00-Mechanical Door Repairers
49-9021.00-Heating, Air Conditioning, and Refrigeration Mechanics and Installers
49-9031.00-Home Appliance Repairers
49-9041.00-Industrial Machinery Mechanics
49-9043.00-Maintenance Workers, Machinery
49-9044.00-Millwrights
49-9051.00-Electrical Power-Line Installers and Repairers
49-9052.00-Telecommunications Line Installers and Repairers
49-9071.00-Maintenance and Repair Workers, General
49-9081.00-Wind Turbine Service Technicians
49-9092.00-Commercial Divers
49-9094.00-Locksmiths and Safe Repairers
49-9095.00-Manufactured Building and Mobile Home Installers
49-9096.00-Riggers
49-9097.00-Signal and Track Switch Repairers
49-9098.00-Helpers--Installation, Maintenance, and Repair Workers
49-9099.01-Geothermal Technicians
51-2011.00-Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
51-2041.00-Structural Metal Fabricators and Fitters
51-2051.00-Fiberglass Laminators and Fabricators
51-2092.00-Team Assemblers
51-3021.00-Butchers and Meat Cutters
51-3022.00-Meat, Poultry, and Fish Cutters and Trimmers
51-3023.00-Slaughterers and Meat Packers
51-4021.00-Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4022.00-Forging Machine Setters, Operators, and Tenders, Metal and Plastic
51-4023.00-Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
51-4031.00-Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4032.00-Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4033.00-Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4034.00-Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4035.00-Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4041.00-Machinists
51-4051.00-Metal-Refining Furnace Operators and Tenders
51-4052.00-Pourers and Casters, Metal
51-4061.00-Model Makers, Metal and Plastic
51-4071.00-Foundry Mold and Coremakers
51-4072.00-Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
51-4111.00-Tool and Die Makers

Similar Occupation Standard Occupational Classification Code

51-4121.00-Welders, Cutters, Solderers, and Brazers
51-4122.00-Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
51-4191.00-Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
51-4192.00-Layout Workers, Metal and Plastic
51-4193.00-Plating Machine Setters, Operators, and Tenders, Metal and Plastic
51-4194.00-Tool Grinders, Filers, and Sharpeners
51-5113.00-Print Binding and Finishing Workers
51-6062.00-Textile Cutting Machine Setters, Operators, and Tenders
51-6064.00-Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
51-6091.00-Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers
51-6093.00-Upholsterers
51-7011.00-Cabinetmakers and Bench Carpenters
51-7021.00-Furniture Finishers
51-7032.00-Patternmakers, Wood
51-7041.00-Sawing Machine Setters, Operators, and Tenders, Wood
51-7042.00-Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-8099.01-Biofuels Processing Technicians
51-9012.00-Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-9021.00-Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-9022.00-Grinding and Polishing Workers, Hand
51-9032.00-Cutting and Slicing Machine Setters, Operators, and Tenders
51-9041.00-Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-9051.00-Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
51-9111.00-Packaging and Filling Machine Operators and Tenders
51-9124.00-Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
51-9151.00-Photographic Process Workers and Processing Machine Operators
51-9191.00-Adhesive Bonding Machine Operators and Tenders
51-9192.00-Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
51-9193.00-Cooling and Freezing Equipment Operators and Tenders
51-9195.00-Molders, Shapers, and Casters, Except Metal and Plastic
51-9195.03-Stone Cutters and Carvers, Manufacturing
51-9195.04-Glass Blowers, Molders, Benders, and Finishers
51-9196.00-Paper Goods Machine Setters, Operators, and Tenders
51-9197.00-Tire Builders
51-9198.00-Helpers--Production Workers
53-3011.00-Ambulance Drivers and Attendants, Except Emergency Medical Technicians
53-3032.00-Heavy and Tractor-Trailer Truck Drivers
53-3033.00-Light Truck Drivers
53-4013.00-Rail Yard Engineers, Dinkey Operators, and Hostlers
53-5011.00-Sailors and Marine Oilers
53-5022.00-Motorboat Operators
53-5031.00-Ship Engineers
53-6031.00-Automotive and Watercraft Service Attendants
53-7011.00-Conveyor Operators and Tenders

Similar Occupation Standard Occupational Classification Code

53-7051.00-Industrial Truck and Tractor Operators

53-7062.00-Laborers and Freight, Stock, and Material Movers, Hand

53-7063.00-Machine Feeders and Offbearers

53-7064.00-Packers and Packagers, Hand

53-7072.00-Pump Operators, Except Wellhead Pumpers

53-7073.00-Wellhead Pumpers

53-7081.00-Refuse and Recyclable Material Collectors

53-7121.00-Tank Car, Truck, and Ship Loaders

Sources: IPUMS USA; the Occupational Information Network database edition 26.3

Appendix C. Additional Tables

This appendix includes additional tables with the utilization and gap estimates for onsite construction occupations organized by geographic level.

The first section, National Estimates of Utilization and Gaps by Onsite Construction Occupation, includes two tables at the national level. Table C.1a includes the estimated percentage of women and men in onsite construction and the gap between the percentage in onsite construction and similar occupations for aggregate groups of occupations and each individual onsite construction occupation. Table C.1b includes the same information for each race and ethnicity group in the brief. In both tables, the MOE associated with each estimate is included in parentheses.

The next section, State Estimates of Utilization and Gaps by Aggregate Onsite Construction Occupation Group, includes six tables¹⁰. Each table displays information for one of the three aggregate occupation groups—all onsite construction occupations, craft workers, and laborers and helpers. Contents of the tables include the estimated percentage of individuals in onsite construction and the gap between the percentage in onsite construction and similar occupations by sex or by race and ethnicity for each State and the District of Columbia. In all tables, the MOE associated with each estimate is included in parentheses.

The final section, Economic Area Estimates of Utilization and Gaps by Aggregate Onsite Construction Occupation Group, also includes six tables¹¹ that parallel the tables in the State section. The tables include the estimated percentage of individuals in onsite construction and the gap between the percentage in onsite construction and similar occupations by sex or by race and ethnicity for each of the 179 EAs. In all tables, the MOE associated with each estimate is included in parentheses.

The 2019 5-Year ACS PUMS data did not include individuals for every subpopulation of interest. For example, the sample of individuals in New Mexico did not include any Asian workers in onsite construction. Therefore, the study team could not estimate the share of workers in construction and the gap for this group. The – symbol in tables¹² indicates these cases. In other cases, the estimated number of individuals in a demographic group and specific location may be small enough that the share is estimated to be 0 percent, but the MOE is a nonzero value.

¹⁰ See tables C.2a, C.2b, C.3a, C.3b, C.4a, and C.4b.

¹¹ See tables C.5a, C.5b, C.6a, C.6b, C.7a, and C.7b.

¹² See tables C.2b, C.3b, C.4b, C.5b, C.6b, and C.7b.

National Estimates of Utilization and Percentage Point Gaps by Onsite Construction Occupation

Table C.1a. National Utilization and Percentage Point Gap Estimates by Onsite Construction Occupation and by Sex, 2019

Onsite Construction Occupation*	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
All onsite construction occupations	3.29 (0.10)	8.94 (0.13)	96.71 (0.07)	-8.94 (0.11)
Craft workers	3.20 (0.12)	8.47 (0.15)	96.80 (0.09)	-8.47 (0.11)
Laborers and helpers	3.63 (0.18)	10.42 (0.21)	96.37 (0.11)	-10.42 (0.14)
6210-Boilermakers	2.70 (1.52)	7.99 (1.52)	97.30 (2.97)	-7.99 (2.98)
6220-Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers	0.87 (0.31)	9.59 (0.32)	99.13 (0.45)	-9.59 (0.46)
6230-Carpenters	2.13 (0.17)	8.47 (0.21)	97.87 (0.19)	-8.47 (0.24)
6240-Carpet, floor, and tile installers and finishers	2.90 (0.56)	10.34 (0.56)	97.10 (0.17)	-10.34 (0.19)
6250-Cement masons, concrete finishers, and terrazzo workers	0.91 (0.39)	10.00 (0.41)	99.09 (0.94)	-10.00 (0.94)
6260-Construction laborers	3.32 (0.16)	10.77 (0.20)	96.68 (0.07)	-10.77 (0.11)
6305-Construction equipment operators	2.32 (0.30)	7.71 (0.32)	97.68 (0.33)	-7.71 (0.34)
6330-Drywall installers, ceiling tile installers, and tapers	2.58 (0.55)	8.69 (0.56)	97.42 (0.76)	-8.69 (0.77)
6355-Electricians	2.28 (0.21)	9.83 (0.26)	97.72 (0.27)	-9.83 (0.30)
6360-Glaziers	2.06 (0.81)	8.87 (0.82)	97.94 (1.08)	-8.87 (1.09)
6400-Insulation workers	4.67 (1.31)	6.97 (1.31)	95.33 (1.55)	-6.97 (1.56)
6410-Painters and paperhangers	7.05 (0.38)	4.37 (0.39)	92.95 (0.58)	-4.37 (0.59)
6441-Pipelayers, plumbers, pipefitters, and steamfitters	2.19 (0.79)	7.60 (0.80)	97.81 (0.68)	-7.60 (0.68)
6442-Solar thermal installers and technicians	1.54 (0.18)	8.42 (0.24)	98.46 (0.32)	-8.42 (0.33)
6460-Plasterers and stucco masons	0.73 (0.57)	12.80 (0.58)	99.27 (0.29)	-12.80 (0.30)
6515-Roofers	1.78 (0.40)	13.44 (0.43)	98.22 (0.20)	-13.44 (0.22)
6520-Sheet metal workers	4.93 (0.72)	7.64 (0.73)	95.07 (1.24)	-7.64 (1.24)
6530-Structural iron and steel workers	2.71 (0.79)	8.59 (0.80)	97.29 (1.24)	-8.59 (1.25)
6540-Solar photovoltaic installers	3.25 (1.69)	8.58 (1.70)	96.75 (1.11)	-8.58 (1.11)
6600-Helpers, construction trades	5.91 (0.97)	7.81 (0.98)	94.09 (1.86)	-7.81 (1.86)
6660-Construction and building inspectors	11.34 (1.38)	10.01 (1.42)	88.66 (0.18)	-10.01 (0.30)
6700-Elevator and escalator installers and repairers	1.65 (1.04)	7.84 (1.05)	98.35 (1.52)	-7.84 (1.53)

Onsite Construction Occupation*	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
6710-Fence erectors	2.82 (1.04)	10.02 (1.04)	97.18 (0.78)	-10.02 (0.79)
6720-Hazardous materials removal workers	19.80 (2.54)	-12.79 (2.54)	80.20 (3.22)	12.79 (3.22)
6730-Highway maintenance workers	3.64 (0.75)	10.04 (0.76)	96.36 (1.07)	-10.04 (1.07)
6740-Rail-track laying and maintenance equipment operators	1.00 (1.14)	11.22 (1.15)	99.00 (1.77)	-11.22 (1.77)
6765-Other construction and related workers	3.79 (0.86)	9.12 (0.87)	96.21 (0.54)	-9.12 (0.54)

Note: Each onsite construction occupation is sorted into two categories based on the EEO-1 Report: craft workers and laborers and helpers. This classification encompasses all onsite construction occupations except one occupation, construction and building inspectors, which is not assigned to either group but is included in the aggregate.

The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

* Individual onsite construction occupations are listed according to their ACS code.

MOE = margin of error

Source: IPUMS USA

Table C.1b. National Utilization and Percentage Point Gap Estimates by Onsite Construction Occupation and by Race/Ethnicity, 2019

Onsite Construction Occupation*	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
All onsite construction occupations	1.27 (0.05)	1.58 (0.07)	6.00 (0.14)	5.78 (0.18)	0.91 (0.05)	-0.08 (0.05)	54.20 (0.16)	2.36 (0.16)	1.56 (0.06)	0.08 (0.07)	36.07 (0.38)	-9.72 (0.41)
Craft workers	1.15 (0.06)	1.77 (0.07)	5.72 (0.15)	5.46 (0.19)	0.91 (0.06)	-0.10 (0.06)	56.68 (0.06)	1.97 (0.08)	1.49 (0.07)	0.16 (0.07)	34.05 (0.44)	-9.26 (0.46)
Laborers and helpers	1.68 (0.13)	0.94 (0.13)	6.94 (0.30)	5.19 (0.32)	0.91 (0.10)	-0.04 (0.10)	45.65 (0.58)	6.96 (0.59)	1.79 (0.21)	-0.16 (0.22)	43.02 (0.56)	-12.89 (0.60)
6210-Boilermakers	1.66 (1.22)	1.00 (1.22)	8.50 (2.87)	4.74 (2.87)	1.34 (1.04)	-0.53 (1.04)	66.54 (2.22)	-10.66 (2.22)	1.09 (0.73)	0.53 (0.73)	20.87 (4.07)	4.91 (4.08)
6220-Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers	0.67 (0.25)	2.29 (0.26)	7.14 (0.91)	2.89 (0.92)	0.91 (0.29)	-0.10 (0.29)	50.79 (1.81)	7.69 (1.81)	1.40 (0.38)	0.21 (0.38)	39.08 (1.69)	-12.97 (1.70)
6230-Carpenters	1.36 (0.12)	1.73 (0.13)	4.54 (0.25)	5.07 (0.28)	0.88 (0.09)	-0.04 (0.09)	57.43 (0.42)	3.83 (0.44)	1.60 (0.13)	0.07 (0.13)	34.20 (0.74)	-10.67 (0.77)
6240-Carpet, floor, and tile installers and finishers	1.26 (0.30)	1.54 (0.30)	3.51 (0.61)	8.28 (0.62)	0.57 (0.22)	0.27 (0.22)	46.35 (1.40)	7.44 (1.41)	1.04 (0.30)	0.60 (0.30)	47.28 (2.19)	-18.14 (2.19)
6250-Cement masons, concrete finishers, and terrazzo workers	0.08 (0.11)	2.26 (0.13)	9.93 (1.72)	1.43 (1.73)	0.77 (0.44)	0.12 (0.44)	41.63 (1.98)	12.99 (1.98)	1.68 (0.58)	-0.11 (0.58)	45.90 (2.78)	-16.69 (2.79)
6260-Construction laborers	1.75 (0.11)	0.84 (0.12)	6.63 (0.25)	5.45 (0.28)	0.89 (0.07)	-0.01 (0.08)	45.19 (0.36)	7.22 (0.37)	1.54 (0.12)	0.09 (0.13)	44.00 (0.56)	-13.59 (0.60)
6305-Construction equipment operators	0.63 (0.16)	1.90 (0.17)	6.16 (0.47)	4.77 (0.48)	1.62 (0.25)	-0.79 (0.26)	72.52 (0.87)	-14.88 (0.87)	1.26 (0.22)	0.36 (0.22)	17.80 (0.84)	8.64 (0.86)
6330-Drywall installers, ceiling tile installers, and tapers	0.39 (0.18)	2.10 (0.19)	3.10 (0.60)	8.80 (0.61)	1.47 (0.36)	-0.66 (0.36)	31.40 (1.16)	21.39 (1.16)	1.00 (0.28)	0.68 (0.28)	62.64 (2.36)	-32.30 (2.37)
6355-Electricians	1.80 (0.17)	0.96 (0.18)	7.03 (0.32)	1.60 (0.35)	0.80 (0.11)	-0.02 (0.11)	68.98 (0.68)	-3.96 (0.69)	1.79 (0.20)	-0.04 (0.21)	19.60 (0.46)	1.46 (0.50)
6360-Glaziers	1.26 (0.61)	1.09 (0.62)	3.74 (0.97)	7.71 (0.99)	0.41 (0.33)	0.48 (0.33)	66.77 (2.30)	-12.46 (2.30)	1.53 (0.73)	0.05 (0.73)	26.29 (2.77)	3.13 (2.79)
6400-Insulation workers	0.99 (0.54)	1.90 (0.54)	6.49 (1.62)	4.73 (1.62)	0.96 (0.55)	-0.10 (0.55)	47.50 (2.00)	12.02 (2.00)	1.64 (0.69)	0.01 (0.69)	42.42 (3.44)	-18.56 (3.44)

Onsite Construction Occupation*	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
6410-Painters and paperhangers	1.21 (0.17)	1.85 (0.18)	4.90 (0.36)	7.66 (0.39)	0.53 (0.11)	0.26 (0.11)	42.56 (0.50)	14.38 (0.51)	1.54 (0.16)	0.10 (0.16)	49.26 (1.18)	-24.25 (1.20)
6441-Pipelayers, plumbers, pipefitters, and steamfitters	1.08 (0.46)	1.85 (0.46)	6.63 (1.52)	3.23 (1.52)	0.88 (0.40)	-0.10 (0.40)	59.94 (2.46)	-0.61 (2.46)	1.53 (0.60)	0.10 (0.60)	29.94 (2.59)	-4.47 (2.60)
6442-Solar thermal installers and technicians	1.14 (0.17)	1.61 (0.18)	6.77 (0.41)	1.95 (0.44)	0.78 (0.13)	0.03 (0.14)	65.75 (0.68)	-1.68 (0.68)	1.68 (0.20)	0.03 (0.21)	23.88 (0.71)	-1.93 (0.75)
6460-Plasterers and stucco masons	0.14 (0.23)	2.52 (0.24)	4.01 (1.47)	8.67 (1.48)	0.26 (0.21)	0.63 (0.21)	29.60 (3.34)	23.92 (3.35)	0.94 (0.60)	0.75 (0.60)	65.05 (4.42)	-36.51 (4.42)
6515-Roofers	0.67 (0.19)	2.89 (0.20)	4.69 (0.67)	7.51 (0.69)	0.79 (0.22)	-0.05 (0.22)	38.55 (1.15)	17.06 (1.15)	1.35 (0.34)	0.27 (0.34)	53.95 (1.78)	-27.68 (1.79)
6520-Sheet metal workers	2.21 (0.45)	0.81 (0.46)	6.93 (1.09)	6.61 (1.10)	0.56 (0.18)	0.24 (0.18)	71.27 (1.06)	-14.95 (1.06)	1.80 (0.42)	-0.17 (0.42)	17.24 (1.37)	7.46 (1.38)
6530-Structural iron and steel workers	1.04 (0.39)	1.86 (0.39)	6.15 (1.38)	4.25 (1.39)	1.28 (0.48)	-0.48 (0.48)	66.55 (0.72)	-8.13 (0.73)	2.04 (0.62)	-0.45 (0.63)	22.95 (2.42)	2.94 (2.43)
6540-Solar photovoltaic installers	1.35 (1.04)	1.70 (1.04)	8.98 (3.37)	3.65 (3.38)	1.05 (0.95)	-0.26 (0.95)	56.95 (4.63)	-1.99 (4.63)	2.25 (1.29)	-0.62 (1.29)	29.43 (4.18)	-2.48 (4.18)
6600-Helpers, construction trades	1.24 (0.66)	1.68 (0.66)	8.80 (1.89)	3.18 (1.89)	1.01 (0.57)	-0.18 (0.57)	46.71 (2.48)	7.55 (2.48)	3.57 (1.55)	-1.92 (1.55)	38.67 (3.12)	-10.32 (3.12)
6660-Construction and building inspectors	2.93 (0.45)	0.02 (0.46)	7.72 (1.10)	-0.09 (1.12)	0.65 (0.27)	0.12 (0.28)	74.41 (1.24)	-4.87 (1.26)	2.09 (0.46)	-0.02 (0.47)	12.18 (1.03)	4.84 (1.07)
6700-Elevator and escalator installers and repairers	1.77 (0.78)	0.99 (0.78)	5.89 (1.87)	2.88 (1.88)	0.61 (0.46)	0.22 (0.46)	74.81 (2.29)	-10.36 (2.29)	2.02 (0.99)	-0.33 (0.99)	14.90 (2.79)	6.60 (2.80)
6710-Fence erectors	0.63 (0.44)	2.55 (0.44)	5.22 (1.73)	8.24 (1.73)	1.37 (0.72)	-0.58 (0.72)	54.14 (3.11)	1.81 (3.11)	1.68 (0.98)	-0.06 (0.99)	36.97 (4.27)	-11.95 (4.28)
6720-Hazardous materials removal workers	2.61 (1.07)	0.11 (1.07)	15.15 (2.55)	-6.71 (2.55)	0.49 (0.31)	0.34 (0.31)	50.85 (3.14)	13.46 (3.14)	2.24 (0.94)	-0.55 (0.94)	28.65 (2.74)	-6.64 (2.75)
6730-Highway maintenance workers	0.59 (0.27)	2.19 (0.28)	10.14 (1.38)	2.43 (1.39)	1.20 (0.32)	-0.32 (0.32)	73.32 (0.84)	-17.86 (0.85)	1.14 (0.39)	0.44 (0.39)	13.61 (1.36)	13.12 (1.37)
6740-Rail-track laying and maintenance equipment operators	0.59 (0.67)	2.07 (0.67)	17.13 (4.77)	-4.50 (4.78)	1.42 (1.06)	-0.51 (1.06)	63.23 (4.88)	-5.48 (4.88)	1.83 (1.48)	-0.21 (1.48)	15.80 (5.90)	8.63 (5.90)
6765-Other construction and related workers	1.52 (0.50)	1.24 (0.51)	8.71 (1.65)	3.86 (1.66)	1.19 (0.53)	-0.34 (0.53)	56.72 (2.04)	-2.78 (2.04)	2.08 (0.67)	-0.49 (0.68)	29.79 (1.96)	-1.50 (1.97)

Note: Each onsite construction occupation is sorted into two categories based on the EEO-1 Report: craft workers and laborers and helpers. This classification encompasses all onsite construction occupations except one occupation, construction and building inspectors, which is not assigned to either group but is included in the aggregate. The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS. Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction. Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

* Individual onsite construction occupations are listed according to their ACS Census code.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

State Estimates of Utilization and Percentage Point Gaps by Aggregate Onsite Construction Occupation Group

Table C.2a. State-Level Utilization and Percentage Point Gap Estimates for All Onsite Construction Occupations by Sex, 2019

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Alabama	3.93 (0.86)	9.69 (1.17)	96.07 (1.19)	-9.69 (1.24)
Alaska	3.11 (1.39)	5.18 (2.22)	96.89 (2.26)	-5.18 (2.99)
Arizona	3.24 (0.58)	7.09 (0.77)	96.76 (0.46)	-7.09 (0.77)
Arkansas	3.89 (0.98)	9.99 (1.20)	96.11 (1.06)	-9.99 (1.29)
California	2.37 (0.25)	9.73 (0.37)	97.63 (0.20)	-9.73 (0.23)
Colorado	3.51 (0.64)	6.60 (0.88)	96.49 (1.23)	-6.60 (1.43)
Connecticut	2.76 (0.68)	8.92 (1.01)	97.24 (1.48)	-8.92 (1.55)
Delaware	2.39 (1.69)	8.60 (2.20)	97.61 (2.82)	-8.60 (3.34)
District of Columbia	6.23 (6.93)	6.76 (7.75)	93.77 (6.64)	-6.76 (7.53)
Florida	3.87 (0.39)	5.92 (0.50)	96.13 (0.43)	-5.92 (0.45)
Georgia	4.16 (0.63)	9.74 (0.78)	95.84 (0.82)	-9.74 (0.91)
Hawaii	1.97 (0.92)	5.91 (1.26)	98.03 (1.74)	-5.91 (2.06)
Idaho	3.14 (1.27)	8.01 (1.71)	96.86 (0.61)	-8.01 (1.14)
Illinois	3.37 (0.45)	10.70 (0.66)	96.63 (0.37)	-10.70 (0.40)
Indiana	3.38 (0.59)	13.29 (0.90)	96.62 (1.05)	-13.29 (1.12)
Iowa	3.10 (0.77)	10.75 (1.03)	96.90 (0.93)	-10.75 (1.21)
Kansas	2.95 (0.96)	9.71 (1.34)	97.05 (0.40)	-9.71 (0.63)
Kentucky	2.80 (0.68)	12.42 (0.94)	97.20 (1.49)	-12.42 (1.67)
Louisiana	4.10 (1.01)	3.74 (1.24)	95.90 (0.61)	-3.74 (0.86)
Maine	2.65 (1.20)	6.92 (1.80)	97.35 (0.80)	-6.92 (1.10)
Maryland	2.60 (0.44)	6.31 (0.74)	97.40 (0.27)	-6.31 (0.49)
Massachusetts	2.97 (0.68)	9.00 (0.92)	97.03 (0.36)	-9.00 (0.49)
Michigan	4.12 (0.71)	11.85 (0.90)	95.88 (1.00)	-11.85 (1.00)
Minnesota	3.31 (0.75)	9.96 (1.02)	96.69 (0.64)	-9.96 (0.74)

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Mississippi	5.00 (1.61)	9.14 (1.80)	95.00 (1.56)	-9.14 (1.60)
Missouri	3.33 (0.57)	9.78 (0.80)	96.67 (0.72)	-9.78 (0.84)
Montana	3.23 (1.46)	5.47 (1.84)	96.77 (1.51)	-5.47 (1.90)
Nebraska	2.85 (1.19)	10.07 (1.49)	97.15 (1.03)	-10.07 (1.42)
Nevada	3.43 (0.90)	7.77 (1.24)	96.57 (0.33)	-7.77 (0.54)
New Hampshire	2.57 (0.96)	11.91 (1.60)	97.43 (1.39)	-11.91 (1.96)
New Jersey	2.22 (0.47)	10.11 (0.73)	97.78 (0.33)	-10.11 (0.38)
New Mexico	2.82 (1.07)	5.08 (1.46)	97.18 (1.19)	-5.08 (1.89)
New York	2.72 (0.37)	6.53 (0.50)	97.28 (0.28)	-6.53 (0.48)
North Carolina	4.25 (0.60)	9.67 (0.75)	95.75 (0.43)	-9.67 (0.63)
North Dakota	4.35 (2.16)	4.80 (2.52)	95.65 (2.55)	-4.80 (2.62)
Ohio	3.66 (0.58)	11.58 (0.76)	96.34 (0.41)	-11.58 (0.53)
Oklahoma	4.01 (1.17)	5.30 (1.38)	95.99 (0.74)	-5.30 (0.86)
Oregon	3.64 (0.91)	7.58 (1.11)	96.36 (0.97)	-7.58 (1.19)
Pennsylvania	2.99 (0.55)	8.89 (0.71)	97.01 (0.46)	-8.89 (0.46)
Rhode Island	2.47 (0.95)	10.99 (1.94)	97.53 (1.74)	-10.99 (2.12)
South Carolina	4.39 (0.94)	10.56 (1.17)	95.61 (1.43)	-10.56 (1.56)
South Dakota	4.55 (2.56)	7.82 (3.14)	95.45 (1.19)	-7.82 (1.64)
Tennessee	4.20 (0.73)	11.51 (0.98)	95.80 (0.79)	-11.51 (0.84)
Texas	2.93 (0.27)	6.22 (0.38)	97.07 (0.34)	-6.22 (0.40)
Utah	3.76 (1.31)	9.46 (1.57)	96.24 (0.79)	-9.46 (1.03)
Vermont	5.54 (2.37)	6.37 (3.09)	94.46 (3.00)	-6.37 (3.33)
Virginia	3.61 (0.55)	7.91 (0.79)	96.39 (0.49)	-7.91 (0.65)
Washington	3.98 (0.62)	7.58 (0.77)	96.02 (0.63)	-7.58 (0.68)
West Virginia	3.41 (1.37)	3.85 (1.61)	96.59 (1.34)	-3.85 (1.44)
Wisconsin	3.05 (0.62)	12.11 (0.87)	96.95 (0.94)	-12.11 (1.08)
Wyoming	5.27 (2.34)	2.63 (2.73)	94.73 (2.18)	-2.63 (2.61)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction. Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#). Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.
MOE = margin of error
Source: IPUMS USA

Table C.2b. State-Level Utilization and Percentage Point Gap Estimates for All Onsite Construction Occupations by Race/Ethnicity, 2019

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Alabama	0.19 (0.15)	0.49 (0.23)	16.11 (1.43)	13.47 (1.72)	0.95 (0.46)	-0.31 (0.49)	64.86 (1.71)	-3.62 (1.82)	1.87 (1.52)	-0.69 (1.54)	16.03 (1.82)	-9.34 (1.88)
Alaska	2.63 (1.89)	3.95 (2.28)	1.03 (1.15)	2.57 (1.78)	17.00 (4.26)	-3.18 (4.64)	64.88 (6.27)	-2.29 (6.78)	7.02 (2.64)	-1.24 (3.09)	7.44 (3.18)	0.19 (3.84)
Arizona	0.37 (0.17)	1.14 (0.27)	1.68 (0.52)	2.04 (0.61)	4.32 (0.61)	-0.71 (0.67)	33.68 (1.39)	6.81 (1.62)	1.10 (0.51)	0.28 (0.58)	58.85 (1.95)	-9.55 (2.19)
Arkansas	0.25 (0.29)	0.87 (0.36)	6.15 (1.59)	8.94 (1.78)	0.45 (0.33)	0.90 (0.46)	69.78 (1.90)	-2.40 (2.11)	2.12 (0.89)	-0.51 (0.93)	21.26 (2.46)	-7.79 (2.55)
California	3.11 (0.21)	4.43 (0.29)	2.06 (0.21)	1.69 (0.28)	0.72 (0.14)	-0.02 (0.15)	27.19 (0.62)	-3.21 (0.69)	1.32 (0.15)	0.31 (0.18)	65.59 (0.70)	-3.19 (0.76)
Colorado	0.44 (0.20)	1.80 (0.34)	1.44 (0.44)	2.12 (0.57)	0.49 (0.22)	0.37 (0.27)	48.53 (1.11)	8.40 (1.38)	1.21 (0.38)	0.50 (0.47)	47.89 (2.27)	-13.18 (2.43)
Connecticut	0.54 (0.31)	1.70 (0.48)	5.43 (1.11)	3.99 (1.40)	0.05 (0.07)	0.06 (0.08)	62.23 (1.66)	-0.86 (1.92)	3.24 (1.39)	-1.21 (1.45)	28.51 (2.63)	-3.67 (2.90)
Delaware	1.56 (1.23)	-0.66 (1.29)	9.13 (3.05)	11.36 (3.59)	0.58 (0.59)	-0.11 (0.65)	64.86 (5.09)	-5.12 (5.37)	0.89 (0.85)	0.76 (1.13)	22.98 (4.26)	-6.21 (4.62)
District of Columbia	0.34 (0.62)	-0.09 (0.68)	40.62 (2.41)	24.18 (6.08)	1.12 (1.40)	-0.66 (1.52)	15.42 (8.76)	-4.60 (9.25)	1.20 (1.30)	-0.15 (1.52)	41.30 (10.34)	-18.67 (11.30)
Florida	0.45 (0.11)	0.73 (0.14)	10.19 (0.77)	4.57 (0.85)	0.21 (0.09)	0.07 (0.10)	41.77 (1.13)	2.19 (1.25)	1.39 (0.26)	-0.07 (0.29)	45.99 (1.11)	-7.49 (1.26)
Georgia	0.80 (0.22)	1.27 (0.28)	15.25 (1.35)	18.04 (1.47)	0.32 (0.18)	-0.09 (0.19)	46.16 (1.39)	-0.61 (1.51)	1.02 (0.32)	0.19 (0.35)	36.45 (1.53)	-18.80 (1.60)
Hawaii	29.23 (2.54)	3.44 (3.12)	0.93 (0.62)	1.02 (0.87)	12.64 (2.42)	-0.14 (2.63)	18.49 (2.71)	0.00 (3.13)	27.34 (3.40)	-3.80 (3.79)	11.38 (3.20)	-0.52 (3.43)
Idaho	0.53 (0.49)	0.17 (0.57)	0.12 (0.20)	0.45 (0.33)	1.35 (0.79)	-0.16 (0.86)	78.22 (3.56)	-1.27 (3.94)	1.36 (0.72)	0.33 (0.82)	18.42 (2.96)	0.47 (3.10)
Illinois	0.92 (0.27)	1.36 (0.32)	4.29 (0.49)	6.21 (0.67)	0.04 (0.04)	0.10 (0.07)	65.37 (0.36)	-8.67 (0.59)	0.85 (0.24)	0.33 (0.28)	28.54 (1.46)	0.66 (1.62)
Indiana	0.36 (0.19)	1.03 (0.30)	2.73 (0.62)	5.22 (0.80)	0.30 (0.18)	0.01 (0.20)	81.21 (1.47)	-2.17 (1.52)	0.72 (0.25)	0.66 (0.32)	14.68 (1.45)	-4.75 (1.51)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Iowa	0.24 (0.22)	1.97 (0.42)	1.41 (0.78)	2.87 (0.99)	0.15 (0.14)	0.25 (0.19)	86.40 (1.38)	-3.58 (1.53)	0.79 (0.59)	0.27 (0.65)	11.01 (1.78)	-1.77 (1.89)
Kansas	0.67 (0.55)	2.47 (0.78)	2.62 (0.85)	2.98 (1.03)	1.07 (0.49)	-0.21 (0.54)	67.03 (2.39)	1.66 (2.66)	1.21 (0.45)	0.73 (0.58)	27.39 (2.87)	-7.64 (3.00)
Kentucky	0.15 (0.12)	0.68 (0.22)	3.93 (1.02)	5.54 (1.23)	0.15 (0.25)	0.06 (0.27)	85.19 (0.83)	-3.02 (0.87)	1.69 (0.92)	-0.30 (0.96)	8.89 (1.73)	-2.97 (1.77)
Louisiana	0.91 (0.61)	0.38 (0.66)	20.68 (1.54)	9.18 (1.85)	0.70 (0.44)	0.06 (0.47)	54.71 (1.51)	3.36 (1.65)	1.35 (0.42)	-0.06 (0.48)	21.65 (2.00)	-12.92 (2.08)
Maine	0.47 (0.48)	0.68 (0.73)	0.17 (0.20)	0.70 (0.38)	0.67 (0.41)	0.01 (0.52)	96.71 (2.34)	-1.82 (2.45)	1.37 (0.72)	-0.09 (0.81)	0.61 (0.47)	0.51 (0.63)
Maryland	1.18 (0.31)	1.56 (0.47)	14.02 (1.64)	13.21 (1.97)	0.20 (0.12)	0.01 (0.15)	41.95 (1.60)	4.33 (1.77)	1.37 (0.41)	0.34 (0.48)	41.28 (1.53)	-19.45 (1.67)
Massachusetts	1.92 (0.45)	2.52 (0.60)	3.92 (0.67)	2.00 (0.83)	0.27 (0.30)	0.02 (0.32)	76.64 (1.44)	-7.70 (1.51)	2.96 (0.65)	-0.19 (0.72)	14.30 (1.68)	3.34 (1.86)
Michigan	0.11 (0.08)	1.47 (0.21)	5.01 (0.68)	8.62 (0.84)	0.73 (0.26)	-0.22 (0.28)	82.73 (1.76)	-7.69 (1.77)	1.61 (0.45)	0.18 (0.49)	9.82 (1.05)	-2.36 (1.10)
Minnesota	0.74 (0.28)	4.22 (0.48)	1.70 (0.68)	3.72 (0.95)	0.81 (0.31)	-0.26 (0.32)	86.80 (1.77)	-6.85 (1.77)	1.66 (0.60)	-0.19 (0.64)	8.28 (1.42)	-0.64 (1.55)
Mississippi	0.40 (0.61)	-0.08 (0.62)	25.72 (2.57)	16.74 (2.89)	0.51 (0.38)	-0.22 (0.39)	62.29 (2.88)	-10.42 (3.02)	0.40 (0.31)	0.33 (0.38)	10.68 (1.78)	-6.33 (1.84)
Missouri	0.44 (0.30)	0.64 (0.34)	5.32 (1.12)	4.42 (1.29)	0.74 (0.32)	-0.12 (0.35)	84.74 (1.31)	-3.57 (1.32)	1.28 (0.48)	0.32 (0.53)	7.48 (0.99)	-1.69 (1.06)
Montana	0.19 (0.37)	-0.09 (0.39)	0.49 (0.51)	-0.15 (0.56)	5.00 (1.64)	-0.83 (1.85)	88.45 (4.33)	1.83 (4.47)	1.57 (1.07)	0.40 (1.26)	4.31 (1.81)	-1.16 (2.00)
Nebraska	0.18 (0.25)	2.15 (0.52)	2.35 (1.12)	2.80 (1.37)	0.66 (0.46)	-0.04 (0.52)	71.47 (1.87)	1.19 (2.10)	1.62 (1.20)	-0.01 (1.27)	23.72 (3.86)	-6.08 (3.99)
Nevada	1.16 (0.45)	1.86 (0.67)	2.66 (0.78)	3.04 (1.11)	0.82 (0.31)	0.80 (0.44)	36.83 (2.20)	7.33 (2.73)	1.60 (0.67)	0.69 (0.81)	56.93 (4.41)	-13.71 (4.67)
New Hampshire	0.42 (0.45)	1.77 (0.74)	0.84 (0.62)	0.74 (0.79)	0.17 (0.24)	-0.01 (0.27)	93.89 (2.05)	-4.19 (2.34)	1.03 (0.64)	0.28 (0.80)	3.65 (1.25)	1.40 (1.43)
New Jersey	0.98 (0.25)	2.66 (0.41)	4.56 (0.65)	7.47 (0.89)	0.17 (0.10)	-0.06 (0.11)	56.85 (1.19)	-13.15 (1.33)	1.66 (0.42)	-0.09 (0.48)	35.78 (1.99)	3.17 (2.16)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
New Mexico	-	-	0.77 (0.48)	1.01 (0.66)	9.80 (1.68)	-1.17 (1.91)	21.94 (2.53)	6.85 (2.98)	0.46 (0.34)	0.61 (0.55)	67.03 (4.24)	-7.86 (4.63)
New York	4.02 (0.48)	0.99 (0.54)	9.25 (0.52)	1.44 (0.67)	0.21 (0.11)	0.07 (0.12)	54.95 (0.82)	2.59 (0.95)	2.06 (0.28)	-0.13 (0.33)	29.51 (1.32)	-4.95 (1.44)
North Carolina	0.50 (0.21)	1.40 (0.26)	10.35 (0.95)	13.34 (1.13)	2.34 (0.43)	-0.93 (0.44)	50.91 (1.02)	3.79 (1.21)	1.09 (0.35)	0.37 (0.40)	34.81 (1.36)	-17.97 (1.44)
North Dakota	0.80 (0.72)	0.23 (1.05)	3.52 (2.69)	0.88 (2.96)	6.43 (2.69)	-3.38 (2.82)	81.54 (2.30)	2.10 (2.95)	1.20 (0.71)	1.00 (0.91)	6.49 (2.90)	-0.83 (3.05)
Ohio	0.29 (0.15)	1.02 (0.22)	5.48 (0.67)	5.49 (0.81)	0.10 (0.06)	0.10 (0.11)	86.36 (0.63)	-4.93 (0.74)	1.59 (0.41)	-0.15 (0.43)	6.19 (0.80)	-1.53 (0.83)
Oklahoma	0.29 (0.26)	1.56 (0.41)	4.23 (1.19)	1.87 (1.37)	6.89 (0.99)	0.83 (1.10)	53.70 (1.92)	7.79 (2.17)	5.34 (1.20)	0.27 (1.28)	29.55 (2.24)	-12.32 (2.35)
Oregon	0.91 (0.48)	2.14 (0.71)	0.94 (0.37)	0.37 (0.44)	1.06 (0.43)	0.38 (0.48)	72.90 (2.03)	-2.03 (2.04)	2.53 (0.61)	-0.09 (0.71)	21.67 (2.36)	-0.76 (2.50)
Pennsylvania	0.52 (0.17)	1.70 (0.25)	5.12 (0.84)	2.16 (0.92)	0.12 (0.07)	0.02 (0.09)	84.69 (0.89)	-5.53 (0.94)	1.26 (0.31)	-0.03 (0.35)	8.29 (1.35)	1.67 (1.41)
Rhode Island	0.77 (0.62)	1.71 (0.95)	3.35 (2.09)	2.36 (2.41)	0.30 (0.25)	-0.05 (0.31)	79.09 (2.12)	-14.73 (2.63)	0.98 (0.60)	0.43 (0.79)	15.51 (4.09)	10.28 (4.60)
South Carolina	0.28 (0.15)	0.68 (0.25)	16.28 (1.96)	17.60 (2.21)	0.25 (0.16)	0.07 (0.18)	57.50 (1.68)	-3.26 (1.77)	1.17 (0.57)	0.05 (0.61)	24.51 (1.76)	-15.14 (1.83)
South Dakota	0.28 (0.52)	1.89 (1.03)	1.75 (1.05)	2.60 (1.47)	3.92 (1.41)	0.41 (1.70)	84.86 (2.14)	-2.56 (2.95)	1.94 (1.30)	-0.50 (1.42)	7.25 (3.78)	-1.83 (3.97)
Tennessee	0.20 (0.15)	0.84 (0.22)	7.13 (1.14)	10.86 (1.34)	0.26 (0.15)	0.08 (0.18)	67.54 (0.48)	2.78 (0.91)	1.11 (0.40)	0.12 (0.45)	23.75 (1.67)	-14.69 (1.72)
Texas	0.52 (0.08)	1.44 (0.13)	3.93 (0.39)	7.24 (0.50)	0.18 (0.06)	0.10 (0.07)	21.38 (0.57)	8.66 (0.65)	0.53 (0.14)	0.33 (0.16)	73.47 (0.87)	-17.77 (0.95)
Utah	0.53 (0.34)	1.62 (0.48)	0.48 (0.34)	0.50 (0.42)	2.66 (0.71)	-0.17 (0.78)	62.47 (1.57)	5.12 (2.08)	1.19 (0.50)	0.59 (0.62)	32.68 (3.20)	-7.66 (3.35)
Vermont	1.41 (1.14)	1.02 (1.71)	0.72 (0.81)	0.23 (1.00)	0.40 (0.90)	-0.22 (0.93)	94.89 (1.01)	-0.81 (1.70)	1.57 (0.97)	-0.30 (1.10)	1.01 (1.02)	0.08 (1.13)
Virginia	1.71 (0.34)	0.97 (0.44)	11.57 (1.18)	9.77 (1.38)	0.27 (0.16)	0.01 (0.19)	51.35 (1.11)	5.94 (1.19)	1.31 (0.41)	0.50 (0.46)	33.80 (2.03)	-17.18 (2.14)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Washington	2.39 (0.56)	2.94 (0.69)	1.82 (0.48)	1.53 (0.58)	1.25 (0.31)	0.73 (0.40)	68.26 (1.35)	-2.68 (1.57)	3.37 (0.47)	0.38 (0.59)	22.91 (1.53)	-2.89 (1.68)
West Virginia	0.03 (0.05)	0.13 (0.11)	1.04 (0.48)	1.19 (0.71)	0.33 (0.45)	-0.21 (0.47)	96.38 (0.52)	-0.83 (1.15)	0.70 (0.38)	0.04 (0.50)	1.52 (1.03)	-0.32 (1.08)
Wisconsin	0.33 (0.18)	2.10 (0.34)	2.23 (0.88)	3.00 (1.02)	1.16 (0.45)	-0.41 (0.47)	87.58 (0.88)	-6.06 (1.00)	1.09 (0.33)	0.05 (0.37)	7.61 (1.30)	1.33 (1.37)
Wyoming	0.18 (0.17)	-0.02 (0.25)	0.53 (0.91)	0.03 (1.03)	3.31 (2.36)	-1.72 (2.50)	81.32 (3.85)	4.00 (4.39)	1.40 (2.21)	0.52 (2.38)	13.26 (3.75)	-2.80 (4.05)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

Table C.3a. State-Level Utilization and Percentage Point Gap Estimates for Craft Workers by Sex, 2019

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Alabama	4.19 (1.06)	9.85 (1.35)	95.81 (1.25)	-9.85 (1.42)
Alaska	3.29 (1.64)	3.30 (2.17)	96.71 (3.08)	-3.30 (3.71)
Arizona	3.17 (0.71)	6.93 (0.90)	96.83 (0.64)	-6.93 (0.83)
Arkansas	3.82 (1.17)	8.90 (1.38)	96.18 (0.99)	-8.90 (1.21)
California	2.37 (0.27)	8.96 (0.39)	97.63 (0.33)	-8.96 (0.37)
Colorado	3.66 (0.73)	5.81 (0.95)	96.34 (1.26)	-5.81 (1.30)
Connecticut	2.48 (0.66)	9.08 (1.06)	97.52 (1.43)	-9.08 (1.69)
Delaware	2.89 (2.15)	6.20 (2.48)	97.11 (2.88)	-6.20 (3.19)
District of Columbia	1.50 (1.27)	11.39 (4.14)	98.50 (3.19)	-11.39 (5.04)
Florida	3.84 (0.49)	5.54 (0.58)	96.16 (0.50)	-5.54 (0.51)
Georgia	4.26 (0.74)	8.76 (0.87)	95.74 (0.44)	-8.76 (0.56)
Hawaii	1.80 (1.05)	4.52 (1.34)	98.20 (2.29)	-4.52 (2.67)
Idaho	2.91 (1.44)	6.91 (1.81)	97.09 (1.57)	-6.91 (1.91)
Illinois	3.26 (0.57)	10.26 (0.78)	96.74 (0.56)	-10.26 (0.65)
Indiana	3.20 (0.69)	13.35 (0.96)	96.80 (0.95)	-13.35 (1.02)
Iowa	2.88 (0.89)	9.84 (1.15)	97.12 (1.26)	-9.84 (1.58)
Kansas	2.70 (1.03)	8.91 (1.44)	97.30 (0.48)	-8.91 (0.71)
Kentucky	2.83 (0.81)	11.89 (1.05)	97.17 (1.59)	-11.89 (1.73)
Louisiana	4.01 (0.95)	2.86 (1.11)	95.99 (0.76)	-2.86 (0.83)
Maine	2.22 (1.08)	6.14 (1.68)	97.78 (1.06)	-6.14 (1.40)
Maryland	2.29 (0.48)	5.56 (0.72)	97.71 (0.33)	-5.56 (0.52)
Massachusetts	2.55 (0.67)	8.73 (0.93)	97.45 (0.68)	-8.73 (0.72)
Michigan	3.93 (0.67)	12.73 (0.93)	96.07 (0.94)	-12.73 (0.96)
Minnesota	3.41 (0.89)	9.70 (1.20)	96.59 (0.80)	-9.70 (0.85)
Mississippi	4.91 (1.56)	9.02 (1.78)	95.09 (1.70)	-9.02 (1.79)
Missouri	2.94 (0.65)	9.77 (0.88)	97.06 (0.64)	-9.77 (0.82)
Montana	3.06 (1.77)	4.84 (2.13)	96.94 (0.95)	-4.84 (1.51)

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Nebraska	2.28 (0.82)	9.68 (1.26)	97.72 (1.53)	-9.68 (1.72)
Nevada	3.05 (1.05)	7.63 (1.34)	96.95 (1.64)	-7.63 (1.64)
New Hampshire	1.97 (0.89)	11.74 (1.65)	98.03 (1.61)	-11.74 (2.11)
New Jersey	2.40 (0.65)	8.23 (0.86)	97.60 (0.38)	-8.23 (0.47)
New Mexico	2.64 (1.09)	4.57 (1.40)	97.36 (2.23)	-4.57 (2.63)
New York	2.63 (0.37)	6.14 (0.51)	97.37 (0.37)	-6.14 (0.40)
North Carolina	4.24 (0.66)	8.95 (0.81)	95.76 (0.50)	-8.95 (0.72)
North Dakota	4.51 (2.51)	4.40 (2.94)	95.49 (2.60)	-4.40 (2.78)
Ohio	3.71 (0.68)	11.21 (0.85)	96.29 (0.46)	-11.21 (0.59)
Oklahoma	3.39 (1.02)	5.31 (1.27)	96.61 (1.20)	-5.31 (1.35)
Oregon	3.30 (0.94)	7.16 (1.15)	96.70 (0.73)	-7.16 (1.05)
Pennsylvania	2.74 (0.62)	8.07 (0.77)	97.26 (0.91)	-8.07 (0.96)
Rhode Island	2.44 (1.12)	10.80 (2.15)	97.56 (2.40)	-10.80 (2.86)
South Carolina	4.58 (1.09)	10.51 (1.31)	95.42 (1.47)	-10.51 (1.58)
South Dakota	5.50 (3.29)	5.74 (3.69)	94.50 (0.47)	-5.74 (0.55)
Tennessee	3.85 (0.76)	11.45 (1.02)	96.15 (0.61)	-11.45 (0.73)
Texas	2.73 (0.30)	5.84 (0.41)	97.27 (0.55)	-5.84 (0.56)
Utah	3.82 (1.56)	8.99 (1.78)	96.18 (1.08)	-8.99 (1.18)
Vermont	6.51 (2.91)	4.19 (3.53)	93.49 (2.26)	-4.19 (2.73)
Virginia	3.39 (0.60)	7.46 (0.80)	96.61 (0.10)	-7.46 (0.36)
Washington	3.68 (0.65)	6.63 (0.78)	96.32 (0.78)	-6.63 (0.79)
West Virginia	2.56 (1.24)	3.87 (1.46)	97.44 (1.02)	-3.87 (1.30)
Wisconsin	3.27 (0.75)	11.39 (1.07)	96.73 (1.08)	-11.39 (1.13)
Wyoming	5.70 (2.96)	1.57 (3.29)	94.30 (3.30)	-1.57 (3.59)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

MOE = margin of error

Source: IPUMS USA

Table C.3b. State-Level Utilization and Percentage Point Gap Estimates for Craft Workers by Race/Ethnicity, 2019

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Alabama	0.19 (0.17)	0.44 (0.25)	15.39 (1.71)	13.19 (2.00)	1.03 (0.58)	-0.36 (0.60)	66.25 (2.50)	-3.77 (2.59)	0.85 (0.40)	0.29 (0.49)	16.29 (2.18)	-9.79 (2.23)
Alaska	2.90 (2.15)	2.17 (2.40)	1.12 (1.30)	1.98 (1.73)	16.36 (4.77)	-4.30 (5.04)	66.17 (6.17)	0.65 (6.95)	6.27 (2.71)	-0.08 (3.40)	7.18 (3.44)	-0.42 (3.91)
Arizona	0.30 (0.19)	1.32 (0.30)	1.73 (0.65)	1.83 (0.72)	4.52 (0.70)	-0.89 (0.76)	34.04 (1.66)	8.20 (1.89)	0.88 (0.32)	0.54 (0.42)	58.53 (2.77)	-11.00 (2.93)
Arkansas	0.27 (0.36)	0.79 (0.44)	5.65 (1.83)	8.52 (1.99)	0.44 (0.38)	0.82 (0.48)	71.95 (1.92)	-2.17 (2.08)	2.28 (1.08)	-0.67 (1.12)	19.40 (3.00)	-7.28 (3.07)
California	3.04 (0.23)	5.18 (0.32)	2.18 (0.30)	1.51 (0.34)	0.77 (0.17)	-0.03 (0.18)	29.71 (0.70)	-3.39 (0.77)	1.39 (0.19)	0.34 (0.22)	62.91 (1.07)	-3.61 (1.11)
Colorado	0.42 (0.23)	1.90 (0.37)	1.49 (0.50)	1.92 (0.64)	0.51 (0.26)	0.34 (0.31)	49.85 (1.11)	8.45 (1.32)	1.16 (0.48)	0.57 (0.55)	46.57 (2.62)	-13.19 (2.76)
Connecticut	0.46 (0.33)	2.10 (0.60)	5.13 (1.23)	2.93 (1.46)	0.05 (0.08)	0.07 (0.10)	64.47 (1.46)	0.08 (1.74)	2.95 (1.23)	-0.75 (1.33)	26.95 (3.08)	-4.43 (3.37)
Delaware	1.57 (1.55)	-0.68 (1.59)	9.03 (3.58)	9.67 (4.12)	0.29 (0.42)	0.15 (0.56)	65.66 (4.43)	-1.59 (4.60)	0.58 (0.82)	0.90 (1.08)	22.86 (5.14)	-8.45 (5.36)
District of Columbia	0.56 (1.02)	-0.19 (1.09)	39.20 (4.14)	22.09 (7.69)	1.44 (1.87)	-1.07 (1.93)	11.60 (5.88)	0.88 (6.80)	1.24 (1.80)	-0.21 (2.01)	45.96 (15.41)	-21.49 (16.37)
Florida	0.45 (0.13)	0.76 (0.16)	9.33 (0.65)	4.61 (0.74)	0.20 (0.08)	0.09 (0.10)	44.38 (1.41)	1.85 (1.51)	1.41 (0.28)	-0.05 (0.31)	44.24 (1.28)	-7.26 (1.41)
Georgia	0.76 (0.24)	1.34 (0.31)	15.18 (1.53)	16.46 (1.65)	0.27 (0.20)	-0.04 (0.21)	47.67 (1.69)	0.12 (1.81)	1.04 (0.37)	0.18 (0.40)	35.08 (1.94)	-18.06 (1.99)
Hawaii	29.39 (2.84)	2.81 (3.33)	1.12 (0.79)	1.27 (1.08)	12.58 (2.77)	-1.38 (2.96)	18.55 (2.84)	2.02 (3.32)	25.52 (3.33)	-2.37 (3.72)	12.83 (3.92)	-2.36 (4.10)
Idaho	0.65 (0.59)	0.13 (0.68)	0.07 (0.17)	0.51 (0.30)	1.49 (0.96)	-0.24 (1.01)	77.71 (3.97)	0.47 (4.27)	1.32 (0.77)	0.50 (0.90)	18.76 (3.58)	-1.37 (3.70)
Illinois	0.95 (0.32)	1.35 (0.38)	3.73 (0.54)	6.04 (0.72)	0.05 (0.05)	0.09 (0.08)	68.75 (0.50)	-9.64 (0.67)	0.83 (0.24)	0.38 (0.29)	25.69 (1.79)	1.78 (1.93)
Indiana	0.28 (0.19)	1.01 (0.32)	2.37 (0.70)	4.99 (0.88)	0.31 (0.22)	0.01 (0.24)	81.89 (1.53)	-1.79 (1.55)	0.74 (0.26)	0.61 (0.34)	14.41 (1.77)	-4.84 (1.82)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Iowa	0.26 (0.26)	1.65 (0.41)	1.27 (0.89)	2.60 (1.07)	0.09 (0.07)	0.25 (0.13)	87.42 (1.49)	-2.62 (1.69)	0.79 (0.65)	0.13 (0.69)	10.18 (2.29)	-2.00 (2.40)
Kansas	0.83 (0.67)	2.26 (0.88)	2.32 (0.99)	3.34 (1.18)	1.08 (0.56)	-0.24 (0.60)	67.95 (2.48)	2.03 (2.66)	1.26 (0.52)	0.61 (0.64)	26.56 (3.33)	-8.00 (3.47)
Kentucky	0.11 (0.10)	0.60 (0.20)	4.21 (1.21)	4.82 (1.39)	0.18 (0.31)	0.02 (0.32)	85.32 (0.64)	-1.99 (0.85)	1.72 (1.05)	-0.41 (1.08)	8.46 (1.86)	-3.04 (1.90)
Louisiana	0.36 (0.23)	0.80 (0.33)	19.33 (1.65)	7.36 (1.92)	0.70 (0.57)	0.12 (0.60)	57.54 (1.78)	4.27 (1.94)	1.42 (0.49)	-0.13 (0.54)	20.64 (2.27)	-12.42 (2.36)
Maine	0.47 (0.55)	0.58 (0.80)	0.13 (0.13)	0.59 (0.35)	0.71 (0.50)	-0.20 (0.55)	96.82 (2.62)	-1.14 (2.72)	1.21 (0.84)	-0.06 (0.94)	0.65 (0.56)	0.22 (0.66)
Maryland	1.21 (0.33)	1.42 (0.48)	14.35 (1.81)	10.64 (2.09)	0.20 (0.15)	0.02 (0.19)	42.32 (1.61)	6.94 (1.78)	1.38 (0.46)	0.31 (0.52)	40.54 (2.05)	-19.33 (2.19)
Massachusetts	1.76 (0.44)	3.06 (0.66)	3.49 (0.77)	1.70 (0.91)	0.06 (0.07)	0.21 (0.13)	78.57 (1.54)	-7.14 (1.58)	2.95 (0.78)	-0.34 (0.85)	13.17 (2.06)	2.51 (2.25)
Michigan	0.12 (0.10)	1.54 (0.25)	4.35 (0.69)	9.69 (0.92)	0.77 (0.30)	-0.22 (0.33)	83.34 (1.76)	-8.36 (1.76)	1.48 (0.49)	0.32 (0.53)	9.94 (1.34)	-2.97 (1.39)
Minnesota	0.73 (0.31)	4.45 (0.57)	1.66 (0.76)	3.60 (1.01)	0.80 (0.35)	-0.24 (0.36)	87.50 (1.85)	-6.88 (1.89)	1.51 (0.56)	-0.06 (0.62)	7.79 (1.65)	-0.89 (1.76)
Mississippi	0.10 (0.11)	0.18 (0.16)	25.03 (2.98)	14.95 (3.31)	0.54 (0.46)	-0.25 (0.47)	64.37 (3.16)	-9.77 (3.29)	0.08 (0.12)	0.59 (0.24)	9.89 (1.98)	-5.69 (2.03)
Missouri	0.49 (0.37)	0.57 (0.41)	4.53 (1.10)	4.91 (1.29)	0.70 (0.37)	-0.15 (0.40)	86.83 (1.38)	-4.68 (1.40)	1.03 (0.52)	0.47 (0.56)	6.43 (1.26)	-1.12 (1.30)
Montana	0.24 (0.46)	-0.17 (0.47)	0.04 (0.10)	0.16 (0.20)	4.45 (2.01)	-0.53 (2.23)	89.05 (4.27)	1.65 (4.37)	1.53 (1.25)	0.58 (1.50)	4.67 (2.36)	-1.69 (2.55)
Nebraska	0.23 (0.32)	1.82 (0.55)	2.56 (1.34)	2.05 (1.51)	0.26 (0.24)	0.29 (0.32)	74.26 (2.86)	1.47 (2.99)	1.86 (1.50)	-0.12 (1.56)	20.83 (4.51)	-5.50 (4.63)
Nevada	1.18 (0.55)	1.97 (0.74)	2.39 (0.91)	3.02 (1.18)	0.78 (0.34)	0.75 (0.45)	38.78 (2.26)	7.49 (2.81)	1.73 (0.81)	0.60 (0.92)	55.13 (4.82)	-13.83 (5.03)
New Hampshire	0.42 (0.51)	2.07 (0.87)	0.62 (0.71)	0.75 (0.82)	0.19 (0.27)	-0.04 (0.30)	94.27 (2.32)	-4.04 (2.45)	1.11 (0.74)	0.23 (0.94)	3.39 (1.30)	1.03 (1.48)
New Jersey	0.85 (0.27)	2.84 (0.42)	4.38 (0.74)	6.59 (0.96)	0.07 (0.06)	0.03 (0.08)	62.29 (1.44)	-13.72 (1.59)	1.78 (0.51)	-0.21 (0.57)	30.63 (2.31)	4.46 (2.48)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
New Mexico	-	-	0.84 (0.60)	0.84 (0.74)	9.07 (1.91)	-0.69 (2.12)	24.05 (3.10)	6.42 (3.50)	0.53 (0.42)	0.51 (0.59)	65.51 (4.66)	-7.69 (4.94)
New York	2.73 (0.35)	1.80 (0.42)	9.07 (0.64)	1.55 (0.77)	0.24 (0.14)	0.02 (0.15)	61.46 (1.11)	-1.18 (1.22)	1.82 (0.33)	0.21 (0.37)	24.69 (1.39)	-2.40 (1.51)
North Carolina	0.57 (0.25)	1.31 (0.30)	10.39 (0.99)	11.86 (1.17)	2.31 (0.42)	-0.98 (0.44)	49.82 (0.95)	6.88 (1.14)	0.98 (0.34)	0.46 (0.38)	35.93 (1.71)	-19.52 (1.79)
North Dakota	0.51 (0.76)	0.55 (1.15)	2.95 (2.87)	1.29 (3.22)	6.33 (3.04)	-3.26 (3.18)	83.36 (1.19)	0.98 (1.91)	0.87 (0.61)	1.30 (0.91)	5.98 (3.38)	-0.86 (3.55)
Ohio	0.25 (0.17)	1.07 (0.24)	5.38 (0.70)	4.98 (0.86)	0.09 (0.06)	0.11 (0.09)	86.75 (0.76)	-4.53 (0.86)	1.62 (0.50)	-0.20 (0.52)	5.90 (0.89)	-1.43 (0.92)
Oklahoma	0.34 (0.32)	1.64 (0.48)	4.21 (1.36)	1.44 (1.52)	6.95 (1.24)	0.54 (1.35)	54.59 (2.78)	8.23 (3.00)	5.11 (0.98)	0.50 (1.08)	28.80 (2.53)	-12.35 (2.66)
Oregon	1.05 (0.59)	2.16 (0.86)	0.88 (0.43)	0.30 (0.50)	1.11 (0.49)	0.34 (0.55)	74.50 (1.97)	-1.50 (2.02)	2.34 (0.78)	0.06 (0.86)	20.12 (2.70)	-1.36 (2.85)
Pennsylvania	0.39 (0.16)	1.77 (0.27)	4.60 (0.90)	2.08 (0.99)	0.12 (0.09)	0.03 (0.10)	85.99 (1.19)	-5.10 (1.20)	1.17 (0.35)	-0.01 (0.38)	7.72 (1.53)	1.23 (1.59)
Rhode Island	0.54 (0.67)	1.97 (1.06)	3.94 (2.48)	1.06 (2.67)	0.15 (0.17)	-0.01 (0.22)	81.79 (1.71)	-14.00 (2.19)	1.04 (0.71)	0.29 (0.87)	12.54 (4.16)	10.68 (4.86)
South Carolina	0.35 (0.19)	0.64 (0.30)	16.30 (2.15)	15.72 (2.43)	0.14 (0.13)	0.16 (0.16)	58.11 (2.10)	-1.67 (2.21)	0.88 (0.35)	0.28 (0.40)	24.21 (2.26)	-15.13 (2.33)
South Dakota	0.29 (0.65)	1.73 (1.12)	1.58 (1.18)	2.29 (1.48)	3.70 (1.72)	0.45 (1.92)	85.42 (3.94)	-1.90 (4.28)	2.25 (1.67)	-0.36 (1.87)	6.75 (4.48)	-2.21 (4.62)
Tennessee	0.23 (0.19)	0.91 (0.27)	6.89 (1.36)	9.84 (1.53)	0.25 (0.15)	0.09 (0.18)	67.68 (0.50)	3.90 (0.98)	0.84 (0.29)	0.35 (0.35)	24.11 (2.12)	-15.09 (2.17)
Texas	0.54 (0.09)	1.56 (0.16)	3.49 (0.39)	6.90 (0.49)	0.19 (0.07)	0.08 (0.08)	22.22 (0.49)	9.24 (0.61)	0.47 (0.11)	0.42 (0.13)	73.09 (1.09)	-18.21 (1.18)
Utah	0.56 (0.41)	1.68 (0.55)	0.47 (0.37)	0.44 (0.45)	2.54 (0.86)	-0.22 (0.93)	63.13 (1.79)	5.38 (2.27)	1.28 (0.62)	0.53 (0.73)	32.03 (3.71)	-7.81 (3.86)
Vermont	0.92 (1.04)	1.70 (1.87)	0.48 (0.58)	0.47 (0.86)	0.49 (1.10)	-0.35 (1.12)	95.43 (2.48)	-1.08 (3.10)	1.77 (1.17)	-0.56 (1.29)	0.90 (1.09)	-0.19 (1.18)
Virginia	1.55 (0.36)	1.30 (0.46)	12.14 (1.41)	7.09 (1.58)	0.29 (0.20)	-0.04 (0.22)	51.98 (0.88)	7.41 (0.99)	1.19 (0.38)	0.64 (0.44)	32.84 (2.40)	-16.40 (2.50)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Washington	2.38 (0.67)	3.07 (0.78)	1.70 (0.51)	1.44 (0.60)	1.19 (0.35)	0.61 (0.42)	69.18 (0.91)	-0.95 (1.27)	3.32 (0.52)	0.45 (0.62)	22.23 (1.90)	-4.61 (2.02)
West Virginia	–	–	0.35 (0.32)	1.51 (0.57)	0.39 (0.55)	-0.21 (0.59)	97.44 (1.36)	-1.38 (1.59)	0.32 (0.26)	0.30 (0.40)	1.50 (1.09)	-0.35 (1.15)
Wisconsin	0.34 (0.19)	2.06 (0.36)	1.83 (0.81)	3.31 (0.98)	1.10 (0.49)	-0.31 (0.52)	88.37 (1.21)	-5.98 (1.30)	1.03 (0.34)	0.04 (0.38)	7.33 (1.45)	0.88 (1.52)
Wyoming	0.22 (0.21)	-0.05 (0.29)	0.65 (1.12)	-0.17 (1.19)	3.41 (2.86)	-1.89 (2.95)	81.73 (4.78)	3.92 (5.29)	1.66 (2.69)	0.57 (2.90)	12.33 (4.19)	-2.38 (4.46)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

Table C.4a. State-Level Utilization and Percentage Point Gap Estimates for Laborers and Helpers by Sex, 2019

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Alabama	2.98 (1.18)	10.29 (1.56)	97.02 (0.91)	-10.29 (1.00)
Alaska	2.01 (2.82)	9.24 (3.73)	97.99 (2.66)	-9.24 (3.54)
Arizona	3.45 (0.96)	8.37 (1.11)	96.55 (1.19)	-8.37 (1.43)
Arkansas	4.14 (1.46)	11.87 (1.71)	95.86 (2.37)	-11.87 (2.66)
California	2.38 (0.48)	12.82 (0.57)	97.62 (0.56)	-12.82 (0.58)
Colorado	2.94 (1.38)	9.28 (1.60)	97.06 (0.68)	-9.28 (1.30)
Connecticut	4.15 (2.71)	8.79 (2.92)	95.85 (3.72)	-8.79 (3.77)
Delaware	0.60 (0.85)	14.11 (2.12)	99.40 (0.53)	-14.11 (2.18)
District of Columbia	13.51 (16.99)	-0.18 (17.42)	86.49 (12.51)	0.18 (13.37)
Florida	3.97 (0.70)	7.81 (0.78)	96.03 (0.38)	-7.81 (0.59)
Georgia	3.83 (0.86)	11.83 (1.05)	96.17 (1.99)	-11.83 (2.11)
Hawaii	2.57 (1.79)	9.43 (2.26)	97.43 (2.65)	-9.43 (2.78)
Idaho	4.17 (1.95)	10.35 (2.43)	95.83 (3.93)	-10.35 (3.95)
Illinois	3.85 (0.89)	12.02 (1.06)	96.15 (1.79)	-12.02 (1.88)
Indiana	4.06 (1.16)	13.52 (1.45)	95.94 (1.74)	-13.52 (1.82)
Iowa	3.93 (1.81)	12.44 (2.03)	96.07 (2.94)	-12.44 (3.07)
Kansas	4.05 (1.98)	10.76 (2.21)	95.95 (2.38)	-10.76 (2.62)
Kentucky	2.67 (1.04)	13.87 (1.41)	97.33 (2.31)	-13.87 (2.52)
Louisiana	4.41 (2.37)	5.04 (2.55)	95.59 (1.75)	-5.04 (1.79)
Maine	4.75 (4.23)	7.85 (4.55)	95.25 (6.30)	-7.85 (6.49)
Maryland	3.73 (1.16)	8.19 (1.46)	96.27 (1.73)	-8.19 (1.84)
Massachusetts	4.77 (2.45)	9.52 (2.61)	95.23 (1.23)	-9.52 (1.36)
Michigan	4.91 (2.33)	10.59 (2.41)	95.09 (1.34)	-10.59 (1.42)
Minnesota	2.84 (1.16)	11.16 (1.43)	97.16 (1.82)	-11.16 (1.92)
Mississippi	5.38 (4.95)	8.45 (5.05)	94.62 (2.60)	-8.45 (2.66)
Missouri	4.78 (1.55)	9.71 (1.68)	95.22 (1.29)	-9.71 (1.46)
Montana	3.84 (3.03)	7.01 (3.37)	96.16 (4.03)	-7.01 (4.41)

State	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
Nebraska	4.97 (4.36)	9.46 (4.48)	95.03 (4.92)	-9.46 (5.03)
Nevada	4.70 (2.66)	8.24 (2.85)	95.30 (2.46)	-8.24 (2.59)
New Hampshire	6.52 (3.80)	10.18 (4.20)	93.48 (1.14)	-10.18 (2.11)
New Jersey	1.68 (0.63)	14.20 (0.89)	98.32 (0.98)	-14.20 (1.12)
New Mexico	3.33 (2.39)	6.35 (2.70)	96.67 (2.05)	-6.35 (2.46)
New York	2.96 (0.82)	7.91 (0.95)	97.04 (0.97)	-7.91 (1.05)
North Carolina	4.28 (1.02)	10.81 (1.16)	95.72 (1.32)	-10.81 (1.36)
North Dakota	3.55 (3.16)	5.91 (3.61)	96.45 (1.44)	-5.91 (2.01)
Ohio	3.45 (0.90)	13.23 (1.10)	96.55 (0.97)	-13.23 (1.01)
Oklahoma	6.57 (4.55)	4.10 (4.61)	93.43 (2.28)	-4.10 (2.37)
Oregon	4.99 (2.36)	9.13 (2.48)	95.01 (2.01)	-9.13 (2.04)
Pennsylvania	4.09 (1.38)	10.66 (1.50)	95.91 (0.70)	-10.66 (0.71)
Rhode Island	2.63 (2.28)	11.71 (3.06)	97.37 (4.63)	-11.71 (4.83)
South Carolina	3.74 (1.83)	11.53 (2.03)	96.26 (2.52)	-11.53 (2.55)
South Dakota	1.19 (1.30)	12.55 (2.64)	98.81 (3.52)	-12.55 (3.87)
Tennessee	5.65 (1.87)	11.79 (2.09)	94.35 (1.84)	-11.79 (1.87)
Texas	3.54 (0.65)	7.18 (0.72)	96.46 (0.76)	-7.18 (0.78)
Utah	3.55 (1.57)	10.86 (1.90)	96.45 (2.56)	-10.86 (2.77)
Vermont	1.20 (1.28)	12.38 (2.66)	98.80 (6.49)	-12.38 (6.69)
Virginia	4.48 (1.09)	8.70 (1.28)	95.52 (1.34)	-8.70 (1.41)
Washington	5.40 (1.64)	10.55 (1.79)	94.60 (1.46)	-10.55 (1.58)
West Virginia	7.67 (5.11)	1.16 (5.29)	92.33 (4.62)	-1.16 (4.64)
Wisconsin	1.93 (1.01)	14.98 (1.24)	98.07 (1.08)	-14.98 (1.32)
Wyoming	3.35 (3.19)	6.02 (3.54)	96.65 (3.39)	-6.02 (3.75)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

MOE = margin of error

Source: IPUMS USA

Table C.4b. State-Level Utilization and Percentage Point Gap Estimates for Laborers and Helpers by Race/Ethnicity, 2019

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Alabama	0.17 (0.26)	0.63 (0.35)	18.76 (4.41)	11.36 (4.59)	0.66 (0.55)	-0.01 (0.58)	59.75 (1.91)	0.08 (2.02)	5.62 (7.34)	-4.30 (7.35)	15.05 (2.78)	-7.75 (2.85)
Alaska	0.88 (1.22)	7.17 (2.41)	0.42 (1.16)	3.30 (1.97)	21.18 (10.46)	-5.55 (10.75)	56.48 (7.58)	1.61 (8.03)	11.91 (11.19)	-6.24 (11.35)	9.13 (9.46)	-0.29 (9.91)
Arizona	0.64 (0.40)	0.49 (0.45)	1.48 (0.67)	2.53 (0.80)	3.65 (1.08)	-0.01 (1.15)	32.41 (2.72)	2.96 (2.85)	1.85 (1.88)	-0.52 (1.90)	59.97 (3.43)	-5.45 (3.68)
Arkansas	0.15 (0.18)	0.99 (0.33)	8.04 (3.31)	7.81 (3.45)	0.47 (0.49)	0.94 (0.62)	61.56 (5.31)	1.90 (5.42)	1.49 (1.12)	0.07 (1.17)	28.28 (4.09)	-11.71 (4.27)
California	3.31 (0.47)	2.56 (0.51)	1.75 (0.36)	1.96 (0.41)	0.60 (0.18)	0.04 (0.19)	20.78 (0.99)	-1.49 (1.02)	1.15 (0.21)	0.32 (0.24)	72.41 (1.40)	-3.40 (1.46)
Colorado	0.54 (0.35)	1.32 (0.47)	1.25 (0.72)	2.36 (0.82)	0.43 (0.39)	0.48 (0.44)	43.43 (1.88)	10.92 (2.11)	1.37 (0.69)	0.31 (0.76)	52.98 (4.22)	-15.39 (4.38)
Connecticut	0.93 (0.74)	0.63 (0.82)	6.96 (2.70)	4.37 (2.88)	0.05 (0.12)	0.01 (0.14)	50.98 (3.12)	6.14 (3.34)	4.70 (4.44)	-2.80 (4.47)	36.37 (6.66)	-8.35 (6.86)
Delaware	1.54 (2.19)	-0.54 (2.26)	9.47 (4.81)	12.81 (5.17)	1.61 (2.44)	-1.04 (2.47)	62.02 (8.03)	-8.21 (8.41)	1.96 (2.47)	-0.45 (2.55)	23.39 (9.53)	-2.57 (9.87)
District of Columbia	-	-	42.80 (7.70)	26.96 (8.91)	0.63 (1.19)	-0.37 (1.27)	21.30 (17.80)	-12.51 (18.11)	1.14 (1.70)	-0.02 (1.98)	34.13 (12.90)	-14.07 (14.55)
Florida	0.45 (0.19)	0.69 (0.22)	12.54 (1.88)	3.69 (1.96)	0.26 (0.25)	0.00 (0.26)	34.63 (2.39)	4.35 (2.47)	1.34 (0.55)	-0.11 (0.57)	50.77 (1.71)	-8.61 (1.90)
Georgia	0.92 (0.49)	1.01 (0.54)	15.48 (2.51)	19.37 (2.62)	0.49 (0.30)	-0.26 (0.31)	41.13 (3.25)	1.03 (3.29)	0.97 (0.53)	0.27 (0.56)	41.00 (2.82)	-21.41 (2.91)
Hawaii	28.64 (7.38)	5.20 (7.88)	0.20 (0.35)	1.15 (0.70)	12.85 (3.58)	1.13 (3.86)	18.27 (4.94)	-2.72 (5.28)	34.08 (10.46)	-10.30 (10.68)	5.96 (2.47)	5.54 (2.93)
Idaho	-	-	0.38 (0.70)	0.25 (0.79)	0.69 (0.76)	0.54 (0.84)	80.55 (1.76)	-9.61 (2.58)	1.55 (1.48)	-0.03 (1.52)	16.83 (5.52)	8.37 (5.76)
Illinois	0.80 (0.39)	1.28 (0.43)	6.48 (1.61)	4.90 (1.67)	-	-	51.99 (1.97)	1.90 (2.12)	0.92 (0.56)	0.21 (0.58)	39.81 (2.81)	-8.41 (2.93)
Indiana	0.70 (0.46)	0.88 (0.52)	4.12 (1.18)	4.47 (1.32)	0.24 (0.21)	0.04 (0.24)	78.59 (2.00)	-1.17 (2.10)	0.63 (0.49)	0.79 (0.55)	15.71 (2.22)	-5.00 (2.33)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Iowa	0.16 (0.40)	2.31 (0.59)	1.95 (1.44)	2.98 (1.62)	0.39 (0.56)	0.12 (0.59)	82.58 (5.90)	-2.97 (5.91)	0.80 (0.67)	0.36 (0.74)	14.11 (3.25)	-2.80 (3.35)
Kansas	-	-	3.90 (1.81)	1.02 (1.94)	1.00 (0.71)	-0.20 (0.75)	63.16 (4.27)	5.50 (4.58)	1.03 (0.87)	1.00 (0.99)	30.91 (4.19)	-10.02 (4.29)
Kentucky	0.33 (0.33)	0.64 (0.40)	2.79 (1.13)	6.54 (1.43)	-	-	84.62 (3.75)	-3.85 (3.78)	1.56 (1.36)	-0.20 (1.39)	10.70 (2.76)	-3.31 (2.81)
Louisiana	2.65 (2.39)	-1.17 (2.41)	24.95 (5.14)	8.74 (5.24)	0.73 (0.41)	0.02 (0.46)	45.71 (5.17)	7.57 (5.25)	1.12 (0.98)	0.10 (1.02)	24.85 (4.12)	-15.25 (4.17)
Maine	0.44 (0.89)	0.95 (1.10)	0.34 (0.95)	0.77 (1.06)	0.48 (0.61)	0.61 (0.81)	96.16 (4.12)	-2.89 (4.18)	2.15 (1.93)	-0.46 (1.98)	0.44 (0.66)	1.03 (0.87)
Maryland	1.08 (0.69)	1.75 (0.81)	12.81 (2.57)	16.74 (2.85)	0.18 (0.20)	0.03 (0.23)	40.59 (4.63)	2.23 (4.78)	1.35 (0.88)	0.59 (0.96)	43.99 (2.78)	-21.34 (2.99)
Massachusetts	2.62 (1.54)	1.06 (1.59)	5.75 (1.58)	1.50 (1.70)	1.15 (1.63)	-0.82 (1.64)	68.25 (2.49)	-2.48 (2.73)	3.02 (1.28)	-0.03 (1.36)	19.21 (4.26)	0.77 (4.37)
Michigan	0.05 (0.10)	1.14 (0.22)	7.76 (1.84)	4.65 (1.96)	0.58 (0.32)	-0.18 (0.33)	80.16 (1.69)	-4.97 (1.71)	2.16 (1.58)	-0.50 (1.59)	9.29 (1.67)	-0.13 (1.76)
Minnesota	0.75 (0.57)	3.00 (0.70)	1.90 (1.55)	3.42 (1.73)	0.90 (0.69)	-0.23 (0.71)	83.38 (1.24)	-3.59 (1.38)	2.39 (1.64)	-0.78 (1.67)	10.67 (3.24)	-1.83 (3.31)
Mississippi	1.71 (3.34)	-1.31 (3.35)	28.80 (6.19)	14.34 (6.34)	0.39 (0.35)	-0.06 (0.37)	53.11 (5.10)	-2.79 (5.31)	1.83 (1.57)	-1.08 (1.59)	14.17 (2.89)	-9.10 (2.95)
Missouri	0.27 (0.25)	0.77 (0.33)	8.26 (2.55)	1.87 (2.68)	0.90 (0.62)	-0.11 (0.65)	77.00 (1.82)	2.36 (1.82)	2.21 (1.13)	-0.35 (1.17)	11.36 (2.26)	-4.54 (2.33)
Montana	-	-	2.15 (2.34)	-1.41 (2.38)	7.05 (3.21)	-2.11 (3.33)	86.19 (4.73)	2.42 (5.02)	1.68 (1.48)	0.30 (1.60)	2.93 (2.04)	0.56 (2.29)
Nebraska	-	-	1.57 (1.55)	3.72 (1.78)	2.12 (1.91)	-1.29 (1.94)	61.21 (6.09)	8.19 (6.30)	0.74 (0.74)	0.69 (0.84)	34.36 (6.81)	-13.68 (6.94)
Nevada	1.09 (0.75)	1.71 (0.93)	3.59 (1.63)	2.73 (1.90)	0.97 (0.68)	0.93 (0.77)	30.18 (4.24)	9.66 (4.53)	1.12 (0.61)	1.07 (0.77)	63.05 (6.45)	-16.10 (6.69)
New Hampshire	0.43 (0.90)	1.10 (1.09)	2.32 (2.85)	-0.35 (2.94)	-	-	91.39 (3.35)	-1.94 (3.66)	0.52 (0.50)	0.62 (0.72)	5.34 (4.33)	0.41 (4.46)
New Jersey	1.37 (0.52)	2.15 (0.64)	5.11 (0.95)	8.05 (1.17)	0.44 (0.33)	-0.30 (0.34)	40.94 (2.12)	-3.37 (2.24)	1.32 (0.49)	0.19 (0.55)	50.81 (3.89)	-6.73 (4.01)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
New Mexico	-	-	0.57 (0.62)	1.30 (0.84)	11.93 (4.95)	-3.22 (5.06)	15.77 (2.77)	10.04 (3.19)	0.26 (0.49)	0.82 (0.65)	71.45 (8.57)	-9.40 (8.80)
New York	7.33 (1.26)	-1.60 (1.30)	9.71 (1.17)	1.17 (1.26)	0.15 (0.10)	0.13 (0.12)	38.33 (1.79)	14.41 (1.90)	2.67 (0.86)	-0.84 (0.88)	41.81 (2.35)	-13.26 (2.46)
North Carolina	0.23 (0.17)	1.60 (0.25)	10.19 (2.03)	14.98 (2.20)	2.46 (0.98)	-0.90 (0.99)	54.96 (3.24)	-3.51 (3.33)	1.52 (0.77)	0.01 (0.81)	30.63 (2.57)	-12.18 (2.62)
North Dakota	2.24 (2.52)	-1.59 (2.58)	6.40 (7.93)	-2.56 (8.04)	6.97 (4.14)	-3.70 (4.28)	72.45 (8.95)	11.11 (9.19)	2.87 (2.94)	-0.75 (3.04)	9.07 (6.43)	-2.51 (6.52)
Ohio	0.47 (0.44)	0.75 (0.48)	5.88 (1.42)	5.77 (1.52)	0.14 (0.21)	0.07 (0.24)	84.63 (2.16)	-4.43 (2.20)	1.45 (0.65)	0.13 (0.67)	7.43 (1.56)	-2.30 (1.60)
Oklahoma	0.10 (0.22)	1.36 (0.48)	4.33 (2.41)	2.21 (2.51)	6.66 (1.87)	1.33 (1.97)	50.06 (3.90)	9.78 (4.03)	6.25 (4.06)	-0.88 (4.10)	32.61 (3.75)	-13.80 (3.87)
Oregon	0.33 (0.29)	1.95 (0.49)	1.16 (0.94)	0.35 (0.99)	0.86 (0.67)	0.50 (0.73)	66.65 (4.67)	-3.17 (4.71)	3.27 (1.60)	-0.69 (1.67)	27.73 (4.19)	1.06 (4.42)
Pennsylvania	1.11 (0.48)	1.23 (0.53)	7.45 (1.86)	0.54 (1.91)	0.11 (0.12)	0.03 (0.13)	78.86 (2.18)	-2.12 (2.23)	1.62 (0.61)	-0.29 (0.64)	10.84 (2.13)	0.60 (2.21)
Rhode Island	1.90 (1.83)	0.26 (1.98)	0.51 (1.09)	5.07 (1.80)	1.04 (1.21)	-0.55 (1.25)	65.87 (6.87)	-5.15 (7.30)	0.67 (1.20)	0.93 (1.34)	30.01 (13.30)	-0.56 (13.55)
South Carolina	0.06 (0.13)	0.76 (0.24)	16.22 (3.74)	19.04 (3.92)	0.64 (0.61)	-0.25 (0.63)	55.37 (4.40)	-3.43 (4.51)	2.18 (2.09)	-0.79 (2.11)	25.52 (3.91)	-15.33 (3.98)
South Dakota	0.24 (0.50)	1.83 (1.00)	2.36 (3.22)	2.33 (3.45)	4.68 (2.27)	-0.01 (2.64)	82.87 (8.51)	-2.10 (8.80)	0.85 (0.94)	0.29 (1.09)	9.00 (5.69)	-2.35 (5.83)
Tennessee	0.07 (0.09)	0.77 (0.18)	8.13 (1.93)	12.22 (2.19)	0.31 (0.41)	0.03 (0.42)	67.00 (3.75)	0.25 (3.78)	2.20 (1.57)	-0.80 (1.59)	22.27 (3.18)	-12.48 (3.25)
Texas	0.44 (0.16)	1.21 (0.21)	5.27 (0.87)	6.60 (0.95)	0.16 (0.13)	0.13 (0.14)	18.77 (1.19)	9.66 (1.24)	0.71 (0.47)	0.08 (0.48)	74.64 (1.32)	-17.68 (1.43)
Utah	0.42 (0.37)	1.24 (0.53)	0.51 (0.82)	0.68 (0.89)	3.17 (1.37)	-0.27 (1.45)	59.70 (4.32)	6.22 (4.59)	0.81 (0.90)	0.92 (0.99)	35.39 (4.16)	-8.80 (4.33)
Vermont	3.60 (4.87)	-1.19 (5.04)	1.78 (3.41)	-0.82 (3.49)	-	-	92.47 (11.45)	0.19 (11.50)	0.65 (0.89)	0.72 (1.15)	1.50 (1.84)	0.81 (2.08)
Virginia	2.32 (0.85)	0.12 (0.91)	9.29 (1.40)	14.16 (1.67)	0.21 (0.26)	0.09 (0.29)	48.85 (3.63)	4.94 (3.68)	1.77 (0.96)	0.09 (1.00)	37.56 (3.81)	-19.40 (3.92)

State	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
Washington	2.45 (0.87)	2.23 (0.97)	2.36 (1.32)	1.05 (1.38)	1.56 (0.69)	0.50 (0.75)	63.98 (3.74)	-5.55 (3.83)	3.59 (1.17)	-0.07 (1.24)	26.06 (3.22)	1.83 (3.38)
West Virginia	0.20 (0.27)	-0.02 (0.30)	4.54 (2.39)	-1.65 (2.48)	–	–	91.06 (5.24)	3.04 (5.37)	2.57 (1.86)	-1.76 (1.90)	1.63 (2.77)	0.29 (2.82)
Wisconsin	0.27 (0.26)	1.96 (0.43)	4.16 (3.34)	0.89 (3.40)	1.48 (1.00)	-0.84 (1.01)	83.69 (2.15)	-3.80 (2.19)	1.39 (1.06)	-0.09 (1.08)	9.00 (2.40)	1.87 (2.52)
Wyoming	–	–	–	–	2.88 (2.07)	-1.24 (2.21)	79.49 (8.15)	5.67 (8.30)	0.28 (0.37)	1.39 (0.92)	17.35 (7.18)	-6.44 (7.44)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

Economic Area Estimates of Utilization and Percentage Point Gaps by Aggregate Onsite Construction Occupation Group

Table C.5a. EA-Level Utilization and Percentage Point Gap Estimates for All Onsite Construction Occupations by Sex, 2019

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
1-Aberdeen, SD	1.90 (1.48)	7.15 (2.18)	98.10 (2.28)	-7.15 (2.41)
2-Abilene, TX	2.18 (1.59)	5.10 (2.27)	97.82 (2.92)	-5.10 (3.05)
3-Albany, GA	3.42 (1.34)	9.96 (1.81)	96.58 (1.37)	-9.96 (1.41)
4-Albany-Schenectady-Amsterdam, NY	2.34 (1.03)	6.66 (1.48)	97.66 (0.84)	-6.66 (0.98)
5-Albuquerque, NM	3.02 (1.44)	6.51 (2.25)	96.98 (2.42)	-6.51 (2.85)
6-Alpena, MI	4.26 (1.81)	7.37 (2.32)	95.74 (1.58)	-7.37 (1.59)
7-Amarillo, TX	2.18 (1.34)	7.13 (1.80)	97.82 (1.87)	-7.13 (2.17)
8-Anchorage, AK	3.11 (1.39)	5.18 (2.22)	96.89 (2.26)	-5.18 (2.99)
9-Appleton-Oshkosh-Neenah, WI	2.19 (1.10)	13.29 (1.68)	97.81 (1.66)	-13.29 (2.05)
10-Asheville-Brevard, NC	2.46 (1.15)	10.60 (1.83)	97.54 (1.93)	-10.60 (2.33)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	4.24 (0.64)	10.14 (0.80)	95.76 (0.80)	-10.14 (0.81)
12-Augusta-Richmond County, GA-SC	2.02 (1.22)	11.88 (2.05)	97.98 (1.74)	-11.88 (2.05)
13-Austin-Round Rock, TX	2.72 (0.76)	6.25 (1.11)	97.28 (1.16)	-6.25 (1.52)
14-Bangor, ME	3.89 (2.35)	6.10 (3.08)	96.11 (1.21)	-6.10 (1.76)
15-Baton Rouge-Pierre Part, LA	4.18 (1.81)	3.68 (2.12)	95.82 (1.69)	-3.68 (1.80)
16-Beaumont-Port Arthur, TX	4.90 (1.91)	2.17 (2.34)	95.10 (1.51)	-2.17 (1.56)
17-Bend-Prineville, OR	3.42 (2.26)	5.54 (2.70)	96.58 (1.98)	-5.54 (3.06)
18-Billings, MT	3.18 (1.21)	4.42 (1.53)	96.82 (1.78)	-4.42 (2.10)
19-Birmingham-Hoover-Cullman, AL	4.20 (1.14)	8.87 (1.48)	95.80 (1.93)	-8.87 (2.05)
20-Bismarck, ND	3.21 (1.98)	3.70 (2.42)	96.79 (0.98)	-3.70 (1.19)
21-Boise City-Nampa, ID	2.77 (1.61)	7.75 (2.00)	97.23 (1.19)	-7.75 (1.76)
22-Boston-Worcester-Manchester, MA-NH	2.91 (0.43)	9.60 (0.73)	97.09 (0.85)	-9.60 (0.86)
23-Buffalo-Niagara-Cattaraugus, NY	2.98 (1.32)	8.17 (1.58)	97.02 (0.75)	-8.17 (1.58)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
24-Burlington-South Burlington, VT	4.62 (2.89)	7.01 (3.74)	95.38 (2.28)	-7.01 (2.90)
25-Cape Girardeau-Jackson, MO-IL	2.01 (1.56)	9.93 (2.33)	97.99 (2.10)	-9.93 (2.35)
26-Casper, WY	5.08 (2.09)	4.19 (2.40)	94.92 (0.41)	-4.19 (0.43)
27-Cedar Rapids, IA	2.87 (1.32)	12.39 (2.00)	97.13 (2.10)	-12.39 (2.29)
28-Champaign-Urbana, IL	3.74 (1.57)	8.64 (1.96)	96.26 (2.13)	-8.64 (2.50)
29-Charleston, WV	3.53 (1.53)	3.70 (1.78)	96.47 (1.85)	-3.70 (1.86)
30-Charleston-North Charleston, SC	4.64 (1.91)	8.00 (2.49)	95.36 (3.13)	-8.00 (3.16)
31-Charlotte-Gastonia-Salisbury, NC-SC	4.80 (1.11)	10.07 (1.28)	95.20 (1.02)	-10.07 (1.15)
32-Chicago-Naperville-Michigan City, IL-IN-WI	3.22 (0.49)	11.49 (0.79)	96.78 (0.49)	-11.49 (0.52)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	2.61 (0.81)	12.77 (1.52)	97.39 (1.28)	-12.77 (1.45)
34-Clarksburg, WV + Morgantown, WV	3.34 (2.84)	2.59 (3.22)	96.66 (3.17)	-2.59 (3.30)
35-Cleveland-Akron-Elyria, OH	3.88 (0.95)	10.45 (1.12)	96.12 (0.66)	-10.45 (0.78)
36-Colorado Springs, CO	3.99 (2.17)	5.93 (2.57)	96.01 (2.64)	-5.93 (2.73)
37-Columbia, MO	4.60 (1.85)	8.19 (2.39)	95.40 (1.54)	-8.19 (2.17)
38-Columbia-Newberry, SC	5.10 (2.12)	9.73 (2.38)	94.90 (1.01)	-9.73 (1.63)
39-Columbus-Auburn-Opelika, GA-AL	3.73 (1.87)	11.09 (2.87)	96.27 (4.85)	-11.09 (4.87)
40-Columbus-Marion-Chillicothe, OH	3.81 (1.26)	10.86 (1.57)	96.19 (1.22)	-10.86 (1.52)
41-Corpus Christi-Kingsville, TX	4.10 (2.60)	2.30 (2.75)	95.90 (2.07)	-2.30 (2.10)
42-Dallas-Fort Worth, TX	2.83 (0.46)	8.22 (0.64)	97.17 (0.32)	-8.22 (0.49)
43-Davenport-Moline-Rock Island, IA-IL	4.12 (1.54)	9.67 (2.13)	95.88 (2.66)	-9.67 (2.69)
44-Dayton-Springfield-Greenville, OH	3.30 (1.19)	14.39 (1.65)	96.70 (1.74)	-14.39 (2.02)
45-Denver-Aurora-Boulder, CO	3.68 (0.72)	6.42 (1.00)	96.32 (1.09)	-6.42 (1.33)
46-Des Moines-Newton-Pella, IA	2.78 (1.07)	10.71 (1.45)	97.22 (0.59)	-10.71 (1.01)
47-Detroit-Warren-Flint, MI	4.08 (0.84)	11.11 (1.08)	95.92 (1.34)	-11.11 (1.35)
48-Dothan-Enterprise-Ozark, AL	2.78 (1.36)	12.91 (2.26)	97.22 (2.87)	-12.91 (2.97)
49-Dover, DE	2.79 (1.89)	9.62 (2.63)	97.21 (2.54)	-9.62 (2.85)
50-Duluth, MN-WI	4.89 (2.40)	5.28 (2.73)	95.11 (1.60)	-5.28 (1.99)
51-El Paso, TX	2.21 (1.06)	5.66 (1.35)	97.79 (1.03)	-5.66 (1.73)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
52-Erie, PA	3.79 (2.01)	6.09 (2.61)	96.21 (2.48)	-6.09 (2.66)
53-Eugene-Springfield, OR	3.08 (1.67)	7.42 (2.38)	96.92 (0.54)	-7.42 (1.59)
54-Evansville, IN-KY	2.44 (1.03)	11.50 (1.64)	97.56 (0.94)	-11.50 (1.62)
55-Fargo-Wahpeton, ND-MN	4.91 (2.50)	7.02 (2.91)	95.09 (3.13)	-7.02 (3.45)
56-Farmington, NM	4.11 (2.12)	4.56 (2.96)	95.89 (3.43)	-4.56 (3.96)
57-Fayetteville-Springdale-Rogers, AR-MO	3.95 (1.82)	11.87 (2.25)	96.05 (1.83)	-11.87 (2.21)
58-Flagstaff, AZ	3.68 (1.81)	5.43 (2.47)	96.32 (4.40)	-5.43 (5.44)
59-Fort Smith, AR-OK	2.69 (1.80)	11.81 (2.35)	97.31 (0.71)	-11.81 (1.55)
60-Fort Wayne-Huntington-Auburn, IN	5.93 (1.92)	13.60 (2.37)	94.07 (1.71)	-13.60 (1.91)
61-Fresno-Madera, CA	3.34 (2.25)	9.11 (2.39)	96.66 (2.24)	-9.11 (2.48)
62-Gainesville, FL	2.58 (1.47)	8.01 (2.72)	97.42 (3.32)	-8.01 (3.74)
63-Grand Forks, ND-MN	4.64 (2.92)	6.84 (3.21)	95.36 (0.89)	-6.84 (1.74)
64-Grand Rapids-Muskegon-Holland, MI	4.06 (1.38)	14.84 (1.78)	95.94 (2.01)	-14.84 (2.10)
65-Great Falls, MT	2.77 (2.15)	4.45 (2.63)	97.23 (2.40)	-4.45 (3.29)
66-Greensboro--Winston-Salem--High Point, NC	3.92 (1.19)	10.52 (1.46)	96.08 (1.72)	-10.52 (1.90)
67-Greenville, NC	5.34 (2.23)	8.31 (2.94)	94.66 (2.05)	-8.31 (2.31)
68-Greenville-Spartanburg-Anderson, SC	3.67 (1.64)	14.30 (2.09)	96.33 (2.31)	-14.30 (2.48)
69-Gulfport-Biloxi-Pascagoula, MS	7.64 (3.89)	0.50 (4.18)	92.36 (3.03)	-0.50 (3.07)
70-Harrisburg-Carlisle-Lebanon, PA	3.34 (1.55)	9.67 (1.82)	96.66 (0.36)	-9.67 (0.71)
71-Harrisonburg, VA	5.35 (3.04)	7.76 (3.64)	94.65 (2.81)	-7.76 (2.83)
72-Hartford-West Hartford-Willimantic, CT	3.69 (1.06)	9.17 (1.46)	96.31 (1.14)	-9.17 (1.52)
73-Helena, MT	2.94 (1.78)	6.27 (2.58)	97.06 (1.92)	-6.27 (2.18)
74-Honolulu, HI	1.97 (0.92)	5.91 (1.26)	98.03 (1.74)	-5.91 (2.06)
75-Houston-Baytown-Huntsville, TX	2.99 (0.46)	5.01 (0.67)	97.01 (0.82)	-5.01 (0.89)
76-Huntsville-Decatur, AL	3.80 (1.78)	11.66 (2.28)	96.20 (2.24)	-11.66 (2.51)
77-Idaho Falls-Blackfoot, ID	4.51 (2.19)	6.51 (3.13)	95.49 (2.45)	-6.51 (2.52)
78-Indianapolis-Anderson-Columbus, IN	3.30 (0.75)	13.54 (1.12)	96.70 (1.17)	-13.54 (1.27)
79-Jacksonville, FL	3.34 (1.20)	6.79 (1.63)	96.66 (1.30)	-6.79 (1.54)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
80-Jackson-Yazoo City, MS	3.74 (1.66)	9.67 (1.89)	96.26 (1.48)	-9.67 (1.49)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	2.27 (0.91)	8.22 (1.60)	97.73 (0.62)	-8.22 (1.21)
82-Jonesboro, AR	3.39 (2.15)	9.13 (2.68)	96.61 (2.21)	-9.13 (2.76)
83-Joplin, MO	2.71 (1.20)	9.78 (1.91)	97.29 (1.39)	-9.78 (1.41)
84-Kansas City-Overland Park-Kansas City, MO-KS	3.01 (0.70)	10.29 (1.09)	96.99 (0.64)	-10.29 (0.93)
85-Kearney, NE	3.21 (2.11)	10.79 (3.11)	96.79 (1.96)	-10.79 (2.42)
86-Kennewick-Richland-Pasco, WA	3.37 (2.52)	10.76 (2.83)	96.63 (1.26)	-10.76 (1.95)
87-Killeen-Temple-Fort Hood, TX	2.04 (1.03)	8.62 (1.69)	97.96 (1.49)	-8.62 (2.29)
88-Knoxville-Sevierville-La Follette, TN	4.16 (1.68)	9.24 (2.19)	95.84 (2.18)	-9.24 (2.54)
89-La Crosse, WI-MN	3.01 (1.52)	9.89 (2.04)	96.99 (0.61)	-9.89 (1.71)
90-Lafayette-Acadiana, LA	2.64 (1.65)	4.91 (2.42)	97.36 (1.94)	-4.91 (2.14)
91-Lake Charles-Jennings, LA	3.44 (1.43)	3.62 (2.53)	96.56 (1.79)	-3.62 (2.06)
92-Las Vegas-Paradise-Pahrump, NV	3.60 (1.18)	5.99 (1.40)	96.40 (1.49)	-5.99 (1.62)
93-Lewiston, ID-WA	3.19 (2.19)	7.99 (3.62)	96.81 (3.94)	-7.99 (4.23)
94-Lexington-Fayette--Frankfort--Richmond, KY	1.97 (0.65)	11.32 (1.20)	98.03 (1.02)	-11.32 (1.18)
95-Lincoln, NE	1.98 (1.49)	10.14 (3.26)	98.02 (3.05)	-10.14 (3.41)
96-Little Rock-North Little Rock-Pine Bluff, AR	4.11 (1.33)	8.00 (1.55)	95.89 (1.38)	-8.00 (1.68)
97-Los Angeles-Long Beach-Riverside, CA	2.21 (0.31)	10.51 (0.46)	97.79 (0.26)	-10.51 (0.39)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	3.84 (1.05)	13.97 (1.55)	96.16 (2.16)	-13.97 (2.17)
99-Lubbock-Levelland, TX	3.24 (1.43)	4.99 (1.79)	96.76 (0.90)	-4.99 (1.53)
100-Macon-Warner Robins-Fort Valley, GA	4.62 (1.48)	8.37 (1.94)	95.38 (2.30)	-8.37 (2.81)
101-Madison-Baraboo, WI	4.03 (1.19)	10.39 (1.46)	95.97 (0.43)	-10.39 (0.71)
102-Marinette, WI-MI	3.93 (2.02)	6.58 (2.48)	96.07 (2.30)	-6.58 (2.62)
103-Mason City, IA	3.02 (1.86)	10.22 (3.04)	96.98 (1.78)	-10.22 (1.98)
104-McAllen-Edinburg-Pharr, TX	2.42 (1.23)	3.55 (1.54)	97.58 (0.95)	-3.55 (1.01)
105-Memphis, TN-MS-AR	4.09 (1.17)	13.35 (1.51)	95.91 (1.12)	-13.35 (1.39)
106-Miami-Fort Lauderdale-Miami Beach, FL	3.31 (0.60)	5.88 (0.80)	96.69 (0.81)	-5.88 (0.91)
107-Midland-Odessa, TX	2.42 (1.49)	2.83 (1.68)	97.58 (2.01)	-2.83 (2.12)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
108-Milwaukee-Racine-Waukesha, WI	3.01 (1.21)	13.43 (1.59)	96.99 (0.83)	-13.43 (1.19)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	3.12 (0.66)	10.65 (0.92)	96.88 (0.65)	-10.65 (0.78)
110-Minot, ND	4.58 (3.00)	4.03 (3.28)	95.42 (0.27)	-4.03 (1.88)
111-Missoula, MT	4.60 (3.04)	4.41 (3.97)	95.40 (2.91)	-4.41 (4.15)
112-Mobile-Daphne-Fairhope, AL	4.68 (2.38)	6.26 (2.79)	95.32 (2.95)	-6.26 (3.03)
113-Monroe-Bastrop, LA	4.79 (5.69)	6.49 (6.22)	95.21 (5.04)	-6.49 (5.32)
114-Montgomery-Alexander City, AL	1.86 (0.82)	14.99 (2.19)	98.14 (2.53)	-14.99 (2.65)
115-Myrtle Beach-Conway-Georgetown, SC	3.92 (1.45)	9.13 (1.94)	96.08 (1.19)	-9.13 (1.79)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	3.75 (0.96)	11.90 (1.22)	96.25 (1.20)	-11.90 (1.35)
117-New Orleans-Metairie-Bogalusa, LA	4.72 (1.35)	2.46 (1.67)	95.28 (0.23)	-2.46 (0.97)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	2.40 (0.30)	8.22 (0.45)	97.60 (0.13)	-8.22 (0.18)
119-Oklahoma City-Shawnee, OK	3.11 (1.09)	6.62 (1.36)	96.89 (1.65)	-6.62 (1.78)
120-Omaha-Council Bluffs-Fremont, NE-IA	3.10 (1.30)	9.94 (1.64)	96.90 (1.66)	-9.94 (2.10)
121-Orlando-The Villages, FL	3.87 (0.84)	6.53 (1.08)	96.13 (0.68)	-6.53 (1.10)
122-Paducah, KY-IL	1.85 (1.80)	11.12 (2.63)	98.15 (3.03)	-11.12 (3.39)
123-Panama City-Lynn Haven, FL	4.31 (1.95)	3.51 (2.57)	95.69 (3.15)	-3.51 (3.27)
124-Pendleton-Hermiston, OR	4.12 (2.84)	8.67 (3.60)	95.88 (1.60)	-8.67 (3.05)
125-Pensacola-Ferry Pass-Brent, FL	6.61 (3.45)	2.48 (3.87)	93.39 (2.11)	-2.48 (2.30)
126-Peoria-Canton, IL	3.66 (1.08)	7.48 (1.32)	96.34 (1.37)	-7.48 (1.51)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	3.20 (0.86)	8.74 (1.08)	96.80 (0.71)	-8.74 (1.05)
128-Phoenix-Mesa-Scottsdale, AZ	3.53 (0.71)	7.19 (0.95)	96.47 (0.34)	-7.19 (0.57)
129-Pittsburgh-New Castle, PA	2.57 (0.80)	5.45 (1.07)	97.43 (0.64)	-5.45 (0.93)
130-Portland-Lewiston-South Portland, ME	2.80 (1.32)	6.83 (2.01)	97.20 (1.39)	-6.83 (1.88)
131-Portland-Vancouver-Beaverton, OR-WA	3.68 (0.88)	7.19 (1.13)	96.32 (1.35)	-7.19 (1.45)
132-Pueblo, CO	5.05 (2.87)	4.64 (3.26)	94.95 (2.62)	-4.64 (2.88)
133-Raleigh-Durham-Cary, NC	4.27 (1.05)	10.20 (1.32)	95.73 (0.82)	-10.20 (1.13)
134-Rapid City, SD	3.50 (2.33)	5.17 (2.80)	96.50 (0.85)	-5.17 (1.08)
135-Redding, CA	2.65 (1.84)	5.51 (2.40)	97.35 (2.03)	-5.51 (2.59)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
136-Reno-Sparks, NV	3.54 (1.67)	8.27 (2.19)	96.46 (2.42)	-8.27 (2.59)
137-Richmond, VA	3.18 (1.04)	8.10 (1.58)	96.82 (1.46)	-8.10 (1.57)
138-Roanoke, VA	4.32 (1.77)	8.19 (2.14)	95.68 (0.78)	-8.19 (1.56)
139-Rochester-Batavia-Seneca Falls, NY	2.96 (0.91)	9.50 (1.28)	97.04 (1.12)	-9.50 (1.59)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.88 (1.12)	6.67 (1.43)	97.12 (0.24)	-6.67 (0.56)
141-Salina, KS	1.66 (1.16)	6.23 (2.03)	98.34 (1.22)	-6.23 (2.48)
142-Salt Lake City-Ogden-Clearfield, UT	3.79 (1.16)	9.67 (1.46)	96.21 (1.33)	-9.67 (1.50)
143-San Angelo, TX	1.79 (1.15)	4.69 (1.70)	98.21 (1.34)	-4.69 (1.39)
144-San Antonio, TX	2.82 (0.75)	5.24 (1.10)	97.18 (0.74)	-5.24 (1.09)
145-San Diego-Carlsbad-San Marcos, CA	2.41 (0.68)	8.78 (1.27)	97.59 (0.78)	-8.78 (1.24)
146-San Jose-San Francisco-Oakland, CA	2.35 (0.48)	8.93 (0.63)	97.65 (0.41)	-8.93 (0.68)
147-Santa Fe-Espanola, NM	3.63 (3.43)	6.06 (4.38)	96.37 (2.87)	-6.06 (4.47)
148-Sarasota-Bradenton-Venice, FL	3.99 (1.25)	4.44 (1.54)	96.01 (1.06)	-4.44 (1.25)
149-Savannah-Hinesville-Fort Stewart, GA	3.20 (1.10)	8.71 (1.56)	96.80 (2.04)	-8.71 (2.51)
150-Scotts Bluff, NE	7.08 (5.60)	1.97 (6.09)	92.92 (3.65)	-1.97 (4.27)
151-Scranton--Wilkes-Barre, PA	2.40 (1.82)	11.49 (2.38)	97.60 (2.13)	-11.49 (2.47)
152-Seattle-Tacoma-Olympia, WA	4.17 (0.69)	7.34 (0.90)	95.83 (0.82)	-7.34 (0.83)
153-Shreveport-Bossier City-Minden, LA	2.97 (1.57)	5.70 (2.24)	97.03 (2.95)	-5.70 (3.55)
154-Sioux City-Vermillion, IA-NE-SD	4.20 (1.85)	10.61 (2.28)	95.80 (0.82)	-10.61 (0.98)
155-Sioux Falls, SD	4.69 (2.84)	9.44 (3.32)	95.31 (2.38)	-9.44 (2.44)
156-South Bend-Mishawaka, IN-MI	5.74 (1.91)	13.59 (2.17)	94.26 (1.66)	-13.59 (1.92)
157-Spokane, WA	3.34 (1.51)	7.99 (2.15)	96.66 (0.42)	-7.99 (0.98)
158-Springfield, IL	3.35 (1.49)	6.85 (1.82)	96.65 (2.19)	-6.85 (2.23)
159-Springfield, MO	4.84 (1.80)	8.00 (2.15)	95.16 (0.66)	-8.00 (0.80)
160-St. Louis-St. Charles-Farmington, MO-IL	2.42 (0.60)	10.04 (0.99)	97.58 (1.64)	-10.04 (1.72)
161-State College, PA	2.40 (0.90)	6.92 (1.32)	97.60 (1.02)	-6.92 (1.34)
162-Syracuse-Auburn, NY	3.33 (1.14)	6.37 (1.38)	96.67 (0.89)	-6.37 (1.18)
163-Tallahassee, FL	3.87 (1.80)	7.28 (2.61)	96.13 (1.36)	-7.28 (1.47)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
164-Tampa-St. Petersburg-Clearwater, FL	4.51 (1.13)	6.83 (1.46)	95.49 (0.84)	-6.83 (0.97)
165-Texarkana, TX-Texarkana, AR	2.44 (1.41)	8.70 (2.01)	97.56 (3.12)	-8.70 (3.59)
166-Toledo-Fremont, OH	4.26 (2.10)	14.31 (2.49)	95.74 (1.32)	-14.31 (1.39)
167-Topeka, KS	2.22 (0.84)	9.19 (1.84)	97.78 (1.10)	-9.19 (1.27)
168-Traverse City, MI	3.67 (1.56)	10.09 (2.13)	96.33 (1.21)	-10.09 (1.25)
169-Tucson, AZ	2.19 (1.27)	6.03 (1.69)	97.81 (0.71)	-6.03 (1.65)
170-Tulsa-Bartlesville, OK	4.93 (2.15)	4.20 (2.28)	95.07 (2.00)	-4.20 (2.14)
171-Tupelo, MS	4.92 (1.96)	11.27 (2.55)	95.08 (3.03)	-11.27 (3.46)
172-Twin Falls, ID	1.19 (1.15)	9.68 (2.21)	98.81 (2.27)	-9.68 (2.29)
173-Virginia Beach-Norfolk-Newport News, VA-NC	4.13 (0.86)	8.52 (1.22)	95.87 (2.18)	-8.52 (2.44)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	3.04 (0.42)	6.35 (0.62)	96.96 (0.32)	-6.35 (0.57)
175-Waterloo-Cedar Falls, IA	2.57 (1.22)	11.01 (2.22)	97.43 (1.72)	-11.01 (2.13)
176-Wausau-Merrill, WI	3.25 (1.21)	9.46 (1.57)	96.75 (1.69)	-9.46 (1.87)
177-Wenatchee, WA	2.87 (1.77)	9.24 (2.33)	97.13 (2.27)	-9.24 (2.28)
178-Wichita Falls, TX	3.83 (2.27)	4.19 (2.50)	96.17 (2.45)	-4.19 (2.77)
179-Wichita-Winfield, KS	3.54 (1.43)	9.57 (1.86)	96.46 (0.79)	-9.57 (0.79)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

MOE = margin of error

Source: IPUMS USA

Table C.5b. EA-Level Utilization and Percentage Point Gap Estimates for All Onsite Construction Occupations by Race/Ethnicity, 2019

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
1-Aberdeen, SD	0.65 (1.20)	0.53 (1.79)	4.11 (4.54)	-0.06 (4.79)	7.84 (2.78)	-1.30 (3.18)	82.31 (1.97)	-1.77 (2.86)	1.04 (1.24)	0.75 (1.37)	4.05 (2.72)	1.85 (3.00)
2-Abilene, TX	-	-	1.59 (1.48)	2.55 (2.10)	-	-	49.12 (4.20)	9.51 (5.17)	0.94 (1.32)	-0.20 (1.38)	48.35 (8.72)	-12.24 (9.31)
3-Albany, GA	0.21 (0.26)	-0.07 (0.28)	19.08 (3.45)	16.71 (3.98)	0.25 (0.26)	-0.07 (0.30)	67.19 (5.19)	-12.87 (5.41)	0.30 (0.26)	0.41 (0.38)	12.96 (2.51)	-4.11 (2.65)
4-Albany-Schenectady-Amsterdam, NY	1.03 (0.61)	0.38 (0.76)	2.14 (0.85)	0.28 (0.97)	0.18 (0.20)	0.00 (0.24)	92.00 (1.57)	-0.77 (1.88)	1.40 (0.79)	0.30 (0.88)	3.25 (1.29)	-0.19 (1.39)
5-Albuquerque, NM	-	-	0.91 (0.80)	0.83 (1.08)	15.27 (2.77)	-2.81 (3.16)	19.53 (3.07)	6.77 (3.61)	0.51 (0.52)	0.64 (0.83)	63.79 (5.82)	-6.39 (6.40)
6-Alpena, MI	-	-	0.08 (0.19)	0.01 (0.22)	1.18 (0.88)	-0.44 (0.93)	95.75 (0.97)	-0.35 (1.83)	0.93 (0.67)	1.04 (1.05)	2.06 (1.83)	-0.37 (1.90)
7-Amarillo, TX	0.05 (0.10)	2.09 (0.67)	1.25 (1.03)	2.88 (1.39)	0.54 (0.50)	0.22 (0.69)	40.23 (4.65)	-2.14 (4.81)	0.90 (0.67)	0.19 (0.86)	57.02 (3.65)	-3.23 (4.01)
8-Anchorage, AK	2.63 (1.89)	3.95 (2.28)	1.03 (1.15)	2.57 (1.78)	17.00 (4.26)	-3.18 (4.64)	64.88 (6.27)	-2.29 (6.78)	7.02 (2.64)	-1.24 (3.09)	7.44 (3.18)	0.19 (3.84)
9-Appleton-Oshkosh-Neenah, WI	0.39 (0.41)	1.49 (0.66)	2.72 (2.84)	-1.23 (2.89)	1.78 (0.85)	-0.77 (0.89)	90.57 (2.75)	-2.83 (2.86)	0.79 (0.64)	0.49 (0.78)	3.74 (1.86)	2.85 (2.12)
10-Asheville-Brevard, NC	0.06 (0.11)	0.79 (0.47)	2.10 (1.74)	1.00 (1.97)	1.53 (1.44)	-0.20 (1.52)	81.29 (4.10)	3.93 (4.29)	0.70 (0.53)	0.21 (0.61)	14.32 (3.11)	-5.73 (3.42)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	0.79 (0.23)	1.44 (0.30)	12.16 (1.30)	17.08 (1.42)	0.48 (0.23)	-0.20 (0.24)	46.98 (1.71)	1.60 (1.79)	1.05 (0.36)	0.16 (0.40)	38.54 (1.71)	-20.07 (1.79)
12-Augusta-Richmond County, GA-SC	0.67 (0.75)	-0.06 (0.82)	27.85 (5.11)	18.41 (5.60)	0.04 (0.07)	0.23 (0.19)	54.93 (3.03)	-9.36 (3.56)	1.37 (1.26)	-0.21 (1.34)	15.15 (3.74)	-9.02 (3.85)
13-Austin-Round Rock, TX	0.18 (0.16)	1.52 (0.43)	2.33 (0.76)	5.31 (1.08)	0.13 (0.15)	0.20 (0.21)	27.73 (1.91)	11.50 (2.21)	1.01 (0.95)	0.13 (1.01)	68.62 (3.33)	-18.65 (3.64)
14-Bangor, ME	-	-	0.23 (0.40)	0.16 (0.51)	0.76 (0.44)	0.02 (0.51)	96.29 (2.84)	0.42 (2.93)	1.76 (1.24)	-0.86 (1.30)	0.96 (0.89)	0.18 (1.08)
15-Baton Rouge-Pierre Part, LA	1.40 (1.83)	-0.43 (1.88)	25.55 (3.62)	13.21 (4.43)	0.45 (0.44)	0.37 (0.60)	56.01 (4.91)	-4.08 (5.14)	0.27 (0.33)	0.88 (0.73)	16.32 (3.31)	-9.96 (3.45)
16-Beaumont-Port Arthur, TX	0.78 (0.61)	0.76 (0.78)	14.90 (4.42)	6.68 (4.84)	0.72 (0.92)	-0.28 (0.98)	48.16 (4.41)	8.02 (4.78)	0.07 (0.12)	0.50 (0.40)	35.37 (5.02)	-15.67 (5.29)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
17-Bend-Prineville, OR	-	-	0.36 (0.71)	-0.24 (0.73)	1.54 (0.89)	0.86 (1.13)	80.95 (6.46)	-7.14 (7.37)	1.43 (1.18)	0.23 (1.50)	15.72 (6.01)	5.78 (6.64)
18-Billings, MT	0.41 (0.51)	-0.22 (0.53)	1.58 (1.67)	-0.11 (1.79)	5.40 (1.55)	-1.55 (1.72)	81.89 (3.74)	3.63 (3.94)	1.50 (1.04)	0.30 (1.17)	9.22 (2.82)	-2.05 (2.98)
19-Birmingham-Hoover-Cullman, AL	0.12 (0.16)	0.26 (0.24)	17.55 (3.01)	12.25 (3.29)	0.43 (0.43)	-0.25 (0.45)	66.54 (3.54)	-3.51 (3.68)	0.67 (0.37)	0.24 (0.46)	14.69 (2.32)	-8.98 (2.39)
20-Bismarck, ND	0.51 (0.94)	-0.27 (0.97)	3.77 (3.65)	-0.93 (3.87)	3.12 (1.70)	-0.38 (1.95)	86.14 (2.84)	-0.77 (2.91)	1.80 (1.71)	0.04 (1.83)	4.66 (2.03)	2.30 (2.37)
21-Boise City-Nampa, ID	0.54 (0.50)	0.02 (0.59)	0.09 (0.22)	0.59 (0.46)	0.86 (1.00)	0.23 (1.06)	73.67 (4.20)	-1.33 (4.79)	1.47 (0.95)	0.50 (1.10)	23.38 (4.86)	-0.01 (5.01)
22-Boston-Worcester-Manchester, MA-NH	1.62 (0.35)	2.10 (0.49)	3.27 (0.52)	1.60 (0.61)	0.29 (0.24)	-0.02 (0.26)	80.22 (1.34)	-6.60 (1.51)	2.50 (0.49)	-0.13 (0.54)	12.10 (1.08)	3.05 (1.23)
23-Buffalo-Niagara-Cattaraugus, NY	0.43 (0.35)	0.76 (0.52)	3.60 (1.11)	2.38 (1.54)	0.88 (0.62)	-0.33 (0.66)	91.96 (2.19)	-3.40 (2.19)	0.67 (0.44)	0.39 (0.55)	2.46 (1.14)	0.20 (1.24)
24-Burlington-South Burlington, VT	1.90 (1.52)	1.07 (2.21)	0.47 (0.88)	0.56 (1.13)	-	-	94.92 (2.96)	-1.60 (3.23)	1.97 (1.28)	-0.51 (1.44)	0.75 (0.82)	0.38 (1.02)
25-Cape Girardeau-Jackson, MO-IL	0.10 (0.19)	0.01 (0.22)	1.26 (0.92)	2.21 (1.20)	-	-	95.31 (2.82)	-2.80 (2.91)	0.75 (1.00)	0.12 (1.10)	2.58 (1.16)	0.40 (1.38)
26-Casper, WY	0.29 (0.29)	-0.11 (0.31)	0.44 (0.76)	0.07 (0.85)	2.88 (2.03)	-1.46 (2.13)	80.64 (2.26)	3.00 (2.80)	0.79 (0.63)	0.78 (0.90)	14.96 (3.83)	-2.28 (4.17)
27-Cedar Rapids, IA	0.51 (0.65)	0.91 (0.78)	2.30 (1.92)	2.85 (2.36)	0.04 (0.07)	0.29 (0.26)	85.57 (3.42)	-3.80 (3.43)	0.41 (0.35)	0.71 (0.87)	11.16 (3.90)	-0.95 (4.12)
28-Champaign-Urbana, IL	0.13 (0.23)	0.58 (0.52)	1.68 (1.28)	2.31 (1.52)	-	-	94.67 (0.13)	-4.34 (0.88)	1.47 (0.99)	-0.27 (1.08)	2.04 (1.17)	1.58 (1.40)
29-Charleston, WV	0.03 (0.05)	0.10 (0.13)	0.96 (0.56)	0.58 (0.72)	0.40 (0.56)	-0.08 (0.60)	96.40 (1.63)	-0.08 (1.97)	1.56 (1.10)	-0.86 (1.15)	0.65 (0.38)	0.34 (0.50)
30-Charleston-North Charleston, SC	0.62 (0.44)	0.36 (0.58)	22.76 (3.62)	18.94 (4.34)	0.06 (0.14)	0.45 (0.34)	49.96 (5.23)	-2.84 (5.47)	2.30 (2.17)	-0.95 (2.20)	24.31 (3.74)	-15.97 (3.90)
31-Charlotte-Gastonia-Salisbury, NC-SC	0.51 (0.32)	1.95 (0.48)	8.36 (1.46)	14.54 (1.77)	0.46 (0.32)	-0.15 (0.33)	52.23 (1.51)	5.34 (1.73)	1.12 (0.50)	0.20 (0.59)	37.32 (2.50)	-21.88 (2.58)
32-Chicago-Naperville-Michigan City, IL-IN-WI	1.06 (0.30)	1.53 (0.37)	4.78 (0.56)	6.98 (0.74)	0.11 (0.18)	0.05 (0.20)	58.70 (0.94)	-9.83 (1.22)	0.88 (0.28)	0.26 (0.33)	34.47 (1.67)	1.00 (1.83)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	0.28 (0.34)	1.34 (0.56)	4.27 (1.34)	7.46 (1.81)	0.12 (0.12)	0.30 (0.47)	86.28 (1.73)	-5.44 (1.81)	1.10 (0.56)	0.00 (0.63)	7.95 (1.93)	-3.67 (1.98)
34-Clarksburg, WV + Morgantown, WV	-	-	0.35 (0.59)	1.42 (1.09)	1.06 (1.71)	-0.77 (1.77)	97.58 (2.72)	-1.55 (3.03)	0.40 (0.65)	0.36 (0.82)	0.61 (0.55)	0.54 (0.73)
35-Cleveland-Akron-Elyria, OH	0.25 (0.26)	0.86 (0.35)	6.20 (1.02)	3.53 (1.15)	0.11 (0.12)	-0.01 (0.13)	88.00 (0.94)	-5.24 (1.00)	0.99 (0.38)	0.46 (0.45)	4.45 (0.98)	0.40 (1.04)
36-Colorado Springs, CO	0.74 (0.74)	0.92 (1.02)	2.17 (1.34)	2.40 (1.74)	0.67 (0.72)	0.30 (0.82)	60.51 (3.21)	4.29 (3.25)	1.63 (1.16)	0.82 (1.37)	34.27 (5.23)	-8.73 (5.60)
37-Columbia, MO	0.69 (0.84)	0.10 (0.93)	2.72 (1.60)	2.09 (1.88)	1.09 (0.98)	-0.64 (1.02)	91.16 (2.43)	-3.06 (2.74)	1.46 (0.96)	0.13 (1.08)	2.88 (1.49)	1.39 (1.72)
38-Columbia-Newberry, SC	0.03 (0.06)	0.56 (0.31)	25.74 (3.67)	18.98 (4.17)	0.08 (0.11)	0.19 (0.19)	54.45 (2.46)	-7.97 (2.54)	1.25 (0.77)	0.06 (0.82)	18.45 (3.85)	-11.84 (3.95)
39-Columbus-Auburn-Opelika, GA-AL	-	-	24.83 (6.43)	23.78 (7.19)	0.48 (0.63)	-0.36 (0.63)	61.63 (6.86)	-18.61 (7.23)	1.95 (1.21)	-0.84 (1.29)	11.11 (3.78)	-4.57 (4.16)
40-Columbus-Marion-Chillicothe, OH	0.25 (0.28)	1.33 (0.44)	4.11 (1.31)	6.69 (1.68)	0.10 (0.12)	0.13 (0.17)	85.82 (1.53)	-4.10 (1.77)	2.38 (0.90)	-0.83 (0.95)	7.35 (1.86)	-3.21 (1.93)
41-Corpus Christi-Kingsville, TX	0.05 (0.12)	0.28 (0.22)	1.88 (1.71)	0.26 (1.81)	0.18 (0.27)	-0.04 (0.31)	11.94 (1.91)	4.67 (2.43)	0.41 (0.37)	0.08 (0.46)	85.54 (5.05)	-5.24 (5.46)
42-Dallas-Fort Worth, TX	0.54 (0.14)	1.79 (0.25)	3.38 (0.51)	10.12 (0.73)	0.52 (0.18)	0.24 (0.21)	27.57 (0.85)	10.71 (1.02)	0.88 (0.27)	0.43 (0.31)	67.10 (1.56)	-23.29 (1.68)
43-Davenport-Moline-Rock Island, IA-IL	0.26 (0.29)	1.01 (0.58)	0.12 (0.20)	4.59 (1.10)	0.12 (0.24)	0.13 (0.32)	91.88 (2.51)	-8.94 (2.60)	0.86 (0.71)	0.29 (0.87)	6.76 (2.46)	2.91 (2.74)
44-Dayton-Springfield-Greenville, OH	0.26 (0.33)	0.46 (0.39)	4.54 (1.86)	3.60 (2.04)	0.00 (0.01)	0.13 (0.08)	89.39 (1.77)	-2.70 (2.22)	0.64 (0.56)	0.54 (0.64)	5.18 (2.64)	-2.03 (2.68)
45-Denver-Aurora-Boulder, CO	0.39 (0.19)	1.84 (0.35)	1.14 (0.43)	2.13 (0.58)	0.46 (0.22)	0.38 (0.29)	48.77 (1.56)	8.50 (1.87)	1.21 (0.44)	0.35 (0.53)	48.03 (2.42)	-13.19 (2.57)
46-Des Moines-Newton-Pella, IA	0.10 (0.21)	3.02 (0.67)	0.92 (0.97)	2.63 (1.31)	0.10 (0.07)	0.22 (0.19)	83.98 (1.90)	-2.53 (2.01)	1.13 (1.10)	-0.15 (1.15)	13.77 (2.45)	-3.19 (2.65)
47-Detroit-Warren-Flint, MI	0.11 (0.11)	1.26 (0.22)	6.46 (0.95)	11.48 (1.19)	0.43 (0.29)	-0.09 (0.31)	81.31 (2.18)	-8.89 (2.21)	1.61 (0.63)	0.02 (0.67)	10.09 (1.39)	-3.78 (1.44)
48-Dothan-Enterprise-Ozark, AL	0.27 (0.58)	0.05 (0.60)	24.20 (5.91)	15.19 (6.39)	0.81 (0.69)	-0.54 (0.71)	62.61 (4.45)	-8.44 (5.02)	2.16 (1.22)	-0.98 (1.27)	9.94 (4.08)	-5.27 (4.18)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
49-Dover, DE	1.50 (1.05)	-0.57 (1.12)	10.39 (3.09)	13.17 (4.15)	0.26 (0.35)	0.15 (0.46)	69.48 (4.91)	-7.24 (5.20)	1.32 (0.95)	0.27 (1.17)	17.05 (4.27)	-5.78 (4.51)
50-Duluth, MN-WI	0.06 (0.07)	0.48 (0.34)	0.29 (0.59)	0.05 (0.66)	3.13 (1.26)	-1.31 (1.34)	94.00 (1.15)	0.60 (1.52)	1.37 (1.41)	0.18 (1.54)	1.15 (0.53)	0.00 (0.71)
51-El Paso, TX	0.08 (0.14)	0.19 (0.25)	0.76 (0.71)	1.68 (1.00)	0.59 (0.43)	0.15 (0.53)	15.07 (3.05)	1.29 (3.31)	0.21 (0.22)	-0.01 (0.26)	83.30 (2.87)	-3.30 (3.10)
52-Erie, PA	-	-	0.89 (1.01)	1.35 (1.33)	0.55 (0.66)	-0.30 (0.70)	96.25 (2.29)	-3.13 (2.68)	1.15 (1.19)	0.26 (1.37)	1.17 (1.42)	0.67 (1.60)
53-Eugene-Springfield, OR	0.34 (0.46)	-0.04 (0.51)	0.11 (0.35)	0.97 (0.56)	1.11 (0.86)	0.37 (0.99)	84.13 (1.15)	-1.93 (1.94)	3.24 (1.39)	-0.86 (1.55)	11.09 (3.71)	1.49 (4.01)
54-Evansville, IN-KY	0.04 (0.07)	0.40 (0.18)	1.24 (0.74)	2.77 (0.99)	0.21 (0.36)	-0.04 (0.40)	94.33 (2.11)	-2.41 (2.14)	0.99 (1.14)	-0.13 (1.18)	3.19 (1.71)	-0.59 (1.78)
55-Fargo-Wahpeton, ND-MN	1.12 (0.95)	0.44 (1.32)	1.68 (1.71)	2.05 (2.05)	5.89 (2.88)	-3.69 (2.96)	83.90 (2.69)	2.54 (3.14)	1.51 (0.87)	0.50 (1.11)	5.89 (3.20)	-1.84 (3.35)
56-Farmington, NM	-	-	0.30 (0.49)	-0.14 (0.53)	31.17 (5.64)	0.86 (6.63)	46.55 (6.46)	-3.24 (7.06)	0.36 (0.53)	1.11 (1.20)	21.62 (6.41)	1.10 (7.15)
57-Fayetteville-Springdale-Rogers, AR-MO	0.03 (0.07)	1.49 (0.44)	0.25 (0.27)	0.52 (0.41)	7.29 (1.78)	1.53 (2.03)	66.31 (4.01)	-1.88 (4.59)	2.61 (1.03)	1.05 (1.24)	23.50 (4.01)	-2.71 (4.39)
58-Flagstaff, AZ	-	-	1.20 (2.10)	-0.74 (2.17)	22.12 (3.60)	-9.08 (3.93)	65.17 (8.07)	7.68 (8.76)	0.47 (0.61)	0.03 (0.69)	11.04 (4.86)	1.56 (5.32)
59-Fort Smith, AR-OK	0.96 (1.25)	1.30 (1.48)	2.50 (2.02)	1.52 (2.25)	11.08 (3.17)	-2.24 (3.37)	62.32 (6.60)	2.10 (6.99)	6.86 (1.79)	-1.10 (1.94)	16.28 (4.58)	-1.60 (4.79)
60-Fort Wayne-Huntington-Auburn, IN	0.21 (0.27)	1.32 (0.56)	1.17 (0.80)	2.84 (1.09)	0.45 (0.51)	-0.22 (0.52)	85.61 (3.26)	-0.48 (3.33)	1.77 (0.92)	-0.28 (1.01)	10.78 (3.22)	-3.17 (3.35)
61-Fresno-Madera, CA	1.85 (1.11)	3.48 (1.38)	0.71 (0.48)	0.96 (0.61)	1.80 (1.57)	-1.15 (1.59)	34.89 (2.71)	-10.40 (2.96)	1.13 (0.73)	0.22 (0.82)	59.63 (4.25)	6.89 (4.34)
62-Gainesville, FL	0.87 (0.84)	-0.11 (0.93)	14.34 (4.74)	0.83 (5.53)	0.06 (0.11)	0.03 (0.14)	77.12 (7.76)	-2.74 (8.28)	0.53 (0.56)	0.84 (0.87)	7.10 (2.45)	1.15 (2.93)
63-Grand Forks, ND-MN	1.56 (1.32)	-0.91 (1.36)	0.91 (1.36)	1.43 (1.67)	6.99 (2.67)	-3.73 (2.76)	81.18 (2.41)	6.08 (2.84)	1.88 (1.29)	0.40 (1.49)	7.48 (4.37)	-3.28 (4.50)
64-Grand Rapids-Muskegon-Holland, MI	0.16 (0.16)	2.33 (0.52)	2.82 (1.07)	4.00 (1.32)	0.50 (0.33)	-0.10 (0.39)	82.84 (2.70)	-5.91 (2.90)	1.42 (0.91)	0.56 (1.04)	12.26 (2.46)	-0.88 (2.60)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
65-Great Falls, MT	-	-	1.01 (1.15)	-0.71 (1.18)	8.83 (3.69)	-1.77 (4.09)	83.52 (4.10)	3.70 (4.33)	1.56 (1.41)	0.71 (1.86)	5.08 (2.73)	-1.93 (3.09)
66-Greensboro--Winston-Salem--High Point, NC	0.45 (0.31)	1.29 (0.48)	8.16 (1.93)	11.38 (2.29)	0.59 (0.44)	-0.25 (0.46)	57.71 (2.83)	4.51 (3.08)	1.82 (1.28)	-0.45 (1.33)	31.27 (3.18)	-16.48 (3.29)
67-Greenville, NC	0.01 (0.03)	0.59 (0.39)	17.30 (5.25)	11.77 (5.81)	0.38 (0.47)	-0.16 (0.50)	63.02 (6.21)	-6.64 (6.41)	0.44 (0.37)	1.28 (0.77)	18.84 (3.98)	-6.83 (4.24)
68-Greenville-Spartanburg-Anderson, SC	0.08 (0.14)	1.25 (0.44)	8.97 (2.21)	16.54 (2.73)	0.40 (0.32)	-0.19 (0.33)	64.91 (4.69)	-3.27 (4.69)	0.71 (0.45)	0.57 (0.61)	24.94 (3.15)	-14.90 (3.23)
69-Gulfport-Biloxi-Pascagoula, MS	1.35 (2.73)	0.04 (2.84)	12.64 (3.94)	5.58 (4.95)	0.04 (0.16)	0.07 (0.20)	67.50 (6.95)	3.30 (7.35)	1.04 (1.13)	0.78 (1.54)	17.43 (4.26)	-9.76 (4.58)
70-Harrisburg-Carlisle-Lebanon, PA	0.18 (0.13)	1.56 (0.52)	1.55 (0.72)	3.48 (0.96)	0.15 (0.15)	-0.02 (0.18)	92.82 (1.52)	-8.87 (1.66)	0.92 (0.47)	-0.05 (0.55)	4.39 (1.23)	3.90 (1.50)
71-Harrisonburg, VA	0.28 (0.43)	-0.03 (0.47)	1.02 (0.79)	2.39 (1.21)	0.78 (1.25)	-0.44 (1.29)	87.57 (2.98)	-0.49 (3.35)	0.67 (0.71)	0.21 (0.87)	9.67 (3.04)	-1.64 (3.39)
72-Hartford-West Hartford-Willimantic, CT	1.12 (0.61)	1.44 (0.80)	5.20 (1.64)	2.34 (1.88)	0.09 (0.11)	0.02 (0.13)	77.06 (2.29)	-7.50 (2.56)	1.80 (1.29)	-0.18 (1.33)	14.73 (3.36)	3.88 (3.63)
73-Helena, MT	0.48 (0.93)	-0.29 (0.98)	0.07 (0.15)	0.08 (0.22)	1.30 (0.78)	1.25 (1.36)	94.49 (0.99)	-2.75 (1.62)	0.91 (1.17)	0.74 (1.48)	2.75 (1.88)	0.96 (2.38)
74-Honolulu, HI	29.23 (2.54)	3.44 (3.12)	0.93 (0.62)	1.02 (0.87)	12.64 (2.42)	-0.14 (2.63)	18.49 (2.71)	0.00 (3.13)	27.34 (3.40)	-3.80 (3.79)	11.38 (3.20)	-0.52 (3.43)
75-Houston-Baytown-Huntsville, TX	0.85 (0.19)	1.72 (0.31)	5.80 (0.93)	8.34 (1.13)	0.09 (0.06)	0.10 (0.10)	18.36 (1.01)	7.96 (1.20)	0.35 (0.11)	0.42 (0.17)	74.55 (1.41)	-18.53 (1.46)
76-Huntsville-Decatur, AL	0.13 (0.22)	0.41 (0.40)	6.70 (2.14)	8.25 (2.58)	0.68 (0.57)	0.21 (0.69)	68.35 (2.43)	3.24 (2.52)	1.00 (0.77)	0.56 (0.99)	23.15 (4.33)	-12.67 (4.44)
77-Idaho Falls-Blackfoot, ID	1.07 (1.41)	-0.54 (1.45)	-	-	3.23 (2.07)	-1.83 (2.15)	82.23 (2.93)	1.74 (2.96)	0.80 (0.78)	0.50 (1.00)	12.68 (4.34)	-0.16 (4.57)
78-Indianapolis-Anderson-Columbus, IN	0.48 (0.31)	1.18 (0.46)	2.34 (0.67)	5.55 (0.98)	0.24 (0.19)	0.05 (0.22)	81.87 (1.45)	-1.40 (1.48)	0.69 (0.37)	0.73 (0.45)	14.39 (1.71)	-6.11 (1.81)
79-Jacksonville, FL	0.87 (0.65)	1.10 (0.78)	13.75 (2.53)	8.57 (2.94)	0.22 (0.22)	0.22 (0.33)	64.51 (3.60)	-3.43 (3.71)	1.36 (0.77)	0.12 (0.89)	19.29 (3.05)	-6.58 (3.19)
80-Jackson-Yazoo City, MS	0.09 (0.10)	0.03 (0.15)	31.85 (3.12)	16.65 (3.58)	0.92 (0.58)	-0.39 (0.60)	60.42 (2.41)	-12.53 (2.53)	0.33 (0.35)	0.14 (0.39)	6.39 (1.47)	-3.90 (1.51)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	-	-	1.04 (0.77)	0.65 (0.86)	0.23 (0.27)	-0.11 (0.29)	92.81 (2.14)	1.53 (2.42)	1.59 (1.76)	-1.03 (1.78)	4.33 (1.42)	-1.22 (1.53)
82-Jonesboro, AR	0.03 (0.08)	0.06 (0.15)	5.61 (2.44)	15.65 (3.22)	-	-	81.83 (6.06)	-8.91 (6.33)	3.45 (2.11)	-1.93 (2.16)	9.08 (4.03)	-5.09 (4.16)
83-Joplin, MO	0.20 (0.36)	0.54 (0.44)	0.65 (0.98)	0.55 (1.05)	5.83 (1.68)	-1.22 (1.80)	83.16 (4.35)	-0.60 (4.56)	2.05 (1.06)	1.54 (1.25)	8.11 (2.39)	-0.80 (2.64)
84-Kansas City-Overland Park-Kansas City, MO-KS	0.54 (0.54)	1.22 (0.71)	4.03 (1.23)	5.03 (1.48)	0.85 (0.45)	-0.14 (0.50)	75.04 (1.41)	0.30 (1.58)	1.47 (0.70)	0.46 (0.80)	18.08 (2.26)	-6.86 (2.37)
85-Kearney, NE	0.66 (1.23)	-0.36 (1.30)	0.07 (0.20)	2.63 (1.02)	-	-	71.84 (4.06)	3.87 (4.27)	0.97 (1.12)	0.78 (1.35)	26.46 (7.05)	-7.11 (7.53)
86-Kennewick-Richland-Pasco, WA	1.15 (1.18)	0.09 (1.27)	0.30 (0.40)	0.47 (0.59)	1.71 (1.57)	-0.76 (1.61)	59.56 (2.69)	-13.90 (4.11)	1.26 (0.91)	0.59 (1.17)	36.01 (7.36)	13.51 (7.60)
87-Killeen-Temple-Fort Hood, TX	0.53 (0.62)	0.66 (0.74)	5.28 (2.08)	7.87 (2.44)	0.24 (0.32)	0.62 (0.48)	43.09 (2.86)	5.35 (3.28)	0.64 (0.42)	0.64 (0.60)	50.21 (4.30)	-15.13 (4.59)
88-Knoxville-Sevierville-La Follette, TN	-	-	1.43 (0.98)	2.93 (1.32)	0.40 (0.41)	-0.04 (0.44)	82.41 (3.41)	5.74 (3.56)	0.52 (0.59)	0.27 (0.67)	15.25 (2.65)	-9.31 (2.71)
89-La Crosse, WI-MN	0.08 (0.30)	1.52 (0.82)	0.36 (0.51)	0.67 (0.79)	0.31 (0.36)	0.46 (0.73)	96.58 (1.16)	-4.28 (1.56)	0.55 (0.60)	-0.04 (0.69)	2.11 (1.52)	1.66 (1.77)
90-Lafayette-Acadiana, LA	1.30 (1.85)	-0.23 (1.90)	17.63 (4.15)	4.31 (4.49)	0.53 (0.36)	-0.18 (0.42)	65.13 (5.93)	4.29 (6.44)	0.91 (0.87)	0.34 (1.03)	14.49 (3.13)	-8.53 (3.25)
91-Lake Charles-Jennings, LA	-	-	14.09 (4.95)	2.98 (5.48)	1.69 (1.62)	-0.86 (1.78)	75.40 (4.24)	-1.13 (4.92)	1.97 (1.86)	-0.52 (1.97)	6.86 (2.72)	-0.93 (3.10)
92-Las Vegas-Paradise-Pahrump, NV	1.25 (0.49)	1.42 (0.67)	2.82 (0.83)	2.84 (1.19)	1.67 (0.67)	0.07 (0.75)	38.65 (2.32)	9.38 (2.68)	1.59 (0.70)	0.49 (0.84)	54.02 (4.64)	-14.20 (4.83)
93-Lewiston, ID-WA	0.78 (1.09)	0.55 (1.63)	-	-	0.60 (0.70)	0.44 (0.96)	89.10 (7.28)	-6.32 (7.43)	2.90 (2.20)	-0.51 (2.60)	6.61 (5.90)	5.50 (6.22)
94-Lexington-Fayette--Frankfort--Richmond, KY	0.20 (0.21)	0.32 (0.34)	3.02 (1.33)	2.44 (1.59)	0.12 (0.29)	0.08 (0.33)	87.33 (1.44)	0.35 (1.58)	1.82 (1.21)	-0.49 (1.28)	7.52 (2.00)	-2.70 (2.10)
95-Lincoln, NE	0.25 (0.49)	3.28 (1.20)	1.29 (1.33)	2.15 (2.07)	0.95 (1.58)	-0.12 (1.77)	80.45 (3.19)	0.77 (4.39)	3.23 (4.90)	-1.58 (5.04)	13.83 (5.75)	-4.51 (6.12)
96-Little Rock-North Little Rock-Pine Bluff, AR	0.02 (0.03)	0.51 (0.21)	8.87 (2.51)	10.73 (2.75)	0.27 (0.25)	0.23 (0.35)	74.39 (3.24)	-4.27 (3.50)	2.30 (1.29)	-1.06 (1.33)	14.15 (2.12)	-6.14 (2.22)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
97-Los Angeles-Long Beach-Riverside, CA	2.51 (0.23)	2.92 (0.34)	2.00 (0.25)	1.68 (0.34)	0.47 (0.14)	-0.05 (0.15)	21.12 (0.75)	-2.70 (0.85)	0.90 (0.16)	0.25 (0.20)	73.00 (0.91)	-2.10 (0.97)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	0.29 (0.25)	0.35 (0.30)	4.17 (1.48)	6.61 (1.81)	0.20 (0.38)	0.08 (0.41)	83.03 (1.79)	-2.66 (2.07)	1.77 (1.39)	-0.55 (1.44)	10.55 (2.95)	-3.82 (2.99)
99-Lubbock-Levelland, TX	-	-	2.34 (1.28)	1.10 (1.47)	0.30 (0.33)	0.05 (0.38)	35.65 (4.08)	-0.24 (4.32)	0.94 (0.77)	-0.16 (0.86)	60.77 (4.57)	-1.31 (4.94)
100-Macon-Warner Robins-Fort Valley, GA	0.10 (0.18)	0.15 (0.24)	23.75 (4.35)	18.72 (4.72)	0.01 (0.03)	0.06 (0.09)	62.84 (4.07)	-12.22 (4.40)	0.67 (0.63)	-0.25 (0.66)	12.63 (3.18)	-6.45 (3.28)
101-Madison-Baraboo, WI	0.41 (0.37)	0.32 (0.46)	0.51 (0.41)	1.42 (0.60)	0.91 (0.53)	-0.09 (0.57)	94.24 (1.40)	-4.10 (1.62)	1.03 (0.56)	-0.13 (0.63)	2.91 (1.33)	2.59 (1.49)
102-Marinette, WI-MI	-	-	0.27 (0.48)	0.63 (1.16)	4.58 (2.68)	-1.63 (2.81)	92.60 (2.14)	-0.14 (2.75)	1.90 (1.32)	0.05 (1.47)	0.65 (1.03)	0.50 (1.12)
103-Mason City, IA	0.44 (1.08)	0.15 (1.15)	0.20 (0.51)	0.66 (0.80)	-	-	94.89 (3.20)	-1.10 (3.24)	0.23 (0.38)	0.22 (0.50)	4.24 (2.38)	0.03 (2.83)
104-McAllen-Edinburg-Pharr, TX	-	-	0.36 (0.50)	0.34 (0.58)	0.13 (0.20)	0.00 (0.22)	1.76 (0.73)	2.40 (0.93)	0.03 (0.07)	0.14 (0.18)	97.73 (1.67)	-3.07 (1.92)
105-Memphis, TN-MS-AR	0.23 (0.22)	0.35 (0.29)	17.80 (2.41)	21.57 (2.75)	0.11 (0.16)	0.03 (0.18)	62.89 (1.47)	-10.47 (1.76)	1.23 (0.56)	-0.28 (0.63)	17.73 (2.37)	-11.21 (2.43)
106-Miami-Fort Lauderdale-Miami Beach, FL	0.31 (0.15)	0.43 (0.21)	13.02 (1.72)	4.48 (1.87)	0.11 (0.07)	-0.01 (0.08)	21.60 (1.46)	-0.06 (1.67)	1.01 (0.42)	-0.07 (0.45)	63.95 (1.30)	-4.75 (1.58)
107-Midland-Odessa, TX	-	-	2.18 (0.90)	0.60 (1.06)	1.12 (0.80)	-0.54 (0.84)	25.39 (3.34)	6.23 (3.64)	0.43 (0.46)	-0.04 (0.53)	70.88 (5.13)	-6.72 (5.54)
108-Milwaukee-Racine-Waukesha, WI	0.27 (0.22)	2.64 (0.53)	3.54 (1.57)	6.10 (1.87)	0.38 (0.31)	0.34 (0.39)	82.65 (2.24)	-9.35 (2.30)	0.98 (0.57)	0.00 (0.63)	12.18 (2.84)	0.27 (2.93)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	0.60 (0.25)	3.96 (0.43)	1.53 (0.62)	3.26 (0.84)	1.02 (0.28)	-0.33 (0.30)	87.76 (1.42)	-6.25 (1.46)	1.51 (0.51)	-0.04 (0.54)	7.58 (1.27)	-0.61 (1.37)
110-Minot, ND	1.34 (1.21)	-1.03 (1.23)	4.43 (4.00)	-0.24 (4.26)	6.88 (3.06)	-3.49 (3.23)	77.17 (2.95)	5.31 (3.76)	1.42 (1.17)	1.13 (1.40)	8.76 (4.90)	-1.68 (5.08)
111-Missoula, MT	-	-	1.00 (1.40)	-0.60 (1.42)	4.11 (2.01)	-0.64 (2.35)	93.69 (4.94)	-1.60 (5.30)	0.57 (0.65)	1.79 (1.55)	0.63 (0.70)	1.02 (1.41)
112-Mobile-Daphne-Fairhope, AL	0.33 (0.55)	1.04 (0.75)	20.55 (4.10)	13.37 (4.56)	2.32 (1.90)	-0.85 (1.99)	62.02 (4.59)	-4.78 (4.92)	4.98 (7.50)	-3.59 (7.58)	9.80 (3.96)	-5.20 (4.08)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
113-Monroe-Bastrop, LA	-	-	20.80 (7.83)	13.07 (8.59)	0.90 (0.82)	-0.19 (0.88)	68.64 (4.84)	-7.36 (5.34)	0.43 (0.61)	0.48 (0.72)	9.23 (5.44)	-6.34 (5.50)
114-Montgomery-Alexander City, AL	0.16 (0.37)	0.28 (0.46)	24.85 (4.38)	20.10 (4.73)	0.27 (0.32)	-0.02 (0.39)	63.04 (6.28)	-14.00 (6.76)	1.24 (0.86)	-0.33 (0.93)	10.44 (3.54)	-6.03 (3.62)
115-Myrtle Beach-Conway-Georgetown, SC	0.58 (0.69)	-0.18 (0.74)	15.12 (3.18)	18.80 (3.75)	2.83 (1.31)	-1.61 (1.35)	59.92 (1.09)	-5.57 (1.89)	0.99 (0.61)	0.11 (0.72)	20.56 (3.72)	-11.54 (3.83)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	0.24 (0.25)	1.33 (0.39)	5.64 (1.22)	7.04 (1.50)	0.19 (0.16)	0.24 (0.22)	66.87 (0.68)	6.67 (0.88)	0.81 (0.34)	0.80 (0.47)	26.24 (2.39)	-16.08 (2.47)
117-New Orleans-Metairie-Bogalusa, LA	0.72 (0.38)	1.11 (0.55)	17.48 (1.83)	9.95 (2.34)	0.88 (0.90)	0.19 (0.98)	48.93 (3.07)	6.23 (3.41)	1.83 (0.78)	-0.44 (0.86)	30.15 (3.38)	-17.04 (3.57)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	3.46 (0.39)	1.72 (0.44)	8.77 (0.46)	3.80 (0.63)	0.13 (0.08)	0.00 (0.09)	46.13 (0.76)	-4.42 (0.85)	2.29 (0.30)	-0.39 (0.35)	39.22 (1.31)	-0.71 (1.42)
119-Oklahoma City-Shawnee, OK	0.37 (0.35)	1.66 (0.54)	4.37 (1.43)	1.23 (1.63)	3.97 (0.90)	0.40 (1.01)	53.73 (2.49)	3.52 (2.73)	3.58 (0.89)	0.30 (1.02)	33.98 (3.06)	-7.13 (3.15)
120-Omaha-Council Bluffs-Fremont, NE-IA	-	-	2.24 (1.24)	2.40 (1.43)	0.47 (0.31)	0.17 (0.39)	76.76 (1.90)	-0.27 (2.20)	1.15 (0.61)	0.18 (0.71)	19.37 (3.71)	-4.36 (3.87)
121-Orlando-The Villages, FL	0.51 (0.23)	0.71 (0.31)	8.20 (1.18)	4.30 (1.41)	0.30 (0.24)	0.14 (0.29)	48.33 (2.29)	1.50 (2.49)	1.95 (0.67)	-0.30 (0.74)	40.72 (2.66)	-6.35 (2.87)
122-Paducah, KY-IL	-	-	2.50 (1.41)	5.08 (2.26)	-	-	93.50 (4.03)	-5.71 (4.18)	0.31 (0.44)	0.56 (0.57)	3.69 (2.34)	-0.39 (2.49)
123-Panama City-Lynn Haven, FL	0.22 (0.28)	0.50 (0.63)	11.00 (5.46)	2.96 (5.90)	0.18 (0.21)	0.37 (0.53)	74.14 (2.48)	1.19 (3.63)	1.92 (1.84)	-0.46 (2.01)	12.54 (4.81)	-4.56 (5.05)
124-Pendleton-Hermiston, OR	-	-	0.46 (0.62)	-0.14 (0.69)	6.17 (5.02)	-2.21 (5.21)	79.82 (5.06)	-11.71 (6.02)	1.45 (1.28)	0.11 (1.75)	12.10 (5.87)	13.60 (6.60)
125-Pensacola-Ferry Pass-Brent, FL	0.33 (0.39)	1.22 (0.75)	10.54 (3.97)	2.54 (4.28)	0.30 (0.40)	0.16 (0.50)	72.06 (4.20)	1.52 (4.45)	1.13 (0.77)	1.25 (1.02)	15.64 (4.33)	-6.70 (4.56)
126-Peoria-Canton, IL	0.51 (0.51)	0.46 (0.59)	1.79 (0.98)	2.03 (1.27)	0.03 (0.09)	0.17 (0.19)	92.41 (2.35)	-3.41 (2.47)	0.53 (0.35)	0.19 (0.46)	4.73 (1.28)	0.57 (1.49)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	1.22 (0.40)	2.60 (0.54)	8.41 (1.28)	6.36 (1.55)	0.21 (0.15)	-0.04 (0.16)	71.72 (1.22)	-9.00 (1.40)	1.82 (0.64)	-0.01 (0.71)	16.62 (2.54)	0.09 (2.67)
128-Phoenix-Mesa-Scottsdale, AZ	0.34 (0.16)	1.23 (0.30)	1.59 (0.53)	2.54 (0.64)	5.82 (0.78)	-1.02 (0.87)	32.79 (1.57)	7.00 (1.81)	1.14 (0.62)	0.32 (0.71)	58.33 (2.30)	-10.06 (2.62)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
129-Pittsburgh-New Castle, PA	0.15 (0.12)	0.43 (0.22)	3.66 (1.39)	0.71 (1.55)	0.09 (0.11)	0.06 (0.14)	93.56 (1.29)	-1.25 (1.31)	0.98 (0.52)	0.14 (0.60)	1.56 (0.67)	-0.09 (0.72)
130-Portland-Lewiston-South Portland, ME	0.54 (0.55)	0.85 (0.88)	0.20 (0.23)	0.83 (0.45)	0.49 (0.48)	-0.03 (0.60)	97.08 (2.32)	-2.50 (2.37)	1.10 (0.82)	0.29 (0.94)	0.59 (0.51)	0.56 (0.72)
131-Portland-Vancouver-Beaverton, OR-WA	1.12 (0.53)	3.01 (0.83)	1.13 (0.41)	0.29 (0.50)	0.87 (0.33)	0.42 (0.39)	70.31 (2.32)	-1.08 (2.36)	2.91 (0.79)	-0.19 (0.89)	23.65 (2.19)	-2.46 (2.38)
132-Pueblo, CO	-	-	1.37 (1.56)	0.85 (1.84)	0.04 (0.09)	1.46 (0.87)	59.14 (2.83)	-2.17 (2.90)	0.35 (0.33)	1.11 (0.86)	39.11 (6.15)	-1.34 (6.74)
133-Raleigh-Durham-Cary, NC	0.48 (0.32)	0.77 (0.39)	13.97 (1.89)	18.60 (2.21)	4.93 (0.81)	-1.95 (0.85)	41.98 (1.97)	1.48 (2.21)	0.86 (0.38)	0.63 (0.49)	37.78 (2.01)	-19.53 (2.14)
134-Rapid City, SD	0.04 (0.10)	0.07 (0.19)	2.39 (2.39)	0.72 (2.61)	4.80 (1.98)	0.15 (2.30)	78.69 (5.66)	0.65 (5.98)	2.44 (2.19)	-1.03 (2.28)	11.64 (5.83)	-0.55 (6.15)
135-Redding, CA	0.36 (0.48)	1.00 (0.86)	-	-	3.52 (2.12)	-1.31 (2.23)	80.60 (3.96)	-11.75 (4.89)	0.89 (0.66)	0.47 (0.83)	14.63 (4.26)	10.96 (4.57)
136-Reno-Sparks, NV	0.63 (0.50)	0.93 (0.73)	0.13 (0.19)	1.31 (0.50)	1.39 (0.54)	1.10 (0.71)	61.49 (4.06)	2.34 (4.55)	0.48 (0.32)	1.23 (0.67)	35.87 (4.89)	-6.91 (5.35)
137-Richmond, VA	0.55 (0.29)	0.92 (0.48)	15.47 (3.03)	16.54 (3.40)	0.54 (0.55)	-0.20 (0.58)	60.76 (2.63)	-6.32 (2.91)	1.05 (0.54)	0.43 (0.72)	21.64 (2.27)	-11.39 (2.46)
138-Roanoke, VA	0.71 (0.79)	-0.04 (0.85)	5.81 (2.00)	4.36 (2.40)	0.16 (0.19)	0.03 (0.23)	85.52 (2.74)	-1.11 (2.82)	0.97 (0.99)	0.12 (1.11)	6.84 (2.46)	-3.36 (2.56)
139-Rochester-Batavia-Seneca Falls, NY	0.80 (0.72)	0.82 (0.80)	3.34 (1.16)	1.78 (1.55)	0.12 (0.16)	0.06 (0.22)	89.02 (1.48)	-2.62 (1.59)	1.57 (1.22)	-0.20 (1.30)	5.16 (1.70)	0.16 (1.87)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.43 (0.72)	4.82 (1.03)	2.49 (1.15)	1.31 (1.37)	1.54 (0.69)	0.25 (0.76)	55.68 (2.46)	-3.26 (2.79)	2.24 (0.58)	0.66 (0.78)	35.61 (2.54)	-3.78 (2.77)
141-Salina, KS	-	-	2.98 (2.33)	-0.59 (2.82)	-	-	87.44 (3.81)	0.25 (3.98)	0.44 (0.79)	0.86 (1.07)	9.14 (6.32)	-1.39 (6.58)
142-Salt Lake City-Ogden-Clearfield, UT	0.35 (0.22)	1.79 (0.41)	0.49 (0.34)	0.49 (0.43)	2.87 (0.70)	-0.31 (0.79)	63.10 (2.02)	4.66 (2.46)	1.22 (0.51)	0.58 (0.63)	31.98 (3.12)	-7.21 (3.27)
143-San Angelo, TX	-	-	0.55 (0.79)	1.16 (1.07)	0.41 (0.66)	-0.22 (0.69)	44.75 (3.55)	6.16 (4.53)	0.28 (0.32)	0.27 (0.45)	54.02 (8.32)	-7.58 (8.85)
144-San Antonio, TX	0.15 (0.22)	0.50 (0.33)	0.90 (0.34)	3.39 (0.62)	0.07 (0.08)	0.10 (0.12)	19.27 (1.41)	6.31 (1.78)	0.46 (0.23)	0.53 (0.33)	79.15 (3.03)	-10.84 (3.29)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
145-San Diego-Carlsbad-San Marcos, CA	2.08 (0.61)	5.18 (1.00)	2.96 (0.93)	1.21 (1.21)	1.04 (0.64)	0.20 (0.74)	33.88 (2.31)	-1.46 (2.78)	1.16 (0.42)	0.85 (0.60)	58.88 (3.52)	-5.98 (3.65)
146-San Jose-San Francisco-Oakland, CA	5.18 (0.63)	7.05 (0.80)	1.78 (0.35)	2.02 (0.47)	0.97 (0.20)	0.10 (0.24)	33.17 (1.14)	-2.37 (1.31)	2.00 (0.39)	0.26 (0.45)	56.90 (1.76)	-7.06 (1.83)
147-Santa Fe-Espanola, NM	-	-	1.31 (1.44)	0.73 (2.06)	2.58 (1.49)	1.53 (2.55)	22.57 (4.04)	6.18 (5.36)	0.26 (0.34)	1.73 (1.69)	73.28 (8.46)	-10.26 (9.18)
148-Sarasota-Bradenton-Venice, FL	0.17 (0.21)	0.41 (0.31)	3.82 (0.88)	3.13 (1.15)	0.08 (0.12)	0.07 (0.15)	48.37 (3.59)	4.30 (4.13)	1.28 (0.77)	-0.42 (0.82)	46.29 (3.46)	-7.49 (3.78)
149-Savannah-Hinesville-Fort Stewart, GA	0.28 (0.34)	0.25 (0.42)	24.35 (3.99)	15.98 (4.33)	0.07 (0.11)	0.36 (0.22)	54.06 (3.39)	-5.59 (3.74)	0.90 (0.63)	0.07 (0.70)	20.34 (3.24)	-11.09 (3.35)
150-Scotts Bluff, NE	0.21 (0.28)	-0.11 (0.33)	2.27 (3.55)	-0.88 (3.69)	3.85 (5.17)	-2.22 (5.36)	78.18 (1.68)	7.89 (3.30)	0.20 (0.35)	0.89 (1.11)	15.30 (8.50)	-5.56 (8.86)
151-Scranton--Wilkes-Barre, PA	0.09 (0.17)	1.05 (0.49)	1.96 (1.93)	0.33 (2.03)	0.13 (0.34)	-0.05 (0.35)	91.85 (1.77)	-9.35 (2.24)	0.41 (0.47)	0.67 (0.66)	5.55 (3.13)	7.34 (3.56)
152-Seattle-Tacoma-Olympia, WA	2.92 (0.73)	3.60 (0.90)	2.21 (0.60)	2.13 (0.74)	1.10 (0.35)	1.09 (0.47)	66.82 (1.67)	-0.93 (1.88)	3.82 (0.63)	0.48 (0.77)	23.12 (1.93)	-6.37 (2.06)
153-Shreveport-Bossier City-Minden, LA	-	-	26.59 (5.51)	8.04 (5.83)	0.43 (0.41)	0.55 (0.57)	60.41 (4.89)	-2.01 (5.40)	1.84 (1.75)	-0.37 (1.86)	10.73 (2.35)	-6.69 (2.44)
154-Sioux City-Vermillion, IA-NE-SD	0.28 (0.40)	1.80 (0.62)	1.11 (1.15)	0.84 (1.28)	0.90 (0.50)	0.01 (0.57)	80.27 (3.17)	-3.25 (3.37)	0.74 (0.52)	0.58 (0.68)	16.71 (4.03)	0.02 (4.21)
155-Sioux Falls, SD	0.27 (0.49)	2.12 (0.93)	1.20 (0.85)	2.64 (1.25)	3.13 (1.33)	0.19 (1.56)	86.24 (1.49)	-4.58 (2.20)	0.78 (0.64)	0.39 (0.79)	8.38 (3.56)	-0.76 (3.79)
156-South Bend-Mishawaka, IN-MI	0.30 (0.30)	0.23 (0.36)	2.84 (1.36)	2.08 (1.57)	0.52 (0.32)	-0.22 (0.35)	85.03 (2.61)	-4.36 (2.68)	1.05 (0.66)	0.69 (0.80)	10.25 (2.52)	1.58 (2.68)
157-Spokane, WA	0.48 (0.36)	1.11 (0.70)	0.50 (0.51)	-0.02 (0.59)	1.67 (0.99)	0.48 (1.18)	89.10 (2.89)	-4.14 (3.04)	1.58 (0.76)	1.18 (1.04)	6.66 (2.62)	1.39 (2.86)
158-Springfield, IL	0.17 (0.28)	0.21 (0.36)	1.66 (1.03)	1.89 (1.26)	0.04 (0.13)	0.13 (0.20)	95.72 (1.64)	-3.19 (1.92)	0.73 (0.47)	0.45 (0.65)	1.66 (0.99)	0.52 (1.08)
159-Springfield, MO	0.13 (0.27)	1.07 (0.57)	0.63 (0.80)	0.74 (0.96)	0.73 (0.73)	0.31 (0.84)	90.40 (2.06)	-1.58 (2.09)	1.12 (0.76)	0.22 (0.86)	7.00 (1.69)	-0.76 (1.94)
160-St. Louis-St. Charles-Farmington, MO-IL	0.45 (0.41)	0.35 (0.46)	6.26 (1.72)	5.31 (1.98)	0.04 (0.05)	0.11 (0.09)	88.18 (1.22)	-5.66 (1.33)	0.83 (0.43)	0.60 (0.50)	4.25 (1.24)	-0.72 (1.31)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
161-State College, PA	-	-	0.79 (0.71)	-0.02 (0.81)	-	-	97.91 (0.94)	-0.85 (1.02)	0.37 (0.37)	0.11 (0.43)	0.93 (0.81)	0.30 (0.89)
162-Syracuse-Auburn, NY	0.55 (0.41)	0.95 (0.54)	2.36 (0.78)	0.52 (0.91)	0.20 (0.17)	0.47 (0.32)	93.28 (1.34)	-1.65 (1.39)	1.28 (0.52)	-0.03 (0.60)	2.32 (0.79)	-0.25 (0.88)
163-Tallahassee, FL	0.34 (0.51)	0.13 (0.64)	22.50 (3.71)	7.95 (4.68)	0.22 (0.30)	0.06 (0.43)	63.60 (4.29)	-5.52 (4.34)	1.57 (1.38)	-0.59 (1.47)	11.76 (2.64)	-2.04 (2.88)
164-Tampa-St. Petersburg-Clearwater, FL	0.60 (0.29)	1.17 (0.43)	7.87 (1.65)	4.15 (1.96)	0.47 (0.47)	-0.16 (0.49)	49.82 (1.77)	3.20 (2.01)	1.52 (0.57)	-0.13 (0.63)	39.71 (3.38)	-8.21 (3.66)
165-Texarkana, TX-Texarkana, AR	0.91 (1.19)	-0.25 (1.23)	2.83 (1.49)	7.73 (2.24)	3.14 (1.44)	0.37 (1.59)	76.57 (4.41)	-5.18 (5.21)	6.08 (2.37)	-2.13 (2.45)	10.48 (2.41)	-0.54 (2.69)
166-Toledo-Fremont, OH	0.23 (0.44)	0.37 (0.53)	3.39 (2.09)	5.31 (2.50)	0.04 (0.09)	0.12 (0.16)	86.37 (1.75)	-3.94 (1.81)	2.28 (2.62)	-0.93 (2.66)	7.68 (1.95)	-0.93 (2.07)
167-Topeka, KS	-	-	2.47 (1.22)	1.83 (1.52)	2.18 (1.28)	-1.07 (1.34)	80.54 (1.56)	-0.93 (1.86)	1.75 (1.22)	-0.16 (1.34)	13.06 (4.99)	-0.54 (5.27)
168-Traverse City, MI	-	-	0.35 (0.62)	0.46 (0.76)	1.69 (0.99)	-0.87 (1.07)	93.93 (0.77)	-2.16 (1.39)	1.44 (1.05)	0.50 (1.18)	2.59 (1.66)	1.75 (1.81)
169-Tucson, AZ	0.40 (0.52)	1.36 (0.83)	1.93 (1.96)	0.38 (2.10)	1.61 (0.69)	0.14 (0.82)	29.67 (3.80)	7.76 (4.33)	1.03 (0.53)	0.20 (0.69)	65.36 (3.81)	-9.83 (4.21)
170-Tulsa-Bartlesville, OK	0.07 (0.09)	1.49 (0.38)	3.29 (1.38)	1.88 (1.52)	9.95 (1.77)	1.19 (1.93)	53.35 (2.98)	9.02 (3.28)	7.31 (2.29)	-0.45 (2.41)	26.04 (2.97)	-13.12 (3.08)
171-Tupelo, MS	0.12 (0.23)	-0.01 (0.25)	20.33 (5.71)	13.80 (6.01)	0.16 (0.27)	-0.06 (0.28)	73.69 (2.37)	-12.73 (2.65)	0.63 (0.55)	0.01 (0.69)	5.08 (2.37)	-1.01 (2.47)
172-Twin Falls, ID	-	-	0.42 (1.07)	0.23 (1.23)	0.11 (0.27)	0.40 (0.42)	75.09 (7.01)	-10.09 (7.63)	2.84 (3.27)	-1.82 (3.37)	21.54 (6.06)	10.37 (6.79)
173-Virginia Beach-Norfolk-Newport News, VA-NC	1.19 (0.43)	1.13 (0.63)	24.31 (2.85)	10.82 (3.22)	0.43 (0.28)	0.08 (0.34)	56.66 (2.17)	-5.34 (2.47)	1.84 (0.65)	0.24 (0.78)	15.57 (2.74)	-6.93 (2.84)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	1.60 (0.27)	1.38 (0.38)	11.05 (1.10)	9.72 (1.30)	0.28 (0.13)	-0.01 (0.16)	41.78 (1.20)	8.70 (1.31)	1.24 (0.32)	0.43 (0.40)	44.05 (1.75)	-20.21 (1.84)
175-Waterloo-Cedar Falls, IA	0.21 (0.53)	0.62 (0.71)	1.97 (1.73)	1.88 (2.05)	0.18 (0.14)	0.39 (0.30)	89.93 (3.24)	0.15 (3.91)	0.18 (0.19)	0.33 (0.45)	7.53 (3.03)	-3.37 (3.11)
176-Wausau-Merrill, WI	0.02 (0.06)	1.38 (0.47)	0.43 (0.47)	0.38 (0.56)	2.48 (1.36)	-1.49 (1.39)	94.15 (1.10)	-0.89 (1.13)	0.98 (0.84)	0.13 (0.91)	1.94 (0.81)	0.48 (0.94)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
177-Wenatchee, WA	0.17 (0.21)	0.60 (0.61)	0.02 (0.05)	0.30 (0.35)	2.68 (2.11)	-0.88 (2.20)	77.69 (1.04)	-12.79 (2.37)	1.44 (1.07)	0.10 (1.24)	18.00 (6.41)	12.67 (6.82)
178-Wichita Falls, TX	0.13 (0.23)	0.67 (0.42)	1.81 (1.16)	0.58 (1.33)	0.89 (0.75)	-0.16 (0.80)	51.78 (5.63)	-1.58 (5.96)	0.81 (0.66)	-0.10 (0.79)	44.58 (4.67)	0.59 (4.86)
179-Wichita-Winfield, KS	0.50 (0.38)	2.61 (0.76)	2.57 (1.13)	1.70 (1.32)	0.85 (0.36)	0.43 (0.47)	67.53 (1.93)	-0.25 (2.40)	1.34 (0.61)	0.57 (0.74)	27.21 (3.98)	-5.06 (4.20)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

Table C.6a. EA-Level Utilization and Percentage Point Gap Estimates for Craft Workers by Sex, 2019

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
1-Aberdeen, SD	1.41 (1.32)	6.44 (2.23)	98.59 (2.10)	-6.44 (2.19)
2-Abilene, TX	1.88 (1.78)	4.33 (2.32)	98.12 (3.85)	-4.33 (3.90)
3-Albany, GA	3.41 (1.34)	8.47 (1.80)	96.59 (1.49)	-8.47 (1.66)
4-Albany-Schenectady-Amsterdam, NY	2.47 (1.23)	5.93 (1.67)	97.53 (1.52)	-5.93 (1.63)
5-Albuquerque, NM	3.10 (1.46)	5.48 (2.06)	96.90 (3.55)	-5.48 (3.99)
6-Alpena, MI	4.95 (2.20)	6.79 (2.76)	95.05 (1.67)	-6.79 (1.72)
7-Amarillo, TX	2.33 (1.73)	4.73 (2.00)	97.67 (2.08)	-4.73 (2.46)
8-Anchorage, AK	3.29 (1.64)	3.30 (2.17)	96.71 (3.08)	-3.30 (3.71)
9-Appleton-Oshkosh-Neenah, WI	2.58 (1.32)	12.09 (1.99)	97.42 (2.06)	-12.09 (2.23)
10-Asheville-Brevard, NC	1.88 (1.13)	10.91 (1.93)	98.12 (1.91)	-10.91 (2.37)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	4.31 (0.76)	9.46 (0.89)	95.69 (0.44)	-9.46 (0.50)
12-Augusta-Richmond County, GA-SC	1.98 (1.39)	11.83 (2.28)	98.02 (2.00)	-11.83 (2.32)
13-Austin-Round Rock, TX	2.86 (0.89)	5.93 (1.25)	97.14 (1.20)	-5.93 (1.68)
14-Bangor, ME	2.88 (2.04)	5.72 (2.78)	97.12 (1.09)	-5.72 (1.64)
15-Baton Rouge-Pierre Part, LA	4.92 (2.32)	2.27 (2.56)	95.08 (1.52)	-2.27 (1.53)
16-Beaumont-Port Arthur, TX	4.83 (2.23)	1.10 (2.55)	95.17 (1.82)	-1.10 (2.12)
17-Bend-Prineville, OR	3.77 (2.89)	4.52 (3.50)	96.23 (4.17)	-4.52 (4.77)
18-Billings, MT	2.95 (1.38)	3.43 (1.65)	97.05 (1.78)	-3.43 (2.31)
19-Birmingham-Hoover-Cullman, AL	4.50 (1.27)	9.19 (1.67)	95.50 (2.33)	-9.19 (2.53)
20-Bismarck, ND	3.43 (2.32)	2.47 (2.80)	96.57 (0.97)	-2.47 (1.17)
21-Boise City-Nampa, ID	2.83 (1.94)	6.70 (2.22)	97.17 (2.01)	-6.70 (2.50)
22-Boston-Worcester-Manchester, MA-NH	2.60 (0.47)	9.25 (0.80)	97.40 (0.94)	-9.25 (0.97)
23-Buffalo-Niagara-Cattaraugus, NY	2.99 (1.53)	8.03 (1.85)	97.01 (0.56)	-8.03 (1.34)
24-Burlington-South Burlington, VT	5.56 (3.59)	5.06 (4.29)	94.44 (2.13)	-5.06 (3.14)
25-Cape Girardeau-Jackson, MO-IL	1.93 (1.79)	9.40 (2.42)	98.07 (2.58)	-9.40 (2.98)
26-Casper, WY	5.48 (2.63)	2.89 (2.88)	94.52 (2.31)	-2.89 (2.49)
27-Cedar Rapids, IA	3.06 (1.57)	11.05 (2.28)	96.94 (1.85)	-11.05 (2.08)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
28-Champaign-Urbana, IL	3.80 (1.86)	8.36 (2.22)	96.20 (2.55)	-8.36 (2.84)
29-Charleston, WV	2.73 (1.46)	3.94 (1.70)	97.27 (2.07)	-3.94 (2.12)
30-Charleston-North Charleston, SC	5.41 (2.30)	7.74 (2.82)	94.59 (3.66)	-7.74 (3.79)
31-Charlotte-Gastonia-Salisbury, NC-SC	4.64 (0.99)	9.20 (1.19)	95.36 (1.28)	-9.20 (1.31)
32-Chicago-Naperville-Michigan City, IL-IN-WI	3.05 (0.63)	11.05 (0.95)	96.95 (0.86)	-11.05 (0.91)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	2.43 (0.92)	12.25 (1.57)	97.57 (1.53)	-12.25 (1.82)
34-Clarksburg, WV + Morgantown, WV	1.83 (1.54)	3.62 (2.12)	98.17 (0.95)	-3.62 (1.56)
35-Cleveland-Akron-Elyria, OH	4.15 (1.10)	9.93 (1.27)	95.85 (0.47)	-9.93 (0.77)
36-Colorado Springs, CO	3.17 (1.41)	5.98 (1.88)	96.83 (2.46)	-5.98 (2.68)
37-Columbia, MO	4.11 (1.73)	7.81 (2.22)	95.89 (2.56)	-7.81 (3.02)
38-Columbia-Newberry, SC	4.93 (1.86)	9.96 (2.22)	95.07 (1.37)	-9.96 (1.76)
39-Columbus-Auburn-Opelika, GA-AL	3.84 (2.41)	11.33 (3.64)	96.16 (4.99)	-11.33 (5.02)
40-Columbus-Marion-Chillicothe, OH	3.75 (1.51)	9.91 (1.80)	96.25 (1.15)	-9.91 (1.47)
41-Corpus Christi-Kingsville, TX	2.00 (1.30)	3.86 (1.56)	98.00 (2.08)	-3.86 (2.14)
42-Dallas-Fort Worth, TX	2.63 (0.48)	7.49 (0.67)	97.37 (0.60)	-7.49 (0.62)
43-Davenport-Moline-Rock Island, IA-IL	3.86 (1.62)	9.28 (2.34)	96.14 (2.73)	-9.28 (2.79)
44-Dayton-Springfield-Greenville, OH	3.43 (1.47)	14.16 (1.98)	96.57 (1.70)	-14.16 (1.77)
45-Denver-Aurora-Boulder, CO	3.86 (0.84)	5.60 (1.07)	96.14 (1.16)	-5.60 (1.23)
46-Des Moines-Newton-Pella, IA	2.61 (1.13)	9.53 (1.53)	97.39 (0.69)	-9.53 (1.36)
47-Detroit-Warren-Flint, MI	3.91 (0.79)	12.16 (1.12)	96.09 (1.24)	-12.16 (1.30)
48-Dothan-Enterprise-Ozark, AL	3.03 (1.66)	11.97 (2.50)	96.97 (3.49)	-11.97 (3.55)
49-Dover, DE	2.81 (2.16)	7.46 (2.68)	97.19 (3.14)	-7.46 (3.34)
50-Duluth, MN-WI	5.14 (2.85)	3.69 (3.08)	94.86 (1.43)	-3.69 (1.81)
51-El Paso, TX	1.59 (0.95)	5.54 (1.27)	98.41 (1.70)	-5.54 (2.15)
52-Erie, PA	3.75 (1.99)	5.05 (2.56)	96.25 (2.45)	-5.05 (2.82)
53-Eugene-Springfield, OR	2.06 (1.23)	7.27 (2.06)	97.94 (2.26)	-7.27 (2.79)
54-Evansville, IN-KY	2.58 (1.27)	10.99 (1.75)	97.42 (0.36)	-10.99 (1.61)
55-Fargo-Wahpeton, ND-MN	4.92 (3.03)	6.98 (3.54)	95.08 (2.58)	-6.98 (3.16)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
56-Farmington, NM	4.30 (2.53)	3.56 (3.20)	95.70 (3.58)	-3.56 (4.23)
57-Fayetteville-Springdale-Rogers, AR-MO	4.03 (2.10)	10.01 (2.44)	95.97 (1.72)	-10.01 (2.09)
58-Flagstaff, AZ	3.32 (1.88)	5.26 (2.56)	96.68 (3.36)	-5.26 (4.36)
59-Fort Smith, AR-OK	2.57 (2.08)	10.91 (2.61)	97.43 (1.72)	-10.91 (2.00)
60-Fort Wayne-Huntington-Auburn, IN	5.46 (1.94)	13.92 (2.42)	94.54 (2.38)	-13.92 (2.39)
61-Fresno-Madera, CA	1.97 (1.00)	8.82 (1.32)	98.03 (1.56)	-8.82 (1.83)
62-Gainesville, FL	2.66 (1.73)	7.47 (3.11)	97.34 (4.58)	-7.47 (4.90)
63-Grand Forks, ND-MN	5.14 (3.48)	5.91 (3.81)	94.86 (2.26)	-5.91 (2.93)
64-Grand Rapids-Muskegon-Holland, MI	3.96 (1.38)	15.47 (1.91)	96.04 (2.25)	-15.47 (2.30)
65-Great Falls, MT	3.11 (2.75)	2.95 (3.05)	96.89 (2.69)	-2.95 (3.61)
66-Greensboro--Winston-Salem--High Point, NC	4.20 (1.51)	9.74 (1.79)	95.80 (1.63)	-9.74 (1.72)
67-Greenville, NC	5.62 (2.58)	7.20 (3.23)	94.38 (1.65)	-7.20 (1.96)
68-Greenville-Spartanburg-Anderson, SC	3.14 (1.48)	15.61 (2.06)	96.86 (2.16)	-15.61 (2.37)
69-Gulfport-Biloxi-Pascagoula, MS	7.95 (4.47)	-0.56 (4.64)	92.05 (3.39)	0.56 (3.49)
70-Harrisburg-Carlisle-Lebanon, PA	2.79 (1.60)	8.42 (1.87)	97.21 (0.94)	-8.42 (1.17)
71-Harrisonburg, VA	3.45 (1.88)	8.42 (2.53)	96.55 (2.50)	-8.42 (2.62)
72-Hartford-West Hartford-Willimantic, CT	3.16 (0.93)	9.31 (1.33)	96.84 (1.51)	-9.31 (1.94)
73-Helena, MT	2.79 (1.93)	5.11 (2.71)	97.21 (2.34)	-5.11 (2.86)
74-Honolulu, HI	1.80 (1.05)	4.52 (1.34)	98.20 (2.29)	-4.52 (2.67)
75-Houston-Baytown-Huntsville, TX	2.91 (0.57)	4.70 (0.75)	97.09 (1.02)	-4.70 (1.07)
76-Huntsville-Decatur, AL	3.90 (2.22)	11.64 (2.71)	96.10 (2.55)	-11.64 (3.00)
77-Idaho Falls-Blackfoot, ID	4.12 (2.47)	5.76 (3.24)	95.88 (3.13)	-5.76 (3.17)
78-Indianapolis-Anderson-Columbus, IN	3.04 (0.90)	13.73 (1.25)	96.96 (0.98)	-13.73 (0.99)
79-Jacksonville, FL	3.10 (1.40)	5.89 (1.76)	96.90 (0.92)	-5.89 (1.20)
80-Jackson-Yazoo City, MS	3.22 (1.22)	9.96 (1.59)	96.78 (1.40)	-9.96 (1.54)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	2.18 (0.94)	8.16 (1.65)	97.82 (0.69)	-8.16 (0.96)
82-Jonesboro, AR	3.12 (2.43)	8.73 (2.98)	96.88 (2.00)	-8.73 (2.49)
83-Joplin, MO	2.98 (1.66)	8.60 (2.31)	97.02 (1.43)	-8.60 (1.77)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
84-Kansas City-Overland Park-Kansas City, MO-KS	2.57 (0.68)	9.87 (1.09)	97.43 (0.94)	-9.87 (1.15)
85-Kearney, NE	2.50 (1.77)	11.05 (2.96)	97.50 (2.62)	-11.05 (2.86)
86-Kennewick-Richland-Pasco, WA	1.98 (1.74)	8.84 (2.08)	98.02 (1.08)	-8.84 (2.00)
87-Killeen-Temple-Fort Hood, TX	2.20 (1.20)	7.23 (1.79)	97.80 (1.92)	-7.23 (2.57)
88-Knoxville-Sevierville-La Follette, TN	3.56 (1.63)	9.57 (2.17)	96.44 (2.99)	-9.57 (3.22)
89-La Crosse, WI-MN	3.29 (1.75)	9.12 (2.35)	96.71 (0.71)	-9.12 (1.40)
90-Lafayette-Acadiana, LA	2.88 (2.04)	3.52 (2.52)	97.12 (1.82)	-3.52 (2.24)
91-Lake Charles-Jennings, LA	2.95 (1.59)	3.35 (2.48)	97.05 (1.61)	-3.35 (2.18)
92-Las Vegas-Paradise-Pahrump, NV	3.34 (1.32)	5.85 (1.50)	96.66 (2.03)	-5.85 (2.17)
93-Lewiston, ID-WA	3.60 (2.70)	6.58 (3.96)	96.40 (4.45)	-6.58 (4.80)
94-Lexington-Fayette--Frankfort--Richmond, KY	1.68 (0.67)	11.21 (1.33)	98.32 (1.40)	-11.21 (1.58)
95-Lincoln, NE	2.17 (1.83)	8.90 (3.48)	97.83 (4.12)	-8.90 (4.51)
96-Little Rock-North Little Rock-Pine Bluff, AR	4.09 (1.51)	7.33 (1.78)	95.91 (1.60)	-7.33 (1.79)
97-Los Angeles-Long Beach-Riverside, CA	2.34 (0.37)	9.56 (0.52)	97.66 (0.12)	-9.56 (0.14)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	3.91 (1.30)	13.27 (1.78)	96.09 (2.10)	-13.27 (2.15)
99-Lubbock-Levelland, TX	3.12 (1.75)	4.00 (2.06)	96.88 (1.77)	-4.00 (2.10)
100-Macon-Warner Robins-Fort Valley, GA	5.01 (1.98)	7.19 (2.38)	94.99 (2.33)	-7.19 (2.72)
101-Madison-Baraboo, WI	4.11 (1.41)	9.79 (1.74)	95.89 (0.78)	-9.79 (0.99)
102-Marinette, WI-MI	4.18 (2.41)	6.08 (2.86)	95.82 (2.80)	-6.08 (3.30)
103-Mason City, IA	2.74 (2.37)	9.34 (3.52)	97.26 (2.21)	-9.34 (2.48)
104-McAllen-Edinburg-Pharr, TX	1.64 (1.01)	3.82 (1.48)	98.36 (1.82)	-3.82 (1.83)
105-Memphis, TN-MS-AR	4.09 (1.32)	12.65 (1.70)	95.91 (1.68)	-12.65 (1.85)
106-Miami-Fort Lauderdale-Miami Beach, FL	3.09 (0.75)	5.69 (0.93)	96.91 (0.92)	-5.69 (0.97)
107-Midland-Odessa, TX	2.32 (1.55)	2.41 (1.74)	97.68 (1.76)	-2.41 (1.83)
108-Milwaukee-Racine-Waukesha, WI	3.34 (1.45)	12.91 (1.89)	96.66 (0.68)	-12.91 (0.82)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	3.25 (0.77)	10.30 (1.07)	96.75 (0.86)	-10.30 (0.90)
110-Minot, ND	4.69 (3.34)	3.43 (3.65)	95.31 (2.61)	-3.43 (3.28)
111-Missoula, MT	4.26 (3.87)	4.62 (4.90)	95.74 (2.45)	-4.62 (3.72)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
112-Mobile-Daphne-Fairhope, AL	4.87 (3.09)	5.92 (3.49)	95.13 (1.79)	-5.92 (1.93)
113-Monroe-Bastrop, LA	1.70 (1.36)	8.28 (2.48)	98.30 (1.85)	-8.28 (2.68)
114-Montgomery-Alexander City, AL	2.36 (1.11)	15.27 (2.48)	97.64 (2.63)	-15.27 (2.75)
115-Myrtle Beach-Conway-Georgetown, SC	4.11 (1.87)	8.68 (2.25)	95.89 (1.62)	-8.68 (2.08)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	3.32 (1.03)	12.25 (1.34)	96.68 (0.39)	-12.25 (0.57)
117-New Orleans-Metairie-Bogalusa, LA	4.85 (1.65)	1.54 (1.91)	95.15 (0.97)	-1.54 (1.44)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	2.33 (0.33)	7.10 (0.46)	97.67 (0.31)	-7.10 (0.35)
119-Oklahoma City-Shawnee, OK	2.92 (1.26)	5.71 (1.52)	97.08 (1.49)	-5.71 (1.70)
120-Omaha-Council Bluffs-Fremont, NE-IA	2.48 (0.94)	9.56 (1.42)	97.52 (0.64)	-9.56 (1.31)
121-Orlando-The Villages, FL	3.76 (0.94)	6.32 (1.15)	96.24 (0.97)	-6.32 (1.34)
122-Paducah, KY-IL	2.09 (2.15)	10.21 (2.72)	97.91 (3.25)	-10.21 (3.67)
123-Panama City-Lynn Haven, FL	4.10 (2.23)	3.14 (2.77)	95.90 (3.56)	-3.14 (3.63)
124-Pendleton-Hermiston, OR	4.25 (3.41)	7.78 (4.27)	95.75 (2.00)	-7.78 (3.63)
125-Pensacola-Ferry Pass-Brent, FL	7.46 (4.32)	1.62 (4.65)	92.54 (2.64)	-1.62 (2.87)
126-Peoria-Canton, IL	3.80 (1.12)	6.93 (1.39)	96.20 (1.60)	-6.93 (1.71)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	3.34 (1.04)	7.79 (1.26)	96.66 (0.19)	-7.79 (0.47)
128-Phoenix-Mesa-Scottsdale, AZ	3.53 (0.88)	7.00 (1.11)	96.47 (1.01)	-7.00 (1.05)
129-Pittsburgh-New Castle, PA	2.22 (0.93)	5.37 (1.19)	97.78 (0.74)	-5.37 (1.11)
130-Portland-Lewiston-South Portland, ME	2.38 (1.17)	6.10 (1.86)	97.62 (1.11)	-6.10 (1.78)
131-Portland-Vancouver-Beaverton, OR-WA	3.49 (0.88)	6.71 (1.12)	96.51 (1.21)	-6.71 (1.37)
132-Pueblo, CO	4.42 (2.22)	4.00 (2.67)	95.58 (0.75)	-4.00 (1.92)
133-Raleigh-Durham-Cary, NC	4.29 (1.17)	9.57 (1.42)	95.71 (1.43)	-9.57 (1.62)
134-Rapid City, SD	3.88 (2.88)	3.08 (3.22)	96.12 (2.21)	-3.08 (2.47)
135-Redding, CA	1.58 (1.48)	5.67 (2.06)	98.42 (2.92)	-5.67 (3.21)
136-Reno-Sparks, NV	3.05 (1.96)	7.61 (2.36)	96.95 (2.25)	-7.61 (2.45)
137-Richmond, VA	2.96 (1.07)	6.97 (1.48)	97.04 (1.02)	-6.97 (1.10)
138-Roanoke, VA	4.53 (1.98)	8.18 (2.43)	95.47 (1.46)	-8.18 (1.79)
139-Rochester-Batavia-Seneca Falls, NY	2.77 (1.02)	9.04 (1.40)	97.23 (1.50)	-9.04 (1.91)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.87 (1.32)	6.24 (1.56)	97.13 (0.94)	-6.24 (1.02)
141-Salina, KS	0.97 (1.08)	5.45 (1.79)	99.03 (1.20)	-5.45 (2.55)
142-Salt Lake City-Ogden-Clearfield, UT	3.78 (1.40)	9.21 (1.66)	96.22 (1.44)	-9.21 (1.47)
143-San Angelo, TX	1.61 (1.40)	4.13 (1.82)	98.39 (0.46)	-4.13 (0.59)
144-San Antonio, TX	3.10 (0.98)	5.04 (1.30)	96.90 (0.26)	-5.04 (0.98)
145-San Diego-Carlsbad-San Marcos, CA	2.50 (0.80)	8.93 (1.29)	97.50 (0.97)	-8.93 (1.18)
146-San Jose-San Francisco-Oakland, CA	2.19 (0.52)	8.31 (0.68)	97.81 (0.47)	-8.31 (0.74)
147-Santa Fe-Espanola, NM	3.06 (3.74)	4.30 (4.32)	96.94 (3.03)	-4.30 (4.10)
148-Sarasota-Bradenton-Venice, FL	3.75 (1.53)	4.23 (1.77)	96.25 (0.86)	-4.23 (1.08)
149-Savannah-Hinesville-Fort Stewart, GA	3.29 (1.28)	7.82 (1.66)	96.71 (2.31)	-7.82 (2.70)
150-Scotts Bluff, NE	8.23 (6.88)	-1.06 (7.21)	91.77 (3.36)	1.06 (4.24)
151-Scranton--Wilkes-Barre, PA	1.21 (0.67)	10.82 (1.73)	98.79 (2.00)	-10.82 (2.29)
152-Seattle-Tacoma-Olympia, WA	3.94 (0.82)	6.63 (0.99)	96.06 (0.66)	-6.63 (0.67)
153-Shreveport-Bossier City-Minden, LA	2.67 (1.85)	4.84 (2.30)	97.33 (2.99)	-4.84 (3.69)
154-Sioux City-Vermillion, IA-NE-SD	4.11 (1.71)	9.45 (2.16)	95.89 (2.29)	-9.45 (2.39)
155-Sioux Falls, SD	5.36 (3.57)	7.61 (3.95)	94.64 (2.85)	-7.61 (2.87)
156-South Bend-Mishawaka, IN-MI	5.85 (2.18)	13.91 (2.52)	94.15 (2.81)	-13.91 (2.93)
157-Spokane, WA	3.09 (1.56)	7.06 (2.12)	96.91 (1.03)	-7.06 (1.74)
158-Springfield, IL	3.42 (1.74)	6.41 (2.10)	96.58 (2.39)	-6.41 (2.44)
159-Springfield, MO	4.29 (1.86)	8.23 (2.22)	95.71 (1.13)	-8.23 (1.53)
160-St. Louis-St. Charles-Farmington, MO-IL	2.46 (0.75)	9.63 (1.16)	97.54 (1.81)	-9.63 (1.86)
161-State College, PA	1.99 (0.73)	6.05 (1.15)	98.01 (0.37)	-6.05 (0.83)
162-Syracuse-Auburn, NY	3.41 (1.34)	5.72 (1.55)	96.59 (1.55)	-5.72 (1.67)
163-Tallahassee, FL	3.82 (2.19)	5.87 (2.81)	96.18 (2.28)	-5.87 (2.52)
164-Tampa-St. Petersburg-Clearwater, FL	5.02 (1.40)	5.73 (1.67)	94.98 (1.40)	-5.73 (1.41)
165-Texarkana, TX-Texarkana, AR	2.61 (1.79)	7.59 (2.38)	97.39 (3.16)	-7.59 (3.79)
166-Toledo-Fremont, OH	4.08 (2.23)	14.86 (2.83)	95.92 (1.07)	-14.86 (1.19)
167-Topeka, KS	1.90 (0.98)	8.06 (1.94)	98.10 (1.11)	-8.06 (1.13)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
168-Traverse City, MI	3.33 (1.69)	10.15 (2.24)	96.67 (1.93)	-10.15 (2.00)
169-Tucson, AZ	2.04 (1.34)	6.04 (1.77)	97.96 (1.20)	-6.04 (1.91)
170-Tulsa-Bartlesville, OK	3.72 (1.11)	4.69 (1.36)	96.28 (0.37)	-4.69 (0.93)
171-Tupelo, MS	5.31 (2.20)	11.24 (2.79)	94.69 (3.63)	-11.24 (4.11)
172-Twin Falls, ID	0.64 (0.82)	8.49 (1.99)	99.36 (1.68)	-8.49 (2.12)
173-Virginia Beach-Norfolk-Newport News, VA-NC	4.22 (0.98)	7.46 (1.35)	95.78 (2.31)	-7.46 (2.48)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	2.36 (0.42)	6.01 (0.61)	97.64 (0.33)	-6.01 (0.54)
175-Waterloo-Cedar Falls, IA	2.03 (1.15)	10.64 (2.22)	97.97 (1.41)	-10.64 (1.72)
176-Wausau-Merrill, WI	3.54 (1.46)	8.06 (1.76)	96.46 (2.13)	-8.06 (2.43)
177-Wenatchee, WA	2.11 (1.80)	7.93 (2.56)	97.89 (2.31)	-7.93 (2.53)
178-Wichita Falls, TX	3.38 (2.40)	3.21 (2.60)	96.62 (2.80)	-3.21 (3.09)
179-Wichita-Winfield, KS	3.51 (1.62)	8.85 (2.08)	96.49 (1.08)	-8.85 (1.24)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

MOE = margin of error

Source: IPUMS USA

Table C.6b. EA-Level Utilization and Percentage Point Gap Estimates for Craft Workers by Race/Ethnicity, 2019

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
1-Aberdeen, SD	0.77 (1.43)	0.31 (1.85)	4.37 (5.34)	-0.11 (5.58)	7.36 (3.25)	-1.01 (3.59)	82.43 (2.67)	-1.90 (3.83)	1.17 (1.46)	0.55 (1.62)	3.90 (2.96)	2.16 (3.38)
2-Abilene, TX	-	-	1.71 (1.77)	2.60 (2.26)	-	-	50.08 (5.60)	9.72 (6.34)	1.14 (1.61)	-0.41 (1.66)	47.07 (8.67)	-12.31 (9.28)
3-Albany, GA	0.28 (0.34)	-0.14 (0.36)	19.04 (3.75)	14.72 (4.15)	0.05 (0.06)	0.14 (0.18)	69.07 (5.39)	-11.82 (5.66)	0.37 (0.35)	0.37 (0.43)	11.18 (2.97)	-3.27 (3.12)
4-Albany-Schenectady-Amsterdam, NY	0.88 (0.70)	0.43 (0.86)	2.47 (1.04)	-0.17 (1.15)	0.11 (0.19)	0.05 (0.23)	93.11 (1.06)	-0.98 (1.45)	0.89 (0.55)	0.62 (0.68)	2.54 (1.43)	0.04 (1.52)
5-Albuquerque, NM	-	-	0.94 (0.98)	0.67 (1.17)	14.98 (3.02)	-2.86 (3.36)	20.23 (3.90)	7.28 (4.41)	0.61 (0.65)	0.36 (0.83)	63.24 (6.96)	-6.52 (7.40)
6-Alpena, MI	-	-	0.10 (0.24)	-0.02 (0.27)	1.35 (1.09)	-0.56 (1.13)	95.07 (2.01)	0.17 (2.40)	1.19 (0.85)	0.79 (1.19)	2.29 (2.36)	-0.46 (2.44)
7-Amarillo, TX	0.07 (0.14)	1.50 (0.50)	1.15 (1.26)	2.35 (1.53)	0.37 (0.38)	0.40 (0.55)	41.25 (5.12)	0.77 (5.37)	0.81 (0.75)	0.20 (0.90)	56.34 (5.07)	-5.23 (5.50)
8-Anchorage, AK	2.90 (2.15)	2.17 (2.40)	1.12 (1.30)	1.98 (1.73)	16.36 (4.77)	-4.30 (5.04)	66.17 (6.17)	0.65 (6.95)	6.27 (2.71)	-0.08 (3.40)	7.18 (3.44)	-0.42 (3.91)
9-Appleton-Oshkosh-Neenah, WI	0.48 (0.50)	1.29 (0.78)	3.02 (3.47)	-1.58 (3.51)	1.66 (0.95)	-0.58 (1.00)	89.70 (1.89)	-1.36 (2.38)	0.80 (0.62)	0.44 (0.76)	4.33 (2.23)	1.79 (2.44)
10-Asheville-Brevard, NC	-	-	2.51 (2.22)	0.57 (2.42)	1.07 (0.70)	0.17 (0.85)	80.29 (2.72)	5.50 (2.87)	0.46 (0.44)	0.39 (0.55)	15.67 (3.80)	-7.53 (4.06)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	0.75 (0.26)	1.53 (0.33)	12.51 (1.57)	15.42 (1.67)	0.41 (0.23)	-0.14 (0.24)	48.13 (1.92)	2.46 (2.02)	1.09 (0.45)	0.12 (0.48)	37.12 (2.13)	-19.39 (2.20)
12-Augusta-Richmond County, GA-SC	0.86 (0.97)	-0.12 (1.05)	25.92 (5.54)	17.49 (6.08)	0.05 (0.09)	0.24 (0.22)	56.59 (4.20)	-8.34 (4.63)	0.89 (1.15)	0.10 (1.25)	15.68 (4.25)	-9.37 (4.43)
13-Austin-Round Rock, TX	0.19 (0.20)	1.54 (0.50)	1.64 (0.67)	5.66 (1.09)	0.15 (0.21)	0.16 (0.25)	30.07 (2.17)	10.94 (2.44)	0.48 (0.28)	0.65 (0.46)	67.47 (4.69)	-18.95 (4.95)
14-Bangor, ME	-	-	0.12 (0.22)	0.20 (0.35)	0.68 (0.46)	0.04 (0.55)	96.83 (3.45)	0.30 (3.56)	1.30 (1.38)	-0.60 (1.42)	1.06 (1.06)	-0.06 (1.21)
15-Baton Rouge-Pierre Part, LA	0.24 (0.40)	0.83 (0.68)	23.09 (3.76)	11.91 (4.58)	0.28 (0.37)	0.55 (0.54)	58.56 (4.39)	-2.41 (4.75)	0.31 (0.40)	0.53 (0.60)	17.53 (3.60)	-11.41 (3.74)
16-Beaumont-Port Arthur, TX	1.00 (0.80)	0.47 (0.93)	12.34 (4.67)	6.35 (5.06)	0.95 (1.22)	-0.56 (1.25)	49.10 (4.76)	8.91 (5.15)	0.04 (0.08)	0.48 (0.35)	36.57 (5.54)	-15.65 (5.89)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
17-Bend-Prineville, OR	-	-	0.46 (0.91)	-0.36 (0.93)	1.90 (1.14)	0.31 (1.33)	82.33 (5.83)	-4.53 (6.93)	1.27 (1.23)	0.73 (1.79)	14.04 (7.03)	3.20 (7.56)
18-Billings, MT	0.50 (0.62)	-0.36 (0.63)	1.54 (1.98)	-0.04 (2.10)	5.34 (1.84)	-1.52 (2.02)	82.20 (3.56)	3.56 (3.68)	1.46 (1.18)	0.39 (1.34)	8.96 (3.39)	-2.03 (3.57)
19-Birmingham-Hoover-Cullman, AL	0.06 (0.12)	0.25 (0.18)	16.47 (3.25)	12.14 (3.56)	0.53 (0.54)	-0.29 (0.56)	67.84 (3.98)	-3.76 (4.10)	0.56 (0.43)	0.30 (0.50)	14.54 (2.46)	-8.65 (2.54)
20-Bismarck, ND	0.61 (1.14)	-0.42 (1.15)	3.80 (4.26)	-0.69 (4.51)	3.07 (1.86)	-0.29 (2.10)	86.04 (3.21)	-0.40 (3.57)	1.97 (2.09)	0.04 (2.31)	4.51 (2.67)	1.76 (3.03)
21-Boise City-Nampa, ID	0.66 (0.62)	0.01 (0.73)	0.11 (0.27)	0.60 (0.46)	0.86 (1.19)	0.36 (1.25)	72.46 (4.27)	1.10 (4.75)	1.39 (1.02)	0.63 (1.22)	24.52 (5.91)	-2.70 (6.04)
22-Boston-Worcester-Manchester, MA-NH	1.39 (0.35)	2.64 (0.53)	3.02 (0.58)	1.22 (0.67)	0.14 (0.11)	0.10 (0.14)	82.00 (1.52)	-6.04 (1.69)	2.48 (0.58)	-0.23 (0.64)	10.97 (1.42)	2.30 (1.56)
23-Buffalo-Niagara-Cattaraugus, NY	0.25 (0.31)	0.94 (0.54)	3.38 (1.35)	2.33 (1.77)	0.97 (0.73)	-0.41 (0.77)	92.34 (2.61)	-3.32 (2.65)	0.61 (0.52)	0.44 (0.62)	2.45 (1.37)	0.02 (1.45)
24-Burlington-South Burlington, VT	1.26 (1.42)	2.03 (2.45)	0.04 (0.11)	0.83 (0.63)	-	-	95.76 (2.98)	-2.19 (3.59)	2.25 (1.55)	-0.83 (1.70)	0.69 (0.92)	0.09 (1.07)
25-Cape Girardeau-Jackson, MO-IL	-	-	0.95 (1.01)	1.92 (1.25)	-	-	96.24 (2.88)	-3.05 (3.01)	0.81 (1.19)	-0.06 (1.25)	2.00 (1.38)	1.09 (1.63)
26-Casper, WY	0.29 (0.34)	-0.03 (0.38)	0.55 (0.95)	0.02 (1.03)	3.10 (2.46)	-1.69 (2.54)	80.82 (2.45)	3.18 (3.02)	0.65 (0.50)	1.26 (1.00)	14.59 (4.62)	-2.74 (4.91)
27-Cedar Rapids, IA	0.63 (0.81)	0.70 (0.93)	1.85 (1.94)	2.58 (2.36)	0.05 (0.09)	0.23 (0.22)	86.74 (3.52)	-2.93 (3.59)	0.19 (0.27)	0.80 (0.74)	10.53 (4.84)	-1.38 (5.08)
28-Champaign-Urbana, IL	0.16 (0.28)	0.46 (0.48)	1.68 (1.41)	1.86 (1.69)	-	-	94.69 (1.04)	-3.91 (1.08)	1.75 (1.21)	-0.55 (1.29)	1.72 (1.24)	2.00 (1.55)
29-Charleston, WV	-	-	0.57 (0.52)	0.76 (0.66)	0.48 (0.66)	-0.01 (0.73)	96.74 (2.44)	-0.42 (2.55)	1.46 (1.26)	-0.80 (1.30)	0.75 (0.45)	0.36 (0.59)
30-Charleston-North Charleston, SC	0.69 (0.53)	0.24 (0.64)	23.38 (4.45)	15.80 (4.96)	0.08 (0.17)	0.42 (0.33)	50.13 (5.93)	-0.19 (6.24)	0.65 (0.63)	0.78 (0.77)	25.07 (4.46)	-17.05 (4.64)
31-Charlotte-Gastonia-Salisbury, NC-SC	0.61 (0.39)	1.81 (0.54)	8.13 (1.50)	13.10 (1.85)	0.34 (0.32)	-0.08 (0.33)	51.51 (1.62)	8.04 (1.80)	0.99 (0.45)	0.30 (0.54)	38.42 (2.88)	-23.17 (2.98)
32-Chicago-Naperville-Michigan City, IL-IN-WI	1.12 (0.36)	1.52 (0.44)	4.15 (0.62)	6.88 (0.80)	0.14 (0.22)	0.02 (0.24)	62.44 (0.85)	-10.83 (1.11)	0.86 (0.29)	0.30 (0.34)	31.29 (2.06)	2.11 (2.21)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	0.35 (0.42)	1.34 (0.66)	4.00 (1.43)	6.96 (1.85)	0.15 (0.15)	0.24 (0.41)	86.77 (2.65)	-5.10 (2.75)	1.18 (0.69)	-0.06 (0.75)	7.55 (2.06)	-3.39 (2.12)
34-Clarksburg, WV + Morgantown, WV	-	-	-	-	1.27 (2.04)	-0.79 (2.18)	97.70 (1.70)	-1.27 (2.15)	0.30 (0.74)	0.31 (0.87)	0.73 (0.65)	0.25 (0.78)
35-Cleveland-Akron-Elyria, OH	0.24 (0.30)	0.92 (0.42)	6.15 (1.08)	3.15 (1.21)	0.06 (0.08)	0.03 (0.10)	88.41 (0.17)	-5.02 (0.49)	0.81 (0.39)	0.57 (0.47)	4.33 (1.12)	0.34 (1.20)
36-Colorado Springs, CO	0.77 (0.86)	0.80 (1.12)	2.27 (1.57)	2.36 (1.98)	0.77 (0.89)	0.26 (0.96)	59.47 (3.86)	5.98 (3.98)	1.71 (1.31)	0.90 (1.56)	35.01 (6.71)	-10.29 (7.00)
37-Columbia, MO	0.87 (1.04)	-0.02 (1.14)	2.05 (1.41)	2.53 (1.72)	0.96 (0.79)	-0.43 (0.86)	93.00 (2.98)	-4.15 (3.39)	0.97 (0.77)	0.49 (0.91)	2.15 (1.25)	1.59 (1.44)
38-Columbia-Newberry, SC	0.04 (0.08)	0.44 (0.29)	25.36 (3.95)	17.52 (4.32)	0.10 (0.15)	0.19 (0.22)	58.50 (3.25)	-9.95 (3.36)	1.31 (1.05)	-0.07 (1.10)	14.69 (3.77)	-8.14 (3.92)
39-Columbus-Auburn-Opelika, GA-AL	-	-	25.18 (7.19)	21.54 (8.01)	0.26 (0.61)	-0.12 (0.64)	66.18 (7.44)	-20.92 (7.79)	1.89 (1.24)	-0.78 (1.32)	6.49 (4.04)	-0.45 (4.45)
40-Columbus-Marion-Chillicothe, OH	0.10 (0.14)	1.41 (0.37)	4.43 (1.61)	5.15 (1.91)	0.12 (0.15)	0.15 (0.20)	85.68 (2.19)	-2.41 (2.42)	2.61 (1.07)	-1.09 (1.12)	7.06 (2.07)	-3.22 (2.13)
41-Corpus Christi-Kingsville, TX	0.07 (0.16)	0.32 (0.26)	1.79 (2.16)	0.17 (2.22)	0.25 (0.37)	-0.01 (0.46)	13.31 (2.25)	4.92 (2.80)	0.49 (0.47)	0.05 (0.54)	84.10 (3.90)	-5.46 (4.43)
42-Dallas-Fort Worth, TX	0.58 (0.18)	2.00 (0.30)	3.12 (0.51)	9.40 (0.73)	0.55 (0.22)	0.14 (0.24)	28.25 (0.73)	11.12 (0.93)	0.81 (0.21)	0.52 (0.26)	66.69 (1.99)	-23.18 (2.12)
43-Davenport-Moline-Rock Island, IA-IL	0.24 (0.32)	0.74 (0.52)	0.07 (0.17)	3.90 (1.06)	0.15 (0.29)	0.08 (0.34)	91.66 (2.44)	-7.00 (2.64)	0.96 (0.83)	0.15 (0.96)	6.93 (2.81)	2.12 (3.19)
44-Dayton-Springfield-Greenville, OH	0.16 (0.36)	0.57 (0.44)	4.33 (1.97)	3.63 (2.21)	0.00 (0.01)	0.11 (0.07)	90.16 (1.75)	-3.15 (2.11)	0.52 (0.58)	0.71 (0.68)	4.83 (3.22)	-1.86 (3.26)
45-Denver-Aurora-Boulder, CO	0.36 (0.21)	1.99 (0.40)	1.15 (0.48)	1.87 (0.61)	0.44 (0.26)	0.38 (0.32)	50.35 (1.59)	8.48 (1.82)	1.18 (0.56)	0.38 (0.63)	46.52 (2.79)	-13.09 (2.93)
46-Des Moines-Newton-Pella, IA	0.13 (0.26)	2.65 (0.66)	1.04 (1.19)	2.15 (1.43)	0.10 (0.07)	0.19 (0.16)	84.89 (1.37)	-1.27 (1.71)	1.15 (1.20)	-0.34 (1.23)	12.69 (3.12)	-3.37 (3.30)
47-Detroit-Warren-Flint, MI	0.13 (0.13)	1.24 (0.27)	5.75 (0.97)	12.57 (1.25)	0.49 (0.36)	-0.11 (0.39)	82.15 (2.14)	-9.86 (2.15)	1.32 (0.60)	0.31 (0.64)	10.16 (1.78)	-4.15 (1.83)
48-Dothan-Enterprise-Ozark, AL	0.32 (0.76)	-0.02 (0.78)	23.90 (6.92)	12.99 (7.35)	1.02 (0.90)	-0.70 (0.93)	65.54 (6.72)	-8.44 (7.08)	2.11 (1.46)	-0.90 (1.52)	7.11 (4.60)	-2.92 (4.70)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
49-Dover, DE	1.60 (1.09)	-0.83 (1.15)	9.40 (3.39)	11.14 (4.18)	0.29 (0.41)	0.14 (0.57)	69.98 (6.19)	-3.63 (6.48)	1.14 (0.97)	0.46 (1.21)	17.59 (5.20)	-7.28 (5.42)
50-Duluth, MN-WI	0.08 (0.08)	0.41 (0.31)	0.34 (0.69)	0.01 (0.76)	2.93 (1.26)	-1.06 (1.34)	94.89 (1.03)	-0.08 (1.26)	1.62 (1.69)	-0.01 (1.85)	0.14 (0.25)	0.73 (0.48)
51-El Paso, TX	-	-	0.84 (0.82)	1.64 (1.10)	0.29 (0.22)	0.40 (0.36)	16.95 (3.87)	0.73 (4.08)	0.18 (0.23)	0.08 (0.27)	81.73 (2.97)	-3.11 (3.20)
52-Erie, PA	-	-	1.07 (1.22)	1.03 (1.44)	0.66 (0.80)	-0.31 (0.85)	96.51 (3.14)	-3.27 (3.31)	1.38 (1.43)	0.23 (1.64)	0.38 (0.45)	1.23 (0.75)
53-Eugene-Springfield, OR	0.43 (0.59)	-0.09 (0.66)	0.13 (0.45)	0.69 (0.57)	1.11 (0.88)	0.43 (1.05)	87.29 (3.53)	-4.12 (3.73)	2.24 (1.48)	0.16 (1.65)	8.80 (4.32)	2.93 (4.58)
54-Evansville, IN-KY	0.03 (0.06)	0.40 (0.20)	0.98 (0.96)	2.53 (1.12)	0.26 (0.44)	-0.07 (0.49)	95.03 (2.59)	-2.31 (2.62)	1.15 (1.42)	-0.40 (1.44)	2.54 (1.59)	-0.15 (1.66)
55-Fargo-Wahpeton, ND-MN	0.85 (1.02)	0.86 (1.49)	0.85 (1.22)	2.62 (1.86)	5.92 (3.33)	-3.77 (3.40)	86.07 (2.30)	1.00 (2.63)	1.00 (0.74)	1.13 (1.12)	5.31 (3.92)	-1.85 (4.03)
56-Farmington, NM	-	-	0.04 (0.11)	0.06 (0.20)	29.76 (5.90)	1.96 (6.86)	48.72 (7.45)	-4.64 (8.00)	0.23 (0.48)	1.01 (1.06)	21.25 (7.94)	1.30 (8.44)
57-Fayetteville-Springdale-Rogers, AR-MO	-	-	0.09 (0.19)	0.56 (0.35)	7.50 (2.07)	1.40 (2.31)	68.90 (4.62)	-2.08 (5.03)	2.61 (1.20)	1.16 (1.40)	20.91 (4.62)	-2.37 (4.94)
58-Flagstaff, AZ	-	-	1.40 (2.60)	-1.08 (2.63)	23.28 (3.77)	-9.22 (4.17)	64.02 (9.48)	8.52 (10.18)	0.53 (0.73)	0.07 (0.82)	10.77 (5.55)	1.16 (6.03)
59-Fort Smith, AR-OK	1.27 (1.65)	0.98 (1.83)	1.60 (1.84)	1.89 (2.05)	11.65 (3.88)	-3.03 (4.05)	65.45 (7.49)	0.92 (7.71)	6.61 (2.00)	-0.75 (2.15)	13.41 (5.06)	-0.02 (5.27)
60-Fort Wayne-Huntington-Auburn, IN	0.09 (0.20)	1.24 (0.53)	0.93 (0.73)	2.78 (1.05)	0.57 (0.64)	-0.22 (0.67)	84.94 (3.54)	0.74 (3.60)	2.06 (1.06)	-0.34 (1.15)	11.41 (3.69)	-4.19 (3.80)
61-Fresno-Madera, CA	2.15 (1.46)	3.57 (1.69)	0.61 (0.48)	1.12 (0.61)	2.19 (2.07)	-1.41 (2.10)	36.07 (3.41)	-8.36 (3.65)	1.18 (0.96)	0.38 (1.06)	57.81 (5.10)	4.71 (5.19)
62-Gainesville, FL	0.74 (0.90)	-0.06 (0.98)	13.02 (6.21)	0.87 (6.90)	0.07 (0.14)	0.06 (0.19)	78.60 (8.79)	-2.56 (8.93)	0.68 (0.71)	0.64 (0.97)	6.89 (2.64)	1.05 (3.02)
63-Grand Forks, ND-MN	1.16 (1.39)	-0.51 (1.43)	1.11 (1.65)	1.17 (2.00)	6.18 (3.15)	-3.06 (3.24)	83.18 (4.31)	4.57 (4.50)	1.48 (1.13)	0.92 (1.43)	6.88 (5.09)	-3.09 (5.19)
64-Grand Rapids-Muskegon-Holland, MI	0.14 (0.16)	2.60 (0.63)	2.18 (1.07)	4.86 (1.36)	0.34 (0.36)	0.11 (0.42)	83.18 (2.99)	-6.04 (3.14)	1.57 (1.10)	0.39 (1.21)	12.59 (2.86)	-1.93 (2.98)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
65-Great Falls, MT	-	-	-	-	9.56 (4.63)	-3.26 (4.97)	84.41 (5.45)	3.48 (5.57)	0.90 (1.38)	1.57 (2.05)	5.13 (3.80)	-1.90 (4.14)
66-Greensboro--Winston-Salem--High Point, NC	0.48 (0.36)	1.16 (0.50)	7.85 (2.13)	10.94 (2.48)	0.60 (0.54)	-0.28 (0.56)	58.62 (2.83)	5.23 (2.99)	1.66 (1.33)	-0.26 (1.37)	30.80 (3.86)	-16.79 (3.97)
67-Greenville, NC	0.01 (0.04)	0.71 (0.49)	18.13 (6.21)	8.23 (6.61)	0.43 (0.57)	-0.17 (0.61)	62.99 (6.25)	-3.60 (6.46)	0.42 (0.40)	1.22 (0.74)	18.02 (4.60)	-6.40 (4.85)
68-Greenville-Spartanburg-Anderson, SC	0.10 (0.18)	1.32 (0.50)	8.10 (2.15)	16.78 (2.75)	0.11 (0.16)	0.09 (0.20)	64.93 (5.42)	-2.32 (5.43)	0.80 (0.53)	0.38 (0.64)	25.97 (3.70)	-16.24 (3.77)
69-Gulfport-Biloxi-Pascagoula, MS	0.08 (0.17)	0.91 (0.64)	12.17 (4.06)	4.48 (4.97)	-	-	70.30 (7.84)	2.64 (8.20)	0.35 (0.50)	1.35 (1.10)	17.10 (4.69)	-9.48 (4.94)
70-Harrisburg-Carlisle-Lebanon, PA	0.09 (0.13)	1.43 (0.44)	1.55 (0.81)	2.72 (1.03)	0.06 (0.15)	0.05 (0.17)	93.60 (0.83)	-7.38 (1.04)	0.63 (0.36)	0.13 (0.43)	4.07 (1.46)	3.04 (1.71)
71-Harrisonburg, VA	0.35 (0.54)	-0.06 (0.59)	0.92 (0.92)	2.26 (1.30)	0.96 (1.55)	-0.53 (1.61)	87.79 (3.47)	0.60 (3.72)	0.58 (0.78)	0.19 (0.88)	9.40 (3.80)	-2.46 (4.04)
72-Hartford-West Hartford-Willimantic, CT	1.08 (0.67)	1.73 (0.92)	4.73 (1.84)	1.60 (2.01)	0.04 (0.09)	0.07 (0.13)	79.94 (2.10)	-7.77 (2.39)	1.26 (0.68)	0.51 (0.79)	12.95 (3.68)	3.86 (3.94)
73-Helena, MT	0.58 (1.11)	-0.44 (1.14)	-	-	0.81 (0.56)	1.51 (1.30)	94.59 (1.57)	-2.39 (2.31)	0.86 (1.31)	0.94 (1.81)	3.17 (2.30)	0.30 (2.80)
74-Honolulu, HI	29.39 (2.84)	2.81 (3.33)	1.12 (0.79)	1.27 (1.08)	12.58 (2.77)	-1.38 (2.96)	18.55 (2.84)	2.02 (3.32)	25.52 (3.33)	-2.37 (3.72)	12.83 (3.92)	-2.36 (4.10)
75-Houston-Baytown-Huntsville, TX	0.88 (0.21)	1.89 (0.33)	4.95 (0.87)	8.02 (1.07)	0.10 (0.08)	0.07 (0.11)	18.78 (1.06)	8.91 (1.26)	0.36 (0.12)	0.41 (0.18)	74.92 (1.66)	-19.30 (1.74)
76-Huntsville-Decatur, AL	0.16 (0.28)	0.38 (0.43)	6.62 (2.44)	8.12 (2.91)	0.63 (0.67)	0.27 (0.78)	69.55 (2.58)	3.49 (2.65)	0.87 (0.72)	0.66 (0.96)	22.17 (5.46)	-12.92 (5.54)
77-Idaho Falls-Blackfoot, ID	1.35 (1.78)	-0.70 (1.83)	-	-	3.89 (2.62)	-2.45 (2.69)	81.74 (2.78)	3.07 (2.94)	0.64 (0.75)	0.66 (1.00)	12.38 (5.34)	-0.87 (5.56)
78-Indianapolis-Anderson-Columbus, IN	0.42 (0.32)	1.12 (0.52)	1.84 (0.74)	5.52 (1.05)	0.23 (0.25)	0.08 (0.27)	83.10 (1.93)	-1.44 (1.96)	0.69 (0.40)	0.74 (0.48)	13.72 (2.09)	-6.02 (2.17)
79-Jacksonville, FL	0.73 (0.83)	0.98 (0.90)	12.35 (2.47)	7.80 (2.82)	0.25 (0.27)	0.16 (0.35)	67.89 (3.27)	-3.75 (3.37)	1.39 (0.93)	0.06 (1.05)	17.38 (3.30)	-5.26 (3.48)
80-Jackson-Yazoo City, MS	0.11 (0.13)	0.01 (0.16)	30.63 (3.71)	15.06 (4.16)	0.83 (0.70)	-0.34 (0.71)	62.63 (2.73)	-11.60 (2.84)	0.16 (0.27)	0.25 (0.31)	5.64 (1.67)	-3.38 (1.70)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	-	-	0.70 (0.90)	0.75 (0.98)	0.19 (0.28)	-0.09 (0.29)	94.34 (1.57)	0.29 (1.86)	0.42 (0.49)	0.14 (0.57)	4.36 (1.60)	-1.26 (1.73)
82-Jonesboro, AR	-	-	5.48 (2.93)	15.21 (3.76)	-	-	82.83 (7.00)	-9.07 (7.25)	4.04 (2.50)	-2.37 (2.56)	7.65 (5.30)	-4.11 (5.41)
83-Joplin, MO	0.26 (0.46)	0.43 (0.55)	0.83 (1.26)	0.20 (1.31)	6.19 (2.28)	-1.68 (2.38)	83.72 (4.33)	-0.33 (4.52)	2.34 (1.33)	1.41 (1.52)	6.65 (2.52)	-0.03 (2.83)
84-Kansas City-Overland Park-Kansas City, MO-KS	0.62 (0.66)	1.01 (0.80)	3.26 (1.16)	5.47 (1.43)	0.91 (0.58)	-0.29 (0.62)	76.50 (1.13)	0.18 (1.39)	1.42 (0.81)	0.52 (0.90)	17.29 (2.87)	-6.89 (2.95)
85-Kearney, NE	0.89 (1.66)	-0.46 (1.77)	-	-	-	-	73.51 (6.08)	4.70 (6.18)	0.94 (1.27)	0.78 (1.47)	24.66 (8.30)	-7.17 (8.69)
86-Kennewick-Richland-Pasco, WA	1.43 (1.46)	-0.34 (1.52)	0.37 (0.49)	0.51 (0.73)	1.51 (1.91)	-0.52 (1.94)	60.01 (3.92)	-7.92 (5.17)	1.02 (0.82)	0.91 (1.17)	35.65 (8.87)	7.35 (9.18)
87-Killeen-Temple-Fort Hood, TX	0.28 (0.59)	0.89 (0.74)	4.76 (2.28)	7.55 (2.61)	0.16 (0.29)	0.82 (0.50)	46.22 (3.28)	4.84 (3.64)	0.47 (0.37)	0.83 (0.57)	48.11 (4.95)	-14.94 (5.23)
88-Knoxville-Sevierville-La Follette, TN	-	-	1.25 (1.05)	2.44 (1.32)	0.49 (0.50)	-0.09 (0.57)	83.74 (3.55)	5.21 (3.63)	0.55 (0.70)	0.23 (0.78)	13.97 (2.82)	-8.15 (2.93)
89-La Crosse, WI-MN	0.10 (0.35)	1.62 (1.02)	0.09 (0.20)	0.88 (0.57)	0.30 (0.41)	0.72 (1.07)	96.77 (1.30)	-4.42 (1.89)	0.65 (0.71)	-0.19 (0.79)	2.09 (1.77)	1.38 (2.11)
90-Lafayette-Acadiana, LA	0.26 (0.33)	0.74 (0.59)	16.92 (4.52)	3.04 (4.83)	0.15 (0.25)	0.15 (0.33)	67.55 (6.08)	4.08 (6.54)	0.71 (0.75)	0.55 (0.93)	14.41 (4.12)	-8.57 (4.23)
91-Lake Charles-Jennings, LA	-	-	12.25 (4.74)	1.83 (5.14)	1.26 (1.96)	-0.58 (2.05)	78.07 (3.80)	0.25 (4.56)	1.15 (1.09)	0.33 (1.27)	7.27 (3.28)	-2.23 (3.55)
92-Las Vegas-Paradise-Pahrump, NV	1.30 (0.61)	1.53 (0.76)	2.52 (0.96)	2.93 (1.25)	1.80 (0.81)	-0.15 (0.88)	39.68 (2.54)	10.06 (2.91)	1.80 (0.83)	0.31 (0.96)	52.89 (5.18)	-14.67 (5.35)
93-Lewiston, ID-WA	0.98 (1.37)	0.47 (1.84)	-	-	0.31 (0.56)	0.70 (0.86)	88.31 (6.50)	-2.28 (6.69)	2.75 (2.41)	-0.43 (2.76)	7.66 (7.41)	1.23 (7.82)
94-Lexington-Fayette--Frankfort--Richmond, KY	0.09 (0.11)	0.37 (0.30)	3.19 (1.63)	2.07 (1.86)	0.15 (0.36)	0.03 (0.38)	87.58 (2.12)	0.87 (2.41)	1.85 (1.36)	-0.49 (1.43)	7.13 (2.17)	-2.86 (2.26)
95-Lincoln, NE	0.31 (0.62)	2.74 (1.11)	1.39 (1.62)	1.63 (2.04)	0.02 (0.04)	0.61 (0.65)	81.80 (5.62)	1.65 (6.53)	3.94 (6.17)	-2.13 (6.28)	12.54 (6.21)	-4.51 (6.53)
96-Little Rock-North Little Rock-Pine Bluff, AR	-	-	8.46 (2.89)	9.45 (3.06)	0.18 (0.21)	0.30 (0.32)	75.47 (3.43)	-3.01 (3.64)	2.65 (1.58)	-1.37 (1.62)	13.24 (2.71)	-5.86 (2.81)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
97-Los Angeles-Long Beach-Riverside, CA	2.48 (0.28)	3.47 (0.39)	2.13 (0.34)	1.51 (0.40)	0.51 (0.17)	-0.06 (0.18)	23.76 (1.01)	-3.40 (1.11)	0.95 (0.22)	0.28 (0.25)	70.17 (1.48)	-1.79 (1.53)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	0.26 (0.25)	0.34 (0.31)	4.65 (1.83)	5.74 (2.09)	0.25 (0.47)	0.03 (0.50)	82.98 (1.36)	-1.64 (1.82)	1.60 (1.52)	-0.51 (1.56)	10.27 (3.26)	-3.96 (3.32)
99-Lubbock-Levelland, TX	-	-	2.00 (1.37)	1.30 (1.56)	0.13 (0.16)	0.22 (0.24)	36.87 (4.94)	0.56 (5.20)	1.06 (0.94)	-0.31 (1.00)	59.95 (5.96)	-2.29 (6.24)
100-Macon-Warner Robins-Fort Valley, GA	0.08 (0.21)	0.13 (0.26)	24.07 (4.89)	16.89 (5.24)	0.01 (0.04)	0.05 (0.10)	64.30 (4.56)	-11.10 (4.77)	0.67 (0.71)	-0.26 (0.74)	10.86 (3.74)	-5.71 (3.81)
101-Madison-Baraboo, WI	0.33 (0.37)	0.42 (0.48)	0.44 (0.46)	1.51 (0.70)	0.82 (0.59)	0.03 (0.65)	94.35 (1.92)	-3.80 (2.06)	1.07 (0.68)	-0.22 (0.73)	2.97 (1.63)	2.06 (1.77)
102-Marinette, WI-MI	-	-	0.27 (0.59)	0.76 (1.68)	4.92 (3.09)	-2.09 (3.18)	92.34 (2.21)	0.38 (2.98)	1.81 (1.37)	0.04 (1.52)	0.67 (1.15)	0.39 (1.25)
103-Mason City, IA	-	-	-	-	-	-	97.36 (3.61)	-2.73 (3.66)	-	-	2.64 (2.29)	1.26 (2.91)
104-McAllen-Edinburg-Pharr, TX	-	-	0.52 (0.73)	0.07 (0.77)	0.19 (0.28)	0.00 (0.32)	2.06 (0.94)	2.28 (1.13)	0.04 (0.11)	0.11 (0.18)	97.19 (1.98)	-2.67 (2.17)
105-Memphis, TN-MS-AR	0.22 (0.26)	0.43 (0.34)	17.60 (3.01)	19.20 (3.34)	0.14 (0.20)	0.02 (0.22)	64.62 (1.08)	-9.45 (1.36)	1.12 (0.57)	-0.14 (0.65)	16.31 (3.21)	-10.06 (3.27)
106-Miami-Fort Lauderdale-Miami Beach, FL	0.31 (0.20)	0.49 (0.26)	12.05 (1.54)	4.95 (1.71)	0.11 (0.08)	-0.01 (0.09)	23.79 (1.60)	-0.58 (1.80)	1.05 (0.40)	-0.06 (0.44)	62.69 (2.03)	-4.79 (2.20)
107-Midland-Odessa, TX	-	-	2.49 (1.05)	0.53 (1.23)	1.03 (0.97)	-0.43 (1.02)	29.20 (4.45)	3.59 (4.71)	0.60 (0.63)	-0.12 (0.69)	66.69 (5.69)	-4.10 (6.09)
108-Milwaukee-Racine-Waukesha, WI	0.30 (0.26)	2.68 (0.59)	2.51 (0.90)	7.10 (1.43)	0.41 (0.36)	0.24 (0.44)	84.85 (2.16)	-10.40 (2.17)	0.83 (0.58)	0.07 (0.64)	11.11 (2.99)	0.31 (3.12)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	0.57 (0.27)	4.20 (0.50)	1.48 (0.69)	3.14 (0.90)	0.98 (0.31)	-0.30 (0.33)	88.42 (1.53)	-6.30 (1.59)	1.38 (0.47)	0.06 (0.53)	7.16 (1.52)	-0.82 (1.61)
110-Minot, ND	0.84 (1.25)	-0.57 (1.27)	4.81 (4.70)	-0.73 (4.95)	6.05 (3.42)	-2.72 (3.58)	78.54 (2.47)	4.21 (3.31)	1.09 (0.91)	1.48 (1.26)	8.68 (5.53)	-1.68 (5.73)
111-Missoula, MT	-	-	0.15 (0.33)	0.03 (0.36)	2.63 (1.93)	0.46 (2.27)	96.01 (4.86)	-3.51 (5.39)	0.41 (0.55)	2.00 (1.64)	0.80 (0.92)	1.00 (1.66)
112-Mobile-Daphne-Fairhope, AL	0.43 (0.72)	0.93 (0.97)	19.57 (4.15)	12.88 (4.59)	2.48 (2.41)	-1.16 (2.46)	65.35 (4.91)	-6.88 (5.38)	0.86 (0.93)	0.56 (1.48)	11.30 (5.24)	-6.33 (5.35)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
113-Monroe-Bastrop, LA	-	-	17.31 (6.58)	11.85 (7.32)	1.03 (1.02)	-0.23 (1.08)	75.17 (7.07)	-9.43 (7.49)	0.56 (0.80)	0.51 (0.92)	5.93 (2.43)	-3.00 (2.60)
114-Montgomery-Alexander City, AL	0.22 (0.51)	0.13 (0.55)	22.56 (4.87)	21.42 (5.32)	0.34 (0.43)	-0.07 (0.52)	63.90 (5.84)	-13.98 (6.40)	0.90 (0.86)	-0.10 (0.93)	12.09 (4.17)	-7.41 (4.25)
115-Myrtle Beach-Conway-Georgetown, SC	0.77 (0.91)	-0.32 (0.96)	15.60 (4.18)	15.56 (4.65)	2.18 (1.22)	-1.14 (1.25)	59.99 (1.64)	-2.33 (2.28)	0.94 (0.74)	0.09 (0.82)	20.52 (4.84)	-11.88 (4.94)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	0.28 (0.31)	1.34 (0.47)	5.20 (1.42)	7.11 (1.67)	0.10 (0.10)	0.29 (0.17)	65.85 (0.71)	8.07 (1.08)	0.63 (0.25)	0.86 (0.38)	27.93 (3.05)	-17.67 (3.14)
117-New Orleans-Metairie-Bogalusa, LA	0.61 (0.45)	0.90 (0.60)	16.65 (1.95)	7.87 (2.44)	1.03 (1.23)	0.11 (1.29)	52.26 (3.32)	7.05 (3.65)	2.16 (0.98)	-0.67 (1.06)	27.30 (4.27)	-15.26 (4.45)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	2.38 (0.29)	2.46 (0.37)	8.67 (0.57)	3.41 (0.69)	0.12 (0.10)	-0.01 (0.11)	52.09 (1.07)	-5.81 (1.15)	2.25 (0.39)	-0.21 (0.44)	34.50 (1.48)	0.16 (1.60)
119-Oklahoma City-Shawnee, OK	0.42 (0.43)	1.49 (0.60)	4.70 (1.72)	0.55 (1.89)	3.78 (1.00)	0.48 (1.09)	55.21 (3.22)	4.20 (3.50)	3.84 (1.08)	0.07 (1.21)	32.05 (3.30)	-6.79 (3.46)
120-Omaha-Council Bluffs-Fremont, NE-IA	-	-	2.38 (1.46)	1.87 (1.62)	0.22 (0.23)	0.35 (0.32)	79.54 (2.72)	-0.21 (2.86)	1.26 (0.72)	0.19 (0.85)	16.60 (4.20)	-3.83 (4.31)
121-Orlando-The Villages, FL	0.51 (0.27)	0.80 (0.36)	7.70 (1.43)	4.00 (1.64)	0.25 (0.20)	0.21 (0.27)	50.00 (2.25)	2.00 (2.45)	2.16 (0.85)	-0.53 (0.91)	39.37 (3.49)	-6.49 (3.64)
122-Paducah, KY-IL	-	-	1.97 (1.61)	4.89 (2.37)	-	-	94.21 (3.92)	-5.60 (4.22)	0.33 (0.53)	0.33 (0.59)	3.48 (2.69)	-0.03 (2.90)
123-Panama City-Lynn Haven, FL	0.27 (0.35)	0.34 (0.59)	8.13 (3.73)	4.32 (4.31)	0.22 (0.26)	0.27 (0.49)	77.11 (2.56)	0.30 (3.43)	1.89 (2.17)	-0.47 (2.32)	12.38 (5.86)	-4.77 (6.06)
124-Pendleton-Hermiston, OR	-	-	0.38 (0.61)	-0.05 (0.68)	6.82 (6.00)	-3.02 (6.13)	82.24 (5.60)	-10.95 (6.36)	1.49 (1.49)	0.11 (1.98)	9.08 (6.11)	13.48 (6.83)
125-Pensacola-Ferry Pass-Brent, FL	0.42 (0.50)	1.13 (0.82)	8.10 (2.93)	4.65 (3.41)	0.39 (0.51)	0.02 (0.57)	74.16 (3.87)	0.14 (4.19)	1.09 (0.90)	1.35 (1.15)	15.84 (5.38)	-7.29 (5.55)
126-Peoria-Canton, IL	0.64 (0.64)	0.35 (0.71)	1.10 (0.95)	2.19 (1.20)	0.04 (0.11)	0.13 (0.19)	93.49 (2.32)	-3.60 (2.36)	0.63 (0.42)	0.22 (0.53)	4.10 (1.52)	0.72 (1.67)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	0.95 (0.42)	2.91 (0.61)	7.45 (1.49)	6.07 (1.72)	0.14 (0.13)	0.03 (0.15)	74.19 (1.53)	-8.54 (1.64)	1.91 (0.77)	-0.17 (0.83)	15.36 (2.98)	-0.29 (3.09)
128-Phoenix-Mesa-Scottsdale, AZ	0.22 (0.17)	1.44 (0.33)	1.52 (0.64)	2.42 (0.73)	6.20 (0.90)	-1.35 (0.98)	33.39 (1.68)	8.18 (1.95)	0.87 (0.39)	0.60 (0.51)	57.80 (3.22)	-11.30 (3.45)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
129-Pittsburgh-New Castle, PA	0.13 (0.13)	0.36 (0.20)	3.54 (1.63)	0.58 (1.76)	0.11 (0.14)	0.09 (0.18)	93.68 (1.38)	-0.92 (1.42)	0.92 (0.60)	0.09 (0.68)	1.62 (0.80)	-0.21 (0.84)
130-Portland-Lewiston-South Portland, ME	0.55 (0.63)	0.73 (0.95)	0.16 (0.15)	0.71 (0.43)	0.58 (0.57)	-0.26 (0.62)	96.97 (2.54)	-1.57 (2.57)	1.10 (0.99)	0.16 (1.11)	0.64 (0.59)	0.23 (0.71)
131-Portland-Vancouver-Beaverton, OR-WA	1.29 (0.65)	3.02 (1.03)	1.10 (0.50)	0.23 (0.60)	0.90 (0.39)	0.40 (0.47)	71.44 (2.60)	-0.32 (2.63)	3.11 (0.97)	-0.43 (1.06)	22.15 (2.61)	-2.90 (2.82)
132-Pueblo, CO	-	-	1.73 (1.96)	0.26 (2.12)	-	-	59.76 (2.97)	-0.58 (3.12)	0.40 (0.40)	0.92 (0.77)	38.11 (6.83)	-2.13 (7.38)
133-Raleigh-Durham-Cary, NC	0.55 (0.39)	0.71 (0.45)	13.94 (2.13)	16.83 (2.41)	4.99 (0.92)	-2.13 (0.96)	40.90 (2.27)	4.73 (2.45)	0.81 (0.39)	0.68 (0.49)	38.82 (2.58)	-20.81 (2.70)
134-Rapid City, SD	0.06 (0.14)	0.05 (0.20)	2.63 (3.12)	-0.06 (3.29)	4.47 (2.40)	0.57 (2.64)	78.11 (6.85)	2.68 (7.21)	2.92 (2.90)	-0.85 (3.16)	11.81 (7.82)	-2.38 (8.08)
135-Redding, CA	0.49 (0.67)	0.91 (1.01)	-	-	3.32 (2.74)	-1.02 (2.84)	81.70 (6.46)	-9.14 (7.13)	1.00 (0.99)	0.33 (1.12)	13.49 (4.83)	8.44 (5.13)
136-Reno-Sparks, NV	0.52 (0.48)	0.92 (0.71)	0.17 (0.24)	0.94 (0.45)	1.37 (0.56)	0.94 (0.71)	63.13 (3.58)	3.20 (4.12)	0.34 (0.30)	1.52 (0.72)	34.47 (5.71)	-7.52 (6.11)
137-Richmond, VA	0.57 (0.35)	0.96 (0.56)	15.85 (3.58)	11.97 (3.88)	0.64 (0.67)	-0.31 (0.70)	61.28 (2.82)	-2.80 (3.13)	1.05 (0.61)	0.43 (0.76)	20.61 (2.49)	-10.26 (2.63)
138-Roanoke, VA	0.55 (0.93)	0.10 (0.99)	5.73 (2.42)	3.64 (2.77)	0.09 (0.15)	0.03 (0.17)	87.21 (3.75)	-1.50 (3.83)	0.71 (0.89)	0.42 (1.02)	5.71 (2.81)	-2.70 (2.87)
139-Rochester-Batavia-Seneca Falls, NY	0.84 (0.85)	1.05 (0.99)	3.01 (1.29)	1.78 (1.65)	0.07 (0.13)	0.11 (0.22)	90.34 (1.01)	-3.65 (1.15)	1.63 (1.44)	-0.30 (1.50)	4.12 (1.88)	1.01 (2.05)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.28 (0.87)	4.76 (1.12)	2.52 (1.39)	0.95 (1.58)	1.64 (0.73)	0.15 (0.81)	56.61 (2.34)	-1.53 (2.71)	1.98 (0.64)	0.91 (0.82)	34.98 (3.36)	-5.25 (3.55)
141-Salina, KS	-	-	2.88 (3.03)	-0.70 (3.50)	-	-	86.65 (5.03)	2.19 (5.08)	0.44 (0.94)	0.91 (1.27)	10.04 (7.49)	-3.34 (7.71)
142-Salt Lake City-Ogden-Clearfield, UT	0.33 (0.26)	1.89 (0.46)	0.48 (0.38)	0.44 (0.45)	2.80 (0.90)	-0.43 (0.97)	63.90 (2.44)	4.77 (2.82)	1.31 (0.63)	0.52 (0.74)	31.18 (3.59)	-7.19 (3.74)
143-San Angelo, TX	-	-	0.61 (0.96)	1.11 (1.22)	0.49 (0.80)	-0.19 (0.88)	44.96 (5.62)	6.94 (6.19)	0.34 (0.38)	0.23 (0.51)	53.59 (7.75)	-8.37 (8.58)
144-San Antonio, TX	0.18 (0.29)	0.54 (0.41)	0.87 (0.38)	3.33 (0.63)	0.08 (0.11)	0.08 (0.14)	20.12 (1.73)	6.58 (2.08)	0.56 (0.31)	0.53 (0.41)	78.20 (2.88)	-11.06 (3.14)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
145-San Diego-Carlsbad-San Marcos, CA	2.26 (0.75)	5.86 (1.15)	3.04 (1.15)	1.17 (1.39)	1.16 (0.83)	0.07 (0.89)	34.86 (2.77)	0.58 (3.18)	1.24 (0.53)	0.79 (0.68)	57.44 (4.11)	-8.47 (4.20)
146-San Jose-San Francisco-Oakland, CA	4.98 (0.66)	8.29 (0.85)	1.91 (0.48)	1.77 (0.58)	1.00 (0.24)	0.11 (0.28)	35.64 (1.54)	-2.74 (1.70)	2.13 (0.51)	0.32 (0.57)	54.33 (1.84)	-7.75 (1.92)
147-Santa Fe-Espanola, NM	-	-	1.85 (2.03)	0.03 (2.32)	3.00 (1.69)	0.57 (2.28)	22.23 (5.64)	8.50 (6.70)	0.28 (0.41)	1.88 (1.65)	72.63 (8.60)	-11.10 (9.41)
148-Sarasota-Bradenton-Venice, FL	0.19 (0.26)	0.40 (0.33)	3.44 (0.99)	3.33 (1.27)	0.03 (0.11)	0.07 (0.13)	49.24 (3.49)	5.32 (4.06)	0.79 (0.48)	0.14 (0.59)	46.31 (4.39)	-9.26 (4.75)
149-Savannah-Hinesville-Fort Stewart, GA	0.15 (0.20)	0.37 (0.28)	23.34 (3.88)	14.22 (4.16)	0.09 (0.14)	0.40 (0.26)	54.87 (3.92)	-3.52 (4.34)	0.81 (0.66)	0.15 (0.72)	20.75 (4.11)	-11.62 (4.22)
150-Scotts Bluff, NE	0.26 (0.36)	-0.17 (0.38)	2.87 (4.49)	-1.55 (4.61)	4.62 (6.32)	-3.06 (6.46)	76.55 (2.69)	10.62 (3.77)	0.25 (0.44)	0.90 (1.05)	15.45 (10.65)	-6.74 (10.93)
151-Scranton--Wilkes-Barre, PA	-	-	0.93 (0.76)	0.95 (0.96)	0.16 (0.43)	-0.06 (0.44)	94.60 (3.10)	-10.29 (3.57)	0.44 (0.57)	0.42 (0.71)	3.87 (2.21)	8.08 (2.94)
152-Seattle-Tacoma-Olympia, WA	2.85 (0.88)	3.72 (1.03)	2.03 (0.62)	1.94 (0.73)	1.00 (0.41)	0.89 (0.50)	68.01 (1.48)	-0.26 (1.82)	3.74 (0.67)	0.57 (0.80)	22.37 (2.28)	-6.87 (2.41)
153-Shreveport-Bossier City-Minden, LA	-	-	24.56 (5.93)	5.82 (6.24)	0.46 (0.50)	0.64 (0.69)	63.09 (5.17)	-0.58 (5.44)	2.09 (1.91)	-0.55 (2.00)	9.80 (2.87)	-5.78 (2.98)
154-Sioux City-Vermillion, IA-NE-SD	0.32 (0.55)	1.48 (0.71)	1.17 (1.43)	0.56 (1.54)	0.72 (0.46)	0.15 (0.52)	83.76 (3.92)	-3.82 (4.08)	0.78 (0.56)	0.52 (0.70)	13.26 (4.58)	1.12 (4.74)
155-Sioux Falls, SD	0.27 (0.60)	1.96 (1.01)	1.14 (1.02)	2.22 (1.29)	2.95 (1.63)	0.29 (1.79)	87.64 (1.11)	-4.04 (1.95)	0.89 (0.77)	0.34 (0.91)	7.10 (4.16)	-0.77 (4.33)
156-South Bend-Mishawaka, IN-MI	0.10 (0.12)	0.46 (0.27)	1.98 (1.30)	2.81 (1.64)	0.40 (0.36)	-0.07 (0.40)	85.58 (3.12)	-5.02 (3.18)	1.17 (0.85)	0.74 (1.01)	10.78 (2.85)	1.09 (3.04)
157-Spokane, WA	0.49 (0.41)	1.04 (0.70)	0.27 (0.36)	0.16 (0.44)	1.70 (1.17)	0.37 (1.32)	89.00 (2.71)	-2.09 (2.75)	1.40 (0.80)	1.15 (1.06)	7.15 (2.96)	-0.63 (3.15)
158-Springfield, IL	0.21 (0.34)	0.19 (0.45)	1.52 (1.20)	1.88 (1.45)	0.05 (0.16)	0.12 (0.24)	96.15 (1.32)	-3.10 (1.85)	0.72 (0.53)	0.51 (0.68)	1.33 (1.03)	0.41 (1.10)
159-Springfield, MO	0.16 (0.35)	1.02 (0.61)	0.50 (0.76)	0.71 (0.89)	0.54 (0.59)	0.51 (0.75)	92.34 (1.09)	-2.81 (1.14)	1.04 (0.82)	0.27 (0.91)	5.42 (1.63)	0.30 (1.85)
160-St. Louis-St. Charles-Farmington, MO-IL	0.41 (0.50)	0.37 (0.55)	5.69 (1.85)	5.34 (2.13)	0.04 (0.07)	0.08 (0.11)	89.70 (1.98)	-6.09 (2.04)	0.48 (0.30)	0.71 (0.38)	3.66 (1.22)	-0.40 (1.29)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
161-State College, PA	-	-	0.79 (0.82)	0.04 (0.93)	-	-	98.16 (1.50)	-0.93 (1.55)	0.26 (0.35)	0.22 (0.43)	0.80 (0.63)	0.25 (0.72)
162-Syracuse-Auburn, NY	0.51 (0.50)	0.98 (0.62)	2.23 (0.92)	0.63 (1.05)	0.20 (0.20)	0.45 (0.32)	94.62 (1.32)	-2.67 (1.50)	0.92 (0.44)	0.24 (0.53)	1.53 (0.74)	0.38 (0.82)
163-Tallahassee, FL	-	-	20.66 (4.50)	6.79 (5.30)	0.21 (0.36)	0.06 (0.46)	65.52 (4.43)	-3.37 (4.53)	1.47 (1.68)	-0.44 (1.75)	12.14 (3.57)	-3.44 (3.82)
164-Tampa-St. Petersburg-Clearwater, FL	0.71 (0.38)	1.11 (0.52)	7.42 (1.58)	3.46 (1.84)	0.37 (0.35)	-0.01 (0.38)	52.31 (2.02)	3.95 (2.24)	1.49 (0.69)	-0.02 (0.75)	37.70 (3.96)	-8.48 (4.21)
165-Texarkana, TX- Texarkana, AR	1.16 (1.52)	-0.57 (1.56)	2.81 (1.65)	6.52 (2.22)	3.22 (1.65)	-0.05 (1.75)	78.68 (4.47)	-4.97 (5.28)	6.18 (3.17)	-2.26 (3.24)	7.94 (2.75)	1.32 (3.04)
166-Toledo-Fremont, OH	0.27 (0.52)	0.46 (0.68)	2.71 (2.06)	6.12 (2.68)	0.04 (0.10)	0.11 (0.18)	86.49 (2.07)	-4.03 (2.31)	2.70 (3.10)	-1.50 (3.12)	7.79 (2.23)	-1.15 (2.36)
167-Topeka, KS	-	-	1.34 (1.17)	3.17 (1.54)	2.25 (1.62)	-1.08 (1.68)	79.93 (2.94)	-0.63 (3.30)	2.16 (1.51)	-0.72 (1.62)	14.33 (6.05)	-1.52 (6.48)
168-Traverse City, MI	-	-	0.44 (0.78)	0.31 (0.89)	1.50 (1.19)	-0.64 (1.28)	94.04 (1.30)	-2.02 (1.89)	1.78 (1.31)	0.06 (1.41)	2.24 (1.85)	1.85 (2.00)
169-Tucson, AZ	0.47 (0.63)	1.46 (0.94)	2.41 (2.48)	-0.10 (2.58)	1.49 (0.76)	0.20 (0.88)	28.82 (4.69)	10.32 (5.16)	0.97 (0.50)	0.39 (0.70)	65.84 (4.68)	-12.27 (5.03)
170-Tulsa-Bartlesville, OK	0.09 (0.11)	1.68 (0.45)	2.65 (1.10)	2.09 (1.27)	10.55 (2.12)	0.22 (2.29)	54.15 (3.47)	9.60 (3.71)	6.64 (1.62)	0.17 (1.80)	25.91 (4.00)	-13.76 (4.09)
171-Tupelo, MS	-	-	19.97 (7.22)	13.22 (7.47)	0.20 (0.33)	-0.10 (0.35)	75.10 (2.69)	-12.83 (3.11)	0.06 (0.15)	0.48 (0.40)	4.66 (2.94)	-0.83 (3.02)
172-Twin Falls, ID	-	-	0.50 (1.28)	0.33 (1.44)	-	-	73.50 (7.89)	-5.95 (8.56)	3.39 (3.90)	-2.14 (4.09)	22.61 (6.47)	6.53 (7.36)
173-Virginia Beach-Norfolk-Newport News, VA-NC	1.00 (0.45)	1.48 (0.68)	24.31 (2.92)	6.27 (3.30)	0.43 (0.26)	0.06 (0.31)	57.43 (2.00)	-1.98 (2.39)	1.73 (0.71)	0.49 (0.86)	15.11 (3.23)	-6.32 (3.34)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	1.56 (0.32)	1.51 (0.43)	10.91 (1.26)	8.09 (1.45)	0.29 (0.16)	-0.03 (0.19)	42.51 (1.20)	10.13 (1.28)	1.11 (0.30)	0.52 (0.38)	43.62 (2.00)	-20.21 (2.09)
175-Waterloo-Cedar Falls, IA	-	-	1.82 (1.91)	1.65 (2.20)	0.23 (0.19)	0.30 (0.31)	93.19 (4.66)	-1.76 (5.00)	0.22 (0.25)	0.28 (0.44)	4.52 (2.53)	-1.13 (2.63)
176-Wausau-Merrill, WI	-	-	0.27 (0.32)	0.46 (0.43)	2.46 (1.61)	-1.48 (1.64)	94.69 (0.18)	-0.77 (0.23)	0.87 (0.91)	0.19 (0.97)	1.71 (0.98)	0.28 (1.09)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
177-Wenatchee, WA	0.13 (0.20)	0.57 (0.51)	0.02 (0.06)	0.23 (0.27)	2.57 (2.40)	-0.58 (2.53)	77.21 (1.31)	-5.78 (1.67)	1.52 (1.16)	0.12 (1.33)	18.56 (7.12)	5.43 (7.70)
178-Wichita Falls, TX	0.11 (0.23)	0.61 (0.37)	2.04 (1.51)	0.31 (1.66)	0.77 (0.79)	0.03 (0.85)	52.31 (5.47)	1.11 (5.79)	0.58 (0.77)	0.12 (0.89)	44.20 (6.42)	-2.18 (6.56)
179-Wichita-Winfield, KS	0.62 (0.47)	2.61 (0.87)	2.68 (1.40)	1.66 (1.60)	0.69 (0.38)	0.41 (0.47)	69.00 (2.08)	-0.18 (2.56)	1.37 (0.69)	0.41 (0.79)	25.64 (4.32)	-4.92 (4.56)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA

Table C.7a. EA-Level Utilization and Percentage Point Gap Estimates for Laborers and Helpers by Sex, 2019

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
1-Aberdeen, SD	4.54 (4.75)	6.33 (5.09)	95.46 (5.26)	-6.33 (5.43)
2-Abilene, TX	3.55 (3.32)	4.56 (3.72)	96.45 (1.73)	-4.56 (2.25)
3-Albany, GA	3.48 (2.41)	12.53 (2.90)	96.52 (3.61)	-12.53 (3.67)
4-Albany-Schenectady-Amsterdam, NY	1.82 (1.85)	9.02 (2.18)	98.18 (0.47)	-9.02 (1.13)
5-Albuquerque, NM	2.74 (2.70)	9.04 (3.57)	97.26 (2.33)	-9.04 (2.62)
6-Alpena, MI	1.77 (2.00)	9.18 (2.42)	98.23 (3.31)	-9.18 (3.35)
7-Amarillo, TX	1.69 (1.81)	10.11 (2.28)	98.31 (1.80)	-10.11 (2.09)
8-Anchorage, AK	2.01 (2.82)	9.24 (3.73)	97.99 (2.66)	-9.24 (3.54)
9-Appleton-Oshkosh-Neenah, WI	0.34 (0.38)	16.88 (1.46)	99.66 (1.22)	-16.88 (1.98)
10-Asheville-Brevard, NC	4.52 (3.57)	8.53 (3.99)	95.48 (4.84)	-8.53 (4.90)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	3.97 (1.04)	11.77 (1.25)	96.03 (1.61)	-11.77 (1.70)
12-Augusta-Richmond County, GA-SC	2.14 (1.95)	12.32 (2.66)	97.86 (3.01)	-12.32 (3.71)
13-Austin-Round Rock, TX	2.26 (1.29)	7.18 (1.62)	97.74 (2.53)	-7.18 (2.76)
14-Bangor, ME	9.78 (10.06)	3.75 (10.31)	90.22 (3.10)	-3.75 (3.38)
15-Baton Rouge-Pierre Part, LA	1.98 (1.81)	6.82 (2.31)	98.02 (3.51)	-6.82 (3.67)
16-Beaumont-Port Arthur, TX	5.11 (3.99)	4.10 (4.35)	94.89 (4.06)	-4.10 (4.17)
17-Bend-Prineville, OR	2.18 (2.11)	9.24 (2.97)	97.82 (2.47)	-9.24 (3.57)
18-Billings, MT	4.29 (2.76)	5.98 (3.06)	95.71 (2.82)	-5.98 (3.05)
19-Birmingham-Hoover-Cullman, AL	2.94 (1.63)	9.78 (2.14)	97.06 (2.35)	-9.78 (2.52)
20-Bismarck, ND	2.18 (2.82)	8.11 (3.46)	97.82 (5.74)	-8.11 (6.21)
21-Boise City-Nampa, ID	2.51 (2.11)	12.06 (2.82)	97.49 (3.71)	-12.06 (3.71)
22-Boston-Worcester-Manchester, MA-NH	4.41 (1.73)	10.23 (1.90)	95.59 (1.65)	-10.23 (1.67)
23-Buffalo-Niagara-Cattaraugus, NY	2.93 (1.88)	9.34 (2.10)	97.07 (2.63)	-9.34 (3.21)
24-Burlington-South Burlington, VT	0.73 (1.12)	12.37 (3.00)	99.27 (5.87)	-12.37 (6.28)
25-Cape Girardeau-Jackson, MO-IL	2.28 (2.62)	9.33 (3.17)	97.72 (3.71)	-9.33 (4.09)
26-Casper, WY	3.42 (3.13)	7.10 (3.39)	96.58 (2.02)	-7.10 (2.14)
27-Cedar Rapids, IA	2.12 (2.31)	15.24 (3.00)	97.88 (2.23)	-15.24 (2.56)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
28-Champaign-Urbana, IL	3.48 (2.90)	8.69 (3.33)	96.52 (2.56)	-8.69 (2.58)
29-Charleston, WV	7.91 (5.49)	0.62 (5.64)	92.09 (2.24)	-0.62 (2.49)
30-Charleston-North Charleston, SC	1.57 (1.53)	10.40 (2.27)	98.43 (4.85)	-10.40 (4.88)
31-Charlotte-Gastonia-Salisbury, NC-SC	5.43 (3.11)	11.37 (3.24)	94.57 (2.46)	-11.37 (2.58)
32-Chicago-Naperville-Michigan City, IL-IN-WI	3.86 (0.90)	13.03 (1.11)	96.14 (2.01)	-13.03 (2.09)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	3.35 (1.87)	14.47 (2.44)	96.65 (2.99)	-14.47 (3.28)
34-Clarksburg, WV + Morgantown, WV	11.06 (15.77)	-4.36 (15.88)	88.94 (5.80)	4.36 (5.94)
35-Cleveland-Akron-Elyria, OH	2.72 (1.17)	12.86 (1.41)	97.28 (1.48)	-12.86 (1.55)
36-Colorado Springs, CO	7.36 (8.27)	5.36 (8.54)	92.64 (4.20)	-5.36 (4.53)
37-Columbia, MO	6.57 (4.09)	7.39 (4.49)	93.43 (4.61)	-7.39 (4.90)
38-Columbia-Newberry, SC	5.58 (5.68)	9.91 (5.83)	94.42 (5.33)	-9.91 (5.55)
39-Columbus-Auburn-Opelika, GA-AL	3.42 (2.80)	10.61 (3.52)	96.58 (5.79)	-10.61 (5.80)
40-Columbus-Marion-Chillicothe, OH	4.04 (2.01)	13.26 (2.29)	95.96 (2.54)	-13.26 (2.67)
41-Corpus Christi-Kingsville, TX	9.73 (8.99)	-2.18 (9.06)	90.27 (8.06)	2.18 (8.07)
42-Dallas-Fort Worth, TX	3.47 (1.15)	10.11 (1.26)	96.53 (0.66)	-10.11 (0.72)
43-Davenport-Moline-Rock Island, IA-IL	5.28 (3.94)	10.32 (4.40)	94.72 (3.29)	-10.32 (3.53)
44-Dayton-Springfield-Greenville, OH	2.73 (2.05)	15.47 (2.61)	97.27 (1.31)	-15.47 (1.63)
45-Denver-Aurora-Boulder, CO	2.97 (1.43)	9.11 (1.69)	97.03 (0.30)	-9.11 (1.16)
46-Des Moines-Newton-Pella, IA	3.35 (2.80)	12.64 (3.06)	96.65 (2.53)	-12.64 (2.61)
47-Detroit-Warren-Flint, MI	4.74 (2.73)	9.72 (2.83)	95.26 (0.65)	-9.72 (0.97)
48-Dothan-Enterprise-Ozark, AL	2.03 (1.85)	13.48 (2.83)	97.97 (2.75)	-13.48 (3.06)
49-Dover, DE	2.72 (3.04)	13.78 (3.77)	97.28 (3.35)	-13.78 (4.01)
50-Duluth, MN-WI	3.71 (2.84)	8.44 (3.21)	96.29 (2.37)	-8.44 (3.28)
51-El Paso, TX	3.85 (2.84)	5.61 (3.10)	96.15 (0.80)	-5.61 (1.31)
52-Erie, PA	3.98 (7.29)	9.12 (7.56)	96.02 (0.84)	-9.12 (1.34)
53-Eugene-Springfield, OR	6.78 (5.55)	7.23 (5.93)	93.22 (2.16)	-7.23 (2.62)
54-Evansville, IN-KY	1.85 (1.76)	11.86 (2.43)	98.15 (3.57)	-11.86 (3.68)
55-Fargo-Wahpeton, ND-MN	4.84 (3.59)	6.06 (3.90)	95.16 (2.85)	-6.06 (3.38)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
56-Farmington, NM	3.36 (3.28)	6.81 (4.12)	96.64 (3.31)	-6.81 (4.10)
57-Fayetteville-Springdale-Rogers, AR-MO	3.64 (2.60)	15.58 (3.11)	96.36 (3.30)	-15.58 (3.71)
58-Flagstaff, AZ	5.17 (4.70)	6.39 (5.37)	94.83 (12.15)	-6.39 (13.05)
59-Fort Smith, AR-OK	3.05 (2.21)	13.93 (2.73)	96.95 (5.26)	-13.93 (5.83)
60-Fort Wayne-Huntington-Auburn, IN	7.77 (7.51)	11.73 (7.69)	92.23 (1.85)	-11.73 (1.99)
61-Fresno-Madera, CA	7.58 (9.09)	10.35 (9.15)	92.42 (8.36)	-10.35 (8.42)
62-Gainesville, FL	2.28 (2.70)	10.39 (3.81)	97.72 (4.91)	-10.39 (5.05)
63-Grand Forks, ND-MN	2.39 (2.02)	9.12 (2.51)	97.61 (3.69)	-9.12 (4.22)
64-Grand Rapids-Muskegon-Holland, MI	4.54 (3.44)	14.62 (3.67)	95.46 (2.86)	-14.62 (3.23)
65-Great Falls, MT	1.60 (1.53)	8.93 (2.55)	98.40 (3.24)	-8.93 (4.32)
66-Greensboro--Winston-Salem--High Point, NC	2.96 (1.43)	12.22 (1.80)	97.04 (3.52)	-12.22 (3.69)
67-Greenville, NC	4.23 (2.93)	10.32 (3.84)	95.77 (4.57)	-10.32 (4.63)
68-Greenville-Spartanburg-Anderson, SC	5.50 (5.46)	12.03 (5.66)	94.50 (3.13)	-12.03 (3.28)
69-Gulfport-Biloxi-Pascagoula, MS	5.62 (5.05)	4.04 (5.49)	94.38 (14.16)	-4.04 (14.40)
70-Harrisburg-Carlisle-Lebanon, PA	5.59 (4.34)	11.82 (4.50)	94.41 (4.80)	-11.82 (4.85)
71-Harrisonburg, VA	13.30 (13.71)	2.51 (13.92)	86.70 (1.23)	-2.51 (2.25)
72-Hartford-West Hartford-Willimantic, CT	6.17 (4.22)	8.04 (4.44)	93.83 (1.70)	-8.04 (1.90)
73-Helena, MT	3.66 (3.36)	6.94 (4.07)	96.34 (0.27)	-6.94 (2.74)
74-Honolulu, HI	2.57 (1.79)	9.43 (2.26)	97.43 (2.65)	-9.43 (2.78)
75-Houston-Baytown-Huntsville, TX	3.26 (0.72)	5.86 (0.90)	96.74 (1.22)	-5.86 (1.32)
76-Huntsville-Decatur, AL	3.42 (2.17)	11.45 (2.78)	96.58 (1.12)	-11.45 (1.28)
77-Idaho Falls-Blackfoot, ID	5.99 (4.09)	7.74 (4.70)	94.01 (1.75)	-7.74 (2.24)
78-Indianapolis-Anderson-Columbus, IN	4.21 (1.43)	13.42 (1.73)	95.79 (1.75)	-13.42 (1.99)
79-Jacksonville, FL	4.10 (2.32)	9.37 (2.69)	95.90 (2.21)	-9.37 (2.37)
80-Jackson-Yazoo City, MS	5.84 (6.40)	7.61 (6.50)	94.16 (1.71)	-7.61 (2.03)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	2.64 (1.83)	7.31 (2.29)	97.36 (4.18)	-7.31 (4.46)
82-Jonesboro, AR	4.33 (4.36)	8.10 (4.66)	95.67 (6.15)	-8.10 (6.49)
83-Joplin, MO	1.76 (1.60)	13.01 (2.22)	98.24 (0.93)	-13.01 (1.91)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
84-Kansas City-Overland Park-Kansas City, MO-KS	4.77 (1.87)	11.06 (2.19)	95.23 (2.73)	-11.06 (3.00)
85-Kearney, NE	5.24 (6.29)	8.93 (6.72)	94.76 (3.72)	-8.93 (4.28)
86-Kennewick-Richland-Pasco, WA	9.08 (10.70)	12.85 (10.82)	90.92 (8.43)	-12.85 (8.59)
87-Killeen-Temple-Fort Hood, TX	1.46 (1.70)	11.48 (2.39)	98.54 (3.08)	-11.48 (3.69)
88-Knoxville-Sevierville-La Follette, TN	6.63 (4.46)	7.33 (4.76)	93.37 (4.23)	-7.33 (4.38)
89-La Crosse, WI-MN	1.45 (2.16)	12.54 (2.87)	98.55 (2.72)	-12.54 (3.47)
90-Lafayette-Acadiana, LA	1.62 (1.86)	7.98 (2.88)	98.38 (5.28)	-7.98 (5.39)
91-Lake Charles-Jennings, LA	5.20 (3.72)	3.22 (4.35)	94.80 (10.95)	-3.22 (11.20)
92-Las Vegas-Paradise-Pahrump, NV	4.52 (2.82)	6.94 (3.03)	95.48 (1.16)	-6.94 (1.25)
93-Lewiston, ID-WA	1.54 (2.70)	13.50 (4.61)	98.46 (6.68)	-13.50 (6.73)
94-Lexington-Fayette--Frankfort--Richmond, KY	3.24 (1.59)	11.18 (2.04)	96.76 (3.30)	-11.18 (3.48)
95-Lincoln, NE	1.26 (1.60)	11.70 (3.42)	98.74 (4.26)	-11.70 (4.82)
96-Little Rock-North Little Rock-Pine Bluff, AR	4.18 (2.15)	9.40 (2.34)	95.82 (0.66)	-9.40 (1.53)
97-Los Angeles-Long Beach-Riverside, CA	1.89 (0.45)	13.84 (0.62)	98.11 (0.68)	-13.84 (0.79)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	3.57 (2.05)	16.10 (2.43)	96.43 (2.49)	-16.10 (2.74)
99-Lubbock-Levelland, TX	3.63 (2.80)	6.62 (3.00)	96.37 (4.27)	-6.62 (4.50)
100-Macon-Warner Robins-Fort Valley, GA	3.37 (1.74)	11.08 (2.32)	96.63 (3.74)	-11.08 (4.09)
101-Madison-Baraboo, WI	3.72 (2.18)	12.13 (2.42)	96.28 (2.58)	-12.13 (2.85)
102-Marinette, WI-MI	2.51 (3.30)	9.09 (3.77)	97.49 (4.75)	-9.09 (5.24)
103-Mason City, IA	3.76 (3.06)	10.39 (3.98)	96.24 (5.62)	-10.39 (5.84)
104-McAllen-Edinburg-Pharr, TX	4.15 (3.76)	3.00 (3.91)	95.85 (4.37)	-3.00 (4.42)
105-Memphis, TN-MS-AR	4.07 (2.51)	14.76 (2.84)	95.93 (2.17)	-14.76 (2.38)
106-Miami-Fort Lauderdale-Miami Beach, FL	3.81 (1.10)	7.12 (1.26)	96.19 (0.96)	-7.12 (1.27)
107-Midland-Odessa, TX	2.70 (2.98)	3.36 (3.12)	97.30 (4.44)	-3.36 (4.59)
108-Milwaukee-Racine-Waukesha, WI	1.25 (1.07)	16.19 (1.61)	98.75 (2.43)	-16.19 (2.84)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	2.50 (0.96)	12.24 (1.23)	97.50 (1.24)	-12.24 (1.41)
110-Minot, ND	3.97 (4.39)	4.80 (4.73)	96.03 (3.49)	-4.80 (4.17)
111-Missoula, MT	5.47 (6.35)	5.06 (6.97)	94.53 (7.76)	-5.06 (8.90)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
112-Mobile-Daphne-Fairhope, AL	4.10 (2.59)	7.71 (3.14)	95.90 (9.54)	-7.71 (9.57)
113-Monroe-Bastrop, LA	15.01 (24.01)	-1.53 (24.19)	84.99 (14.58)	1.53 (14.71)
114-Montgomery-Alexander City, AL	0.44 (0.58)	14.65 (2.28)	99.56 (3.01)	-14.65 (3.17)
115-Myrtle Beach-Conway-Georgetown, SC	3.32 (2.23)	10.10 (2.79)	96.68 (4.95)	-10.10 (5.20)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	5.52 (2.69)	11.14 (2.89)	94.48 (1.37)	-11.14 (1.72)
117-New Orleans-Metairie-Bogalusa, LA	4.34 (2.26)	4.51 (2.61)	95.66 (3.61)	-4.51 (3.73)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	2.58 (0.75)	10.48 (0.87)	97.42 (0.34)	-10.48 (0.44)
119-Oklahoma City-Shawnee, OK	3.86 (1.87)	7.66 (2.07)	96.14 (2.55)	-7.66 (2.72)
120-Omaha-Council Bluffs-Fremont, NE-IA	5.51 (5.20)	9.44 (5.32)	94.49 (4.86)	-9.44 (5.00)
121-Orlando-The Villages, FL	4.22 (1.48)	7.97 (1.66)	95.78 (1.41)	-7.97 (1.79)
122-Paducah, KY-IL	0.68 (1.40)	11.51 (2.58)	99.32 (2.78)	-11.51 (3.06)
123-Panama City-Lynn Haven, FL	5.13 (3.96)	4.47 (4.55)	94.87 (7.39)	-4.47 (7.39)
124-Pendleton-Hermiston, OR	3.57 (3.84)	11.91 (4.39)	96.43 (8.41)	-11.91 (8.86)
125-Pensacola-Ferry Pass-Brent, FL	3.60 (2.33)	6.18 (3.10)	96.40 (5.79)	-6.18 (5.87)
126-Peoria-Canton, IL	3.15 (2.27)	8.76 (2.48)	96.85 (1.01)	-8.76 (1.19)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	2.60 (1.31)	11.80 (1.50)	97.40 (2.02)	-11.80 (2.28)
128-Phoenix-Mesa-Scottsdale, AZ	3.53 (0.99)	8.23 (1.19)	96.47 (1.20)	-8.23 (1.40)
129-Pittsburgh-New Castle, PA	4.20 (2.08)	5.49 (2.27)	95.80 (2.62)	-5.49 (2.73)
130-Portland-Lewiston-South Portland, ME	4.93 (5.01)	7.66 (5.36)	95.07 (8.43)	-7.66 (8.66)
131-Portland-Vancouver-Beaverton, OR-WA	4.41 (2.36)	9.10 (2.54)	95.59 (2.06)	-9.10 (2.11)
132-Pueblo, CO	7.49 (10.78)	4.45 (10.94)	92.51 (2.14)	-4.45 (2.25)
133-Raleigh-Durham-Cary, NC	4.22 (1.73)	11.18 (1.99)	95.78 (3.22)	-11.18 (3.32)
134-Rapid City, SD	2.36 (3.69)	9.45 (4.24)	97.64 (5.18)	-9.45 (5.39)
135-Redding, CA	5.44 (4.39)	6.16 (4.91)	94.56 (5.51)	-6.16 (5.87)
136-Reno-Sparks, NV	5.47 (2.84)	8.16 (3.21)	94.53 (4.69)	-8.16 (4.94)
137-Richmond, VA	4.10 (2.18)	9.48 (2.63)	95.90 (2.36)	-9.48 (2.65)
138-Roanoke, VA	3.50 (2.41)	8.58 (2.87)	96.50 (4.66)	-8.58 (4.87)
139-Rochester-Batavia-Seneca Falls, NY	3.78 (1.89)	11.14 (2.31)	96.22 (2.34)	-11.14 (2.49)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.93 (1.45)	9.38 (1.88)	97.07 (1.09)	-9.38 (1.28)
141-Salina, KS	4.88 (4.56)	6.06 (5.12)	95.12 (4.27)	-6.06 (4.67)
142-Salt Lake City-Ogden-Clearfield, UT	3.81 (1.34)	10.87 (1.73)	96.19 (2.97)	-10.87 (3.24)
143-San Angelo, TX	2.61 (2.38)	4.32 (2.70)	97.39 (2.57)	-4.32 (2.77)
144-San Antonio, TX	1.92 (1.08)	6.27 (1.38)	98.08 (2.56)	-6.27 (2.59)
145-San Diego-Carlsbad-San Marcos, CA	2.11 (1.13)	10.18 (1.82)	97.89 (1.30)	-10.18 (1.39)
146-San Jose-San Francisco-Oakland, CA	2.77 (0.79)	11.61 (0.97)	97.23 (1.99)	-11.61 (2.05)
147-Santa Fe-Espanola, NM	5.01 (7.42)	6.29 (8.23)	94.99 (8.98)	-6.29 (10.04)
148-Sarasota-Bradenton-Venice, FL	4.71 (2.14)	5.58 (2.44)	95.29 (1.75)	-5.58 (2.19)
149-Savannah-Hinesville-Fort Stewart, GA	2.84 (1.58)	10.67 (2.09)	97.16 (4.45)	-10.67 (4.89)
150-Scotts Bluff, NE	2.78 (5.48)	7.96 (6.05)	97.22 (0.58)	-7.96 (1.98)
151-Scranton--Wilkes-Barre, PA	6.94 (8.21)	10.08 (8.41)	93.06 (3.65)	-10.08 (4.17)
152-Seattle-Tacoma-Olympia, WA	5.28 (1.42)	9.97 (1.69)	94.72 (2.69)	-9.97 (2.70)
153-Shreveport-Bossier City-Minden, LA	4.15 (3.23)	6.27 (3.84)	95.85 (5.11)	-6.27 (5.58)
154-Sioux City-Vermillion, IA-NE-SD	4.43 (5.20)	11.57 (5.39)	95.57 (2.81)	-11.57 (2.84)
155-Sioux Falls, SD	2.10 (1.94)	12.79 (2.79)	97.90 (2.43)	-12.79 (2.48)
156-South Bend-Mishawaka, IN-MI	5.36 (5.72)	13.60 (5.87)	94.64 (3.49)	-13.60 (3.78)
157-Spokane, WA	4.63 (4.22)	10.25 (4.58)	95.37 (2.18)	-10.25 (2.77)
158-Springfield, IL	3.01 (2.11)	6.96 (2.40)	96.99 (3.44)	-6.96 (3.53)
159-Springfield, MO	6.82 (4.32)	6.91 (4.57)	93.18 (2.46)	-6.91 (2.63)
160-St. Louis-St. Charles-Farmington, MO-IL	2.24 (1.22)	11.08 (1.59)	97.76 (1.46)	-11.08 (1.63)
161-State College, PA	4.39 (3.88)	8.33 (4.14)	95.61 (0.74)	-8.33 (1.27)
162-Syracuse-Auburn, NY	3.00 (1.90)	8.35 (2.23)	97.00 (1.12)	-8.35 (1.50)
163-Tallahassee, FL	4.03 (3.23)	10.74 (4.03)	95.97 (2.63)	-10.74 (2.98)
164-Tampa-St. Petersburg-Clearwater, FL	2.94 (1.13)	10.95 (1.55)	97.06 (1.82)	-10.95 (1.92)
165-Texarkana, TX-Texarkana, AR	1.85 (1.38)	11.76 (1.97)	98.15 (5.66)	-11.76 (5.85)
166-Toledo-Fremont, OH	5.26 (4.34)	12.66 (4.48)	94.74 (3.27)	-12.66 (3.64)
167-Topeka, KS	3.54 (2.11)	10.47 (2.85)	96.46 (4.91)	-10.47 (5.04)

Economic Area	Women		Men	
	Construction (MOE)	Gap (MOE)	Construction (MOE)	Gap (MOE)
168-Traverse City, MI	5.03 (3.21)	9.16 (3.53)	94.97 (2.75)	-9.16 (3.00)
169-Tucson, AZ	2.77 (3.58)	6.81 (3.85)	97.23 (1.84)	-6.81 (2.15)
170-Tulsa-Bartlesville, OK	9.40 (8.92)	1.41 (8.96)	90.60 (5.58)	-1.41 (5.62)
171-Tupelo, MS	3.17 (2.78)	11.72 (3.31)	96.83 (3.87)	-11.72 (4.09)
172-Twin Falls, ID	4.04 (5.40)	11.90 (6.10)	95.96 (7.45)	-11.90 (7.46)
173-Virginia Beach-Norfolk-Newport News, VA-NC	3.70 (2.18)	11.02 (2.39)	96.30 (3.16)	-11.02 (3.65)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	5.48 (1.17)	6.71 (1.33)	94.52 (1.60)	-6.71 (1.71)
175-Waterloo-Cedar Falls, IA	4.48 (4.09)	10.84 (4.61)	95.52 (3.07)	-10.84 (3.20)
176-Wausau-Merrill, WI	1.88 (1.46)	13.58 (1.93)	98.12 (1.73)	-13.58 (2.23)
177-Wenatchee, WA	7.41 (7.20)	10.51 (7.46)	92.59 (8.31)	-10.51 (8.40)
178-Wichita Falls, TX	5.36 (5.65)	5.37 (5.78)	94.64 (2.34)	-5.37 (2.74)
179-Wichita-Winfield, KS	3.67 (2.62)	10.77 (2.92)	96.33 (2.20)	-10.77 (2.41)

Note: The population of women and men presented in this brief are defined by self-reported data on an individual's sex in the ACS PUMS data. This brief refers to individuals who identified as female in the ACS as women and individuals who identified as male in the ACS as men.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

MOE = margin of error

Source: IPUMS USA

Table C.7b. EA-Level Utilization and Percentage Point Gap Estimates for Laborers and Helpers by Race/Ethnicity, 2019

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
1-Aberdeen, SD	-	-	2.73 (5.12)	1.24 (5.35)	10.37 (4.68)	-3.76 (4.92)	81.68 (8.61)	-1.00 (8.87)	0.36 (0.68)	1.30 (1.06)	4.86 (8.71)	1.48 (8.83)
2-Abilene, TX	-	-	1.05 (1.83)	2.48 (2.31)	-	-	44.80 (10.29)	13.58 (10.68)	0.05 (0.19)	0.63 (0.64)	54.10 (29.35)	-17.04 (29.57)
3-Albany, GA	-	-	19.22 (7.36)	15.67 (7.73)	0.86 (1.06)	-0.67 (1.07)	61.42 (10.16)	-11.73 (10.23)	0.08 (0.18)	0.62 (0.37)	18.42 (3.80)	-4.05 (3.96)
4-Albany-Schenectady-Amsterdam, NY	1.65 (2.07)	0.07 (2.15)	0.80 (0.82)	1.79 (0.97)	0.44 (0.70)	-0.19 (0.74)	87.51 (4.29)	0.97 (4.35)	3.50 (2.85)	-1.05 (2.93)	6.10 (4.00)	-1.58 (4.10)
5-Albuquerque, NM	-	-	0.79 (1.23)	1.13 (1.58)	16.24 (6.61)	-2.81 (6.87)	17.14 (4.66)	6.75 (5.15)	0.19 (0.72)	1.16 (1.06)	65.63 (11.69)	-7.00 (12.24)
6-Alpena, MI	-	-	-	-	0.58 (0.81)	0.01 (0.87)	98.19 (3.49)	-3.22 (3.91)	-	-	1.23 (1.24)	1.24 (1.52)
7-Amarillo, TX	-	-	1.56 (2.05)	2.35 (2.26)	1.07 (1.50)	-0.47 (1.56)	36.93 (7.94)	-1.53 (8.05)	1.20 (1.23)	-0.15 (1.33)	59.24 (7.59)	-2.18 (7.79)
8-Anchorage, AK	0.88 (1.22)	7.17 (2.41)	0.42 (1.16)	3.30 (1.97)	21.18 (10.46)	-5.55 (10.75)	56.48 (7.58)	1.61 (8.03)	11.91 (11.19)	-6.24 (11.35)	9.13 (9.46)	-0.29 (9.91)
9-Appleton-Oshkosh-Neenah, WI	-	-	1.33 (1.50)	0.22 (1.60)	2.37 (2.54)	-1.44 (2.56)	94.65 (6.16)	-8.83 (6.18)	0.70 (1.24)	0.67 (1.36)	0.96 (1.86)	7.39 (2.50)
10-Asheville-Brevard, NC	0.26 (0.52)	0.43 (0.65)	0.66 (0.92)	2.42 (1.41)	3.17 (5.66)	-1.61 (5.69)	84.85 (9.08)	-1.64 (9.21)	1.56 (1.87)	-0.59 (1.92)	9.50 (3.08)	0.98 (3.43)
11-Atlanta-Sandy Springs-Gainesville, GA-AL	0.93 (0.51)	1.13 (0.58)	10.98 (1.78)	19.74 (1.93)	0.74 (0.73)	-0.44 (0.73)	43.08 (3.29)	2.61 (3.33)	0.88 (0.51)	0.32 (0.54)	43.38 (3.33)	-23.35 (3.43)
12-Augusta-Richmond County, GA-SC	-	-	34.47 (12.50)	12.37 (12.81)	-	-	49.21 (10.47)	-5.17 (10.75)	3.00 (3.46)	-1.51 (3.52)	13.33 (6.74)	-6.12 (6.88)
13-Austin-Round Rock, TX	0.12 (0.18)	1.42 (0.50)	4.54 (2.13)	3.93 (2.34)	0.07 (0.11)	0.27 (0.20)	20.32 (2.77)	15.21 (3.08)	2.67 (3.93)	-1.60 (3.95)	72.29 (6.57)	-19.24 (6.84)
14-Bangor, ME	-	-	0.84 (2.39)	-0.22 (2.44)	1.22 (1.51)	0.03 (1.57)	93.16 (7.76)	2.45 (7.84)	4.41 (4.35)	-3.13 (4.39)	0.38 (0.66)	0.82 (0.89)
15-Baton Rouge-Pierre Part, LA	4.86 (7.01)	-4.08 (7.01)	32.89 (9.89)	10.66 (10.19)	0.96 (1.24)	-0.12 (1.35)	48.43 (15.19)	-0.89 (15.37)	0.13 (0.29)	1.33 (0.96)	12.72 (6.63)	-6.91 (6.74)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
16-Beaumont-Port Arthur, TX	0.12 (0.25)	1.61 (0.74)	22.80 (11.13)	1.09 (11.32)	-	-	45.26 (10.07)	7.67 (10.50)	0.16 (0.41)	0.34 (0.55)	31.66 (6.14)	-11.06 (6.72)
17-Bend-Prineville, OR	-	-	-	-	0.28 (0.54)	2.14 (1.01)	76.07 (11.56)	-12.25 (11.98)	1.97 (2.89)	-0.90 (2.95)	21.68 (9.25)	10.45 (9.89)
18-Billings, MT	-	-	1.78 (2.21)	-0.49 (2.30)	5.70 (2.94)	-1.69 (3.03)	80.40 (7.26)	4.68 (7.44)	1.65 (1.67)	0.27 (1.79)	10.47 (5.00)	-3.13 (5.15)
19-Birmingham-Hoover-Cullman, AL	0.37 (0.67)	0.22 (0.71)	22.13 (7.94)	8.93 (8.17)	-	-	61.02 (4.21)	0.18 (4.45)	1.14 (1.14)	-0.09 (1.19)	15.34 (4.30)	-9.33 (4.37)
20-Bismarck, ND	-	-	3.62 (4.64)	-1.21 (4.80)	3.36 (3.90)	-0.57 (4.10)	86.65 (14.03)	-1.87 (14.04)	1.01 (1.64)	0.92 (1.87)	5.37 (5.98)	2.36 (6.18)
21-Boise City-Nampa, ID	-	-	-	-	0.85 (1.07)	0.33 (1.16)	78.81 (4.17)	-13.37 (4.73)	1.79 (1.91)	0.05 (1.99)	18.55 (6.85)	11.90 (7.19)
22-Boston-Worcester-Manchester, MA-NH	2.70 (1.36)	0.44 (1.40)	4.48 (1.17)	1.34 (1.25)	0.99 (1.31)	-0.66 (1.31)	71.74 (1.52)	-1.17 (1.73)	2.59 (1.02)	-0.08 (1.08)	17.49 (3.58)	0.14 (3.65)
23-Buffalo-Niagara-Cattaraugus, NY	1.30 (1.30)	0.06 (1.38)	4.68 (2.91)	1.26 (3.10)	0.47 (0.55)	-0.04 (0.58)	90.06 (0.82)	-2.34 (1.16)	0.94 (1.08)	0.27 (1.17)	2.55 (2.30)	0.79 (2.39)
24-Burlington-South Burlington, VT	4.54 (6.02)	-1.55 (6.26)	2.24 (4.26)	-1.07 (4.36)	-	-	91.41 (14.02)	0.35 (14.15)	0.82 (1.11)	0.74 (1.44)	0.99 (1.46)	1.29 (1.84)
25-Cape Girardeau-Jackson, MO-IL	0.44 (0.83)	-0.18 (0.88)	2.25 (2.64)	2.24 (2.82)	-	-	92.27 (6.57)	-1.49 (6.70)	0.54 (1.32)	0.22 (1.39)	4.50 (4.05)	-0.99 (4.18)
26-Casper, WY	0.28 (0.57)	-0.17 (0.58)	-	-	1.95 (1.57)	-0.73 (1.69)	79.90 (7.68)	3.06 (7.82)	1.37 (2.37)	0.03 (2.45)	16.49 (5.80)	-2.57 (6.07)
27-Cedar Rapids, IA	-	-	4.07 (4.61)	2.50 (4.93)	-	-	80.94 (4.61)	-2.45 (4.82)	1.31 (1.35)	-0.16 (1.55)	13.68 (6.82)	-1.75 (7.13)
28-Champaign-Urbana, IL	-	-	1.71 (3.18)	2.80 (3.43)	-	-	94.57 (1.63)	-4.68 (1.66)	0.31 (0.81)	0.62 (0.94)	3.41 (3.47)	0.41 (3.54)
29-Charleston, WV	0.18 (0.32)	-0.04 (0.35)	3.10 (2.22)	-1.20 (2.30)	-	-	94.58 (3.62)	1.40 (3.81)	2.08 (2.12)	-1.34 (2.15)	0.06 (0.14)	1.01 (0.45)
30-Charleston-North Charleston, SC	0.32 (0.64)	0.56 (0.80)	20.28 (4.74)	23.87 (5.77)	-	-	49.28 (13.25)	-4.75 (13.40)	8.84 (10.37)	-7.24 (10.39)	21.27 (7.75)	-12.94 (7.90)
31-Charlotte-Gastonia-Salisbury, NC-SC	0.11 (0.22)	2.27 (0.50)	9.30 (3.38)	15.54 (3.54)	0.91 (0.97)	-0.48 (0.99)	55.12 (5.10)	-0.61 (5.32)	1.64 (1.32)	-0.27 (1.37)	32.94 (4.30)	-16.45 (4.37)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
32-Chicago-Naperville-Michigan City, IL-IN-WI	0.84 (0.47)	1.52 (0.53)	7.24 (1.79)	5.46 (1.86)	-	-	44.01 (2.27)	1.14 (2.48)	0.97 (0.63)	0.21 (0.66)	46.94 (3.03)	-8.48 (3.18)
33-Cincinnati-Middletown-Wilmington, OH-KY-IN	-	-	5.37 (2.33)	8.05 (2.77)	-	-	84.27 (3.36)	-5.14 (3.70)	0.77 (0.81)	0.48 (0.91)	9.59 (3.98)	-5.21 (4.05)
34-Clarksburg, WV + Morgantown, WV	-	-	2.16 (3.62)	0.10 (3.83)	-	-	96.98 (2.69)	-2.12 (3.30)	0.86 (1.56)	-0.10 (1.67)	-	-
35-Cleveland-Akron-Elyria, OH	0.31 (0.43)	0.65 (0.49)	6.41 (2.20)	3.59 (2.30)	0.34 (0.50)	-0.18 (0.51)	86.19 (3.70)	-4.49 (3.70)	1.75 (1.17)	-0.05 (1.21)	5.00 (2.00)	0.48 (2.07)
36-Colorado Springs, CO	0.62 (0.98)	0.87 (1.18)	1.76 (2.13)	3.14 (2.47)	0.28 (0.56)	0.70 (0.79)	64.80 (8.09)	-0.72 (8.11)	1.30 (1.79)	0.93 (2.01)	31.24 (11.88)	-4.92 (12.16)
37-Columbia, MO	-	-	5.40 (4.37)	-0.87 (4.51)	1.60 (2.16)	-1.31 (2.18)	83.78 (5.28)	3.88 (5.39)	3.42 (2.86)	-1.44 (2.94)	5.80 (3.63)	-0.93 (3.81)
38-Columbia-Newberry, SC	-	-	26.84 (9.13)	18.83 (9.56)	-	-	42.98 (6.77)	1.26 (6.82)	1.08 (1.25)	0.33 (1.32)	29.10 (11.23)	-21.30 (11.28)
39-Columbus-Auburn-Opelika, GA-AL	-	-	23.80 (13.16)	24.31 (13.63)	1.12 (1.72)	-1.00 (1.73)	48.14 (10.00)	-6.75 (10.39)	2.13 (2.71)	-0.73 (2.78)	24.81 (7.88)	-16.28 (8.16)
40-Columbus-Marion-Chillicothe, OH	0.91 (1.31)	0.79 (1.38)	2.75 (1.47)	8.88 (1.87)	-	-	86.37 (4.71)	-6.11 (4.82)	1.41 (1.15)	0.26 (1.22)	8.56 (2.93)	-3.94 (3.02)
41-Corpus Christi-Kingsville, TX	-	-	2.13 (1.77)	0.38 (1.97)	-	-	8.25 (3.34)	6.52 (3.71)	0.20 (0.42)	0.11 (0.50)	89.41 (9.25)	-7.35 (9.52)
42-Dallas-Fort Worth, TX	0.42 (0.27)	1.45 (0.36)	4.21 (1.31)	10.02 (1.46)	0.42 (0.37)	0.37 (0.39)	25.41 (1.91)	11.86 (2.05)	1.10 (0.85)	0.14 (0.86)	68.43 (2.85)	-23.84 (2.94)
43-Davenport-Moline-Rock Island, IA-IL	0.36 (0.76)	1.20 (1.01)	0.33 (0.77)	5.21 (1.64)	-	-	92.88 (4.96)	-11.03 (5.00)	0.43 (0.72)	0.51 (0.87)	6.00 (3.91)	3.85 (4.37)
44-Dayton-Springfield-Greenville, OH	0.68 (1.06)	-0.02 (1.09)	5.45 (4.45)	2.84 (4.60)	-	-	86.08 (1.41)	0.31 (1.71)	1.14 (1.48)	0.03 (1.54)	6.64 (3.80)	-3.34 (3.87)
45-Denver-Aurora-Boulder, CO	0.50 (0.36)	1.29 (0.48)	1.13 (0.69)	2.19 (0.84)	0.51 (0.44)	0.40 (0.49)	42.74 (2.49)	11.71 (2.73)	1.33 (0.75)	0.26 (0.82)	53.80 (4.21)	-15.85 (4.40)
46-Des Moines-Newton-Pella, IA	-	-	0.48 (0.86)	3.37 (1.35)	0.10 (0.20)	0.28 (0.30)	80.75 (9.78)	-2.25 (9.79)	1.08 (1.19)	0.09 (1.27)	17.59 (4.44)	-4.60 (4.64)
47-Detroit-Warren-Flint, MI	-	-	9.26 (2.58)	7.37 (2.78)	0.20 (0.28)	0.04 (0.29)	77.98 (2.58)	-4.92 (2.59)	2.75 (2.29)	-1.20 (2.30)	9.81 (2.18)	-2.32 (2.25)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
48-Dothan-Enterprise-Ozark, AL	0.11 (0.22)	0.24 (0.30)	25.14 (13.70)	14.28 (13.99)	0.19 (0.32)	0.06 (0.38)	53.68 (2.31)	-1.46 (3.71)	2.31 (2.15)	-0.96 (2.22)	18.58 (8.22)	-12.16 (8.33)
49-Dover, DE	1.03 (1.84)	0.29 (1.92)	15.15 (10.03)	12.49 (10.55)	0.13 (0.35)	0.11 (0.40)	67.07 (5.41)	-11.24 (5.83)	2.16 (3.21)	-0.80 (3.29)	14.46 (9.39)	-0.85 (9.61)
50-Duluth, MN-WI	-	-	0.06 (0.17)	0.26 (0.40)	4.06 (2.96)	-2.07 (3.03)	89.69 (5.14)	3.41 (5.32)	0.14 (0.31)	1.63 (0.87)	6.05 (2.82)	-3.96 (2.90)
51-El Paso, TX	0.29 (0.53)	0.07 (0.59)	0.52 (0.76)	2.04 (1.17)	1.39 (1.54)	-0.48 (1.61)	10.02 (2.50)	5.38 (2.85)	0.28 (0.58)	-0.10 (0.60)	87.51 (5.33)	-6.92 (5.48)
52-Erie, PA	-	-	-	-	-	-	94.96 (5.22)	-2.46 (5.63)	-	-	5.04 (7.67)	-2.60 (7.77)
53-Eugene-Springfield, OR	-	-	-	-	1.09 (2.04)	0.76 (2.17)	72.67 (4.79)	3.57 (5.10)	6.84 (4.73)	-3.80 (4.85)	19.40 (9.20)	-2.40 (9.44)
54-Evansville, IN-KY	0.08 (0.23)	0.41 (0.31)	2.34 (1.72)	1.84 (1.89)	-	-	91.37 (2.92)	-0.09 (3.05)	0.28 (0.40)	0.40 (0.50)	5.93 (4.74)	-2.75 (4.79)
55-Fargo-Wahpeton, ND-MN	2.21 (2.50)	-1.26 (2.58)	5.06 (7.20)	-1.47 (7.33)	5.81 (4.10)	-3.20 (4.20)	75.11 (7.72)	10.55 (7.99)	3.56 (3.10)	-1.61 (3.20)	8.26 (5.41)	-3.00 (5.51)
56-Farmington, NM	-	-	1.37 (2.40)	-1.05 (2.44)	36.88 (23.30)	-4.05 (23.68)	37.77 (10.83)	3.19 (11.53)	0.86 (1.95)	0.91 (2.28)	23.13 (8.40)	0.66 (8.96)
57-Fayetteville-Springdale-Rogers, AR-MO	0.17 (0.34)	1.29 (0.64)	0.89 (1.08)	0.03 (1.16)	6.48 (3.13)	2.22 (3.35)	56.27 (5.44)	3.49 (5.98)	2.63 (1.97)	0.74 (2.12)	33.56 (8.18)	-7.78 (8.55)
58-Flagstaff, AZ	-	-	0.38 (0.82)	0.16 (1.05)	17.33 (8.22)	-4.88 (8.56)	69.94 (17.77)	1.62 (18.22)	0.19 (0.65)	0.40 (0.83)	12.16 (8.84)	2.25 (9.31)
59-Fort Smith, AR-OK	-	-	5.25 (6.44)	-0.65 (6.55)	9.31 (4.66)	-0.22 (4.84)	52.70 (10.52)	5.90 (10.96)	7.62 (3.81)	-1.43 (3.96)	25.11 (8.82)	-5.76 (9.11)
60-Fort Wayne-Huntington-Auburn, IN	0.68 (1.07)	0.88 (1.24)	2.12 (2.59)	2.20 (2.78)	-	-	88.25 (5.99)	-3.09 (6.17)	0.63 (1.40)	0.49 (1.49)	8.31 (4.76)	-0.58 (4.87)
61-Fresno-Madera, CA	0.93 (0.85)	2.56 (1.06)	1.03 (1.08)	0.41 (1.15)	0.59 (0.49)	-0.23 (0.50)	31.25 (3.72)	-15.31 (3.82)	0.96 (0.79)	-0.20 (0.82)	65.24 (9.82)	12.77 (9.91)
62-Gainesville, FL	1.30 (2.13)	-0.50 (2.22)	18.91 (7.32)	-2.51 (7.95)	-	-	71.96 (12.41)	-2.03 (13.05)	-	-	7.83 (4.45)	3.17 (5.41)
63-Grand Forks, ND-MN	3.37 (3.81)	-2.68 (3.83)	-	-	10.62 (6.40)	-6.35 (6.49)	72.11 (6.68)	14.47 (7.07)	3.70 (4.18)	-1.86 (4.26)	10.20 (8.08)	-5.14 (8.18)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
64-Grand Rapids-Muskegon-Holland, MI	0.23 (0.49)	1.60 (0.70)	5.74 (2.63)	0.67 (2.82)	1.23 (1.11)	-0.92 (1.12)	81.32 (5.45)	-6.38 (5.62)	0.71 (1.07)	1.05 (1.19)	10.78 (4.33)	3.98 (4.61)
65-Great Falls, MT	-	-	4.40 (4.92)	-3.53 (5.00)	6.41 (3.58)	0.83 (3.87)	80.53 (9.51)	5.51 (9.78)	3.79 (3.32)	-1.15 (3.55)	4.88 (4.17)	-1.70 (4.43)
66-Greensboro--Winston-Salem--High Point, NC	0.37 (0.49)	1.49 (0.67)	9.25 (3.33)	11.18 (3.70)	0.53 (0.64)	-0.23 (0.66)	54.56 (7.63)	4.67 (7.86)	2.37 (2.22)	-0.91 (2.28)	32.91 (4.94)	-16.21 (5.03)
67-Greenville, NC	-	-	14.07 (5.68)	17.64 (6.38)	0.21 (0.48)	-0.01 (0.51)	63.16 (13.70)	-12.09 (14.04)	0.50 (0.71)	1.64 (1.19)	22.07 (7.53)	-7.44 (7.69)
68-Greenville-Spartanburg-Anderson, SC	-	-	11.98 (7.24)	13.50 (7.45)	1.41 (1.29)	-1.08 (1.31)	64.83 (7.72)	-4.03 (7.81)	0.42 (0.58)	1.10 (0.85)	21.36 (6.03)	-10.58 (6.14)
69-Gulfport-Biloxi-Pascagoula, MS	9.66 (20.46)	-7.80 (20.50)	15.69 (11.08)	4.26 (11.56)	0.33 (1.19)	-0.16 (1.20)	49.22 (6.98)	18.68 (7.88)	5.57 (7.80)	-3.89 (7.88)	19.53 (8.25)	-11.08 (8.64)
70-Harrisburg-Carlisle-Lebanon, PA	0.52 (0.56)	1.54 (0.88)	1.55 (1.35)	3.83 (1.53)	0.53 (0.56)	-0.36 (0.58)	89.63 (4.31)	-7.84 (4.39)	2.09 (1.57)	-0.96 (1.63)	5.68 (2.53)	3.80 (2.74)
71-Harrisonburg, VA	-	-	1.45 (2.05)	2.40 (2.38)	-	-	86.64 (12.74)	-2.73 (12.84)	1.07 (1.55)	0.07 (1.71)	10.84 (4.49)	-0.25 (4.94)
72-Hartford-West Hartford-Willimantic, CT	1.33 (1.17)	0.46 (1.30)	7.42 (4.34)	2.06 (4.50)	0.28 (0.45)	-0.18 (0.46)	63.47 (7.37)	2.34 (7.51)	4.37 (6.78)	-2.80 (6.79)	23.13 (8.32)	-1.88 (8.56)
73-Helena, MT	-	-	0.42 (0.87)	-0.18 (0.94)	3.66 (3.65)	-0.74 (3.86)	94.01 (6.96)	-3.44 (7.05)	1.16 (2.16)	0.58 (2.36)	0.74 (1.41)	3.38 (2.34)
74-Honolulu, HI	28.64 (7.38)	5.20 (7.88)	0.20 (0.35)	1.15 (0.70)	12.85 (3.58)	1.13 (3.86)	18.27 (4.94)	-2.72 (5.28)	34.08 (10.46)	-10.30 (10.68)	5.96 (2.47)	5.54 (2.93)
75-Houston-Baytown-Huntsville, TX	0.75 (0.40)	1.40 (0.50)	8.54 (2.43)	7.00 (2.57)	0.06 (0.08)	0.18 (0.13)	17.00 (2.56)	7.52 (2.67)	0.30 (0.26)	0.42 (0.30)	73.35 (1.68)	-16.52 (1.81)
76-Huntsville-Decatur, AL	0.04 (0.16)	0.48 (0.42)	7.02 (4.57)	7.38 (4.87)	0.85 (1.14)	0.12 (1.22)	63.41 (3.48)	5.66 (3.75)	1.50 (2.94)	0.05 (3.00)	27.18 (9.52)	-13.70 (9.66)
77-Idaho Falls-Blackfoot, ID	-	-	-	-	0.72 (1.08)	0.67 (1.27)	84.08 (5.81)	-5.20 (5.91)	1.41 (2.19)	-0.27 (2.26)	13.79 (7.57)	4.08 (7.88)
78-Indianapolis-Anderson-Columbus, IN	0.69 (0.61)	1.22 (0.71)	4.06 (1.48)	4.38 (1.71)	0.28 (0.31)	-0.02 (0.34)	77.59 (3.83)	1.17 (3.96)	0.70 (0.63)	0.69 (0.70)	16.68 (3.43)	-7.44 (3.55)
79-Jacksonville, FL	1.32 (1.34)	0.98 (1.45)	18.12 (6.15)	6.97 (6.40)	0.15 (0.20)	0.24 (0.31)	53.88 (6.21)	1.43 (6.39)	1.25 (1.03)	0.31 (1.12)	25.27 (7.76)	-9.93 (7.89)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
80-Jackson-Yazoo City, MS	-	-	36.79 (10.01)	12.49 (10.21)	1.30 (1.19)	-0.66 (1.21)	51.47 (5.80)	-5.26 (5.94)	1.03 (0.94)	-0.50 (0.96)	9.41 (2.87)	-6.15 (2.91)
81-Johnson City-Kingsport-Bristol (Tri-Cities), TN-VA	-	-	2.57 (2.55)	-1.02 (2.61)	0.44 (0.80)	-0.29 (0.81)	85.89 (4.14)	7.66 (4.24)	6.92 (9.82)	-6.00 (9.84)	4.18 (3.09)	-0.47 (3.21)
82-Jonesboro, AR	0.14 (0.36)	0.05 (0.47)	6.04 (4.93)	13.95 (5.41)	-	-	78.43 (8.55)	-5.58 (8.87)	1.44 (2.29)	-0.29 (2.35)	13.94 (7.45)	-8.34 (7.56)
83-Joplin, MO	-	-	-	-	4.59 (2.81)	0.47 (2.94)	81.18 (6.88)	-0.57 (7.24)	1.06 (0.92)	2.27 (1.19)	13.16 (5.79)	-4.18 (5.93)
84-Kansas City-Overland Park-Kansas City, MO-KS	0.18 (0.28)	1.61 (0.58)	7.12 (3.69)	2.34 (3.82)	0.59 (0.60)	0.25 (0.65)	69.18 (3.47)	4.83 (3.70)	1.69 (1.22)	0.28 (1.30)	21.24 (3.24)	-9.30 (3.38)
85-Kearney, NE	-	-	0.26 (0.76)	2.52 (1.44)	-	-	67.07 (9.34)	5.07 (9.48)	1.06 (2.11)	0.63 (2.30)	31.61 (13.91)	-8.48 (14.27)
86-Kennewick-Richland-Pasco, WA	-	-	-	-	2.55 (2.54)	-1.82 (2.56)	57.72 (12.13)	-26.08 (12.37)	2.24 (3.25)	-0.90 (3.32)	37.49 (8.22)	27.42 (8.59)
87-Killeen-Temple-Fort Hood, TX	1.46 (2.07)	0.04 (2.15)	7.24 (4.22)	6.20 (4.48)	0.54 (1.01)	0.22 (1.09)	31.52 (5.38)	12.43 (5.61)	1.28 (1.38)	0.01 (1.47)	57.96 (9.49)	-18.90 (9.78)
88-Knoxville-Sevierville-La Follette, TN	-	-	2.18 (1.70)	3.37 (2.07)	-	-	76.88 (7.32)	8.73 (7.34)	0.39 (0.54)	0.41 (0.71)	20.55 (7.35)	-13.37 (7.44)
89-La Crosse, WI-MN	-	-	1.81 (3.04)	-0.62 (3.18)	0.40 (1.02)	-0.21 (1.04)	95.60 (3.66)	-3.63 (4.34)	-	-	2.20 (2.73)	2.77 (2.90)
90-Lafayette-Acadiana, LA	5.66 (9.31)	-4.35 (9.32)	20.61 (9.09)	6.07 (9.38)	2.11 (1.45)	-1.61 (1.48)	55.07 (11.46)	9.04 (11.69)	1.72 (2.07)	-0.64 (2.15)	14.84 (7.80)	-8.51 (7.91)
91-Lake Charles-Jennings, LA	-	-	20.76 (15.32)	-0.06 (15.62)	3.25 (2.00)	-2.11 (2.17)	65.72 (19.59)	2.92 (19.93)	4.91 (7.14)	-3.01 (7.25)	5.37 (5.03)	1.37 (5.35)
92-Las Vegas-Paradise-Pahrump, NV	1.06 (0.78)	1.30 (0.92)	3.87 (1.75)	2.31 (2.03)	1.20 (0.83)	0.68 (0.91)	34.97 (5.70)	9.07 (5.81)	0.86 (0.61)	1.18 (0.79)	58.03 (6.30)	-14.54 (6.48)
93-Lewiston, ID-WA	-	-	-	-	1.79 (2.60)	-0.69 (2.69)	92.28 (12.61)	-17.45 (12.92)	3.50 (5.28)	-1.60 (5.39)	2.44 (3.24)	18.08 (4.46)
94-Lexington-Fayette--Frankfort--Richmond, KY	0.66 (0.72)	-0.04 (0.78)	2.25 (1.44)	2.67 (1.72)	-	-	86.21 (2.57)	0.63 (2.85)	1.68 (1.77)	-0.47 (1.83)	9.20 (4.14)	-2.95 (4.22)
95-Lincoln, NE	-	-	0.92 (2.18)	3.02 (2.95)	4.51 (7.43)	-3.31 (7.52)	75.31 (9.26)	3.10 (9.65)	0.54 (0.99)	0.93 (1.55)	18.72 (12.80)	-7.40 (13.14)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
96-Little Rock-North Little Rock-Pine Bluff, AR	0.09 (0.16)	0.50 (0.32)	10.51 (4.69)	11.11 (4.92)	0.65 (0.86)	-0.15 (0.90)	70.02 (6.93)	-3.23 (7.09)	0.91 (0.86)	0.25 (0.95)	17.82 (4.02)	-8.48 (4.14)
97-Los Angeles-Long Beach-Riverside, CA	2.57 (0.43)	1.69 (0.48)	1.70 (0.52)	2.00 (0.58)	0.38 (0.18)	0.02 (0.19)	14.98 (0.93)	-0.09 (0.99)	0.78 (0.25)	0.28 (0.28)	79.60 (1.19)	-3.90 (1.33)
98-Louisville-Elizabethtown-Scottsburg, KY-IN	0.44 (0.47)	0.16 (0.51)	2.12 (1.36)	8.62 (1.87)	-	-	83.22 (6.05)	-3.98 (6.14)	2.48 (2.70)	-1.05 (2.76)	11.73 (4.40)	-3.98 (4.45)
99-Lubbock-Levelland, TX	-	-	3.44 (2.63)	-0.10 (2.73)	0.88 (1.23)	-0.49 (1.27)	31.63 (6.14)	2.11 (6.28)	0.57 (0.74)	0.17 (0.81)	63.49 (9.70)	-2.18 (9.88)
100-Macon-Warner Robins-Fort Valley, GA	0.16 (0.34)	0.25 (0.43)	22.71 (13.02)	18.68 (13.18)	-	-	58.06 (6.12)	-10.79 (6.47)	0.66 (1.07)	-0.18 (1.09)	18.42 (5.70)	-8.02 (5.96)
101-Madison-Baraboo, WI	0.73 (0.98)	-0.06 (1.03)	0.78 (1.08)	0.81 (1.17)	1.29 (1.60)	-0.56 (1.62)	93.74 (5.48)	-4.48 (5.55)	0.85 (0.87)	0.15 (0.94)	2.61 (1.32)	4.14 (1.62)
102-Marinette, WI-MI	-	-	0.26 (0.67)	0.17 (0.78)	2.67 (2.29)	0.02 (2.47)	94.10 (6.71)	-1.88 (6.73)	2.41 (3.62)	-0.14 (3.76)	0.56 (2.65)	1.18 (2.84)
103-Mason City, IA	1.61 (3.95)	-0.32 (4.07)	0.73 (1.86)	0.56 (2.06)	-	-	88.32 (8.00)	3.29 (8.11)	0.83 (1.38)	-0.13 (1.50)	8.50 (6.69)	-3.53 (6.89)
104-McAllen-Edinburg-Pharr, TX	-	-	-	-	-	-	1.09 (0.89)	3.43 (1.22)	-	-	98.91 (2.04)	-4.60 (2.22)
105-Memphis, TN-MS-AR	0.30 (0.42)	0.22 (0.46)	18.61 (4.85)	22.76 (5.07)	-	-	56.03 (6.72)	-6.64 (6.88)	1.69 (1.72)	-0.80 (1.76)	23.37 (4.33)	-15.65 (4.38)
106-Miami-Fort Lauderdale-Miami Beach, FL	0.31 (0.26)	0.39 (0.32)	15.19 (3.67)	3.37 (3.79)	0.10 (0.12)	0.02 (0.14)	16.72 (2.84)	1.47 (2.97)	0.94 (0.92)	-0.13 (0.93)	66.74 (1.82)	-5.12 (2.17)
107-Midland-Odessa, TX	-	-	1.35 (1.24)	1.22 (1.37)	1.37 (1.60)	-0.69 (1.65)	15.38 (2.74)	15.30 (3.09)	-	-	81.91 (10.96)	-16.53 (11.16)
108-Milwaukee-Racine-Waukesha, WI	0.10 (0.19)	2.37 (0.59)	8.95 (8.42)	0.60 (8.52)	0.22 (0.47)	0.45 (0.54)	71.13 (2.69)	-0.30 (2.79)	1.80 (2.12)	-0.60 (2.15)	17.80 (4.91)	-2.53 (5.05)
109-Minneapolis-St. Paul-St. Cloud, MN-WI	0.72 (0.52)	2.77 (0.64)	1.77 (1.38)	2.93 (1.53)	1.21 (0.73)	-0.45 (0.75)	84.65 (1.32)	-3.38 (1.39)	2.09 (1.41)	-0.57 (1.44)	9.56 (2.72)	-1.31 (2.77)
110-Minot, ND	4.08 (4.57)	-3.45 (4.59)	2.37 (4.61)	0.37 (4.82)	11.49 (7.37)	-7.40 (7.50)	69.60 (8.04)	13.25 (8.25)	3.26 (4.84)	-1.22 (4.92)	9.20 (9.46)	-1.55 (9.58)
111-Missoula, MT	-	-	3.17 (4.84)	-1.71 (4.96)	7.93 (5.17)	-2.67 (5.49)	87.73 (14.40)	1.62 (14.96)	0.99 (1.80)	1.17 (2.19)	0.18 (0.58)	1.58 (1.61)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
112-Mobile-Daphne-Fairhope, AL	-	-	23.67 (9.97)	11.70 (10.37)	1.81 (2.03)	-0.14 (2.20)	51.38 (10.27)	4.92 (10.43)	18.09 (30.91)	-16.84 (30.93)	5.04 (4.73)	-1.15 (4.85)
113-Monroe-Bastrop, LA	-	-	32.37 (23.14)	5.57 (23.49)	0.45 (1.59)	0.04 (1.62)	47.01 (12.92)	9.74 (13.18)	-	-	20.17 (22.05)	-16.60 (22.08)
114-Montgomery-Alexander City, AL	-	-	31.35 (14.86)	13.44 (15.04)	0.09 (0.19)	0.14 (0.30)	60.59 (14.63)	-11.72 (14.84)	2.21 (2.25)	-0.86 (2.32)	5.77 (4.59)	-1.56 (4.71)
115-Myrtle Beach-Conway-Georgetown, SC	-	-	13.61 (3.89)	22.05 (4.58)	4.86 (3.89)	-3.32 (3.92)	59.71 (10.19)	-9.11 (10.48)	1.15 (1.07)	0.24 (1.20)	20.67 (5.69)	-10.18 (5.80)
116-Nashville-Davidson--Murfreesboro--Columbia, TN	0.07 (0.12)	1.31 (0.33)	7.45 (2.52)	6.04 (2.87)	0.57 (0.75)	-0.10 (0.77)	71.14 (4.89)	1.08 (4.89)	1.57 (1.33)	0.32 (1.40)	19.20 (4.01)	-8.65 (4.14)
117-New Orleans-Metairie-Bogalusa, LA	1.08 (0.87)	1.16 (1.03)	19.95 (5.97)	10.54 (6.24)	0.43 (0.56)	0.62 (0.74)	39.06 (7.06)	10.14 (7.36)	0.87 (1.02)	0.24 (1.09)	38.61 (5.18)	-22.70 (5.41)
118-New York-Newark-Bridgeport, NY-NJ-CT-PA	6.15 (1.00)	-0.50 (1.04)	9.03 (0.95)	4.11 (1.08)	0.15 (0.12)	0.00 (0.13)	31.22 (1.47)	4.77 (1.57)	2.39 (0.65)	-0.72 (0.67)	51.06 (1.81)	-7.65 (1.94)
119-Oklahoma City-Shawnee, OK	0.14 (0.31)	1.70 (0.63)	3.01 (2.09)	2.74 (2.23)	4.78 (2.60)	-0.27 (2.67)	47.68 (5.38)	6.54 (5.49)	2.52 (1.37)	0.97 (1.50)	41.86 (5.98)	-11.67 (6.06)
120-Omaha-Council Bluffs-Fremont, NE-IA	-	-	1.71 (1.91)	3.01 (2.07)	1.46 (1.34)	-0.52 (1.39)	65.99 (4.46)	7.37 (4.64)	0.73 (0.86)	0.54 (0.93)	30.11 (7.23)	-12.48 (7.35)
121-Orlando-The Villages, FL	0.50 (0.38)	0.50 (0.43)	9.77 (2.26)	4.00 (2.47)	0.44 (0.78)	-0.08 (0.79)	43.11 (4.76)	1.42 (4.86)	1.27 (0.61)	0.21 (0.70)	44.90 (5.01)	-6.06 (5.23)
122-Paducah, KY-IL	-	-	4.98 (4.30)	3.16 (4.73)	-	-	90.12 (12.93)	-3.53 (13.07)	0.19 (0.51)	0.85 (0.72)	4.71 (3.99)	-0.75 (4.23)
123-Panama City-Lynn Haven, FL	-	-	22.27 (22.24)	-5.01 (22.47)	-	-	62.48 (10.85)	8.13 (11.49)	2.06 (3.00)	-0.40 (3.14)	13.19 (6.88)	-4.21 (7.25)
124-Pendleton-Hermiston, OR	-	-	0.83 (2.12)	-0.54 (2.13)	3.32 (4.31)	0.00 (4.49)	69.21 (4.61)	-13.55 (5.93)	1.24 (2.23)	-0.20 (2.33)	25.39 (16.11)	14.12 (16.53)
125-Pensacola-Ferry Pass-Brent, FL	-	-	19.13 (14.98)	-5.11 (15.09)	-	-	64.67 (10.51)	7.01 (10.66)	1.25 (1.55)	1.19 (1.76)	14.95 (4.86)	-5.30 (5.18)
126-Peoria-Canton, IL	-	-	4.48 (3.19)	0.03 (3.36)	-	-	88.19 (6.58)	-0.27 (6.62)	0.14 (0.28)	0.36 (0.38)	7.18 (3.07)	-1.30 (3.23)
127-Philadelphia-Camden-Vineland, PA-NJ-DE-MD	2.32 (0.97)	1.39 (1.04)	12.33 (2.74)	4.26 (2.92)	0.49 (0.49)	-0.30 (0.50)	61.56 (3.22)	-3.79 (3.36)	1.46 (0.86)	0.32 (0.93)	21.85 (4.22)	-1.89 (4.36)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
128-Phoenix-Mesa-Scottsdale, AZ	0.78 (0.51)	0.44 (0.56)	1.82 (0.85)	2.67 (0.98)	4.48 (1.28)	0.33 (1.38)	30.68 (2.34)	4.40 (2.44)	2.06 (2.33)	-0.63 (2.36)	60.18 (4.39)	-7.20 (4.68)
129-Pittsburgh-New Castle, PA	0.25 (0.35)	0.53 (0.45)	4.18 (2.31)	0.28 (2.43)	-	-	92.97 (2.69)	-1.35 (2.77)	1.30 (0.88)	0.01 (0.95)	1.30 (0.97)	0.46 (1.04)
130-Portland-Lewiston-South Portland, ME	0.53 (1.07)	1.17 (1.34)	0.41 (1.15)	0.89 (1.27)	-	-	97.64 (2.86)	-4.67 (2.87)	1.08 (0.93)	0.65 (1.08)	0.35 (0.75)	1.17 (1.01)
131-Portland-Vancouver-Beaverton, OR-WA	0.44 (0.34)	2.74 (0.59)	1.24 (1.06)	0.30 (1.12)	0.75 (0.53)	0.34 (0.58)	65.88 (6.05)	-3.24 (6.09)	2.12 (1.08)	0.69 (1.19)	29.56 (4.05)	-0.82 (4.28)
132-Pueblo, CO	-	-	-	-	0.18 (0.44)	1.22 (0.96)	56.75 (9.31)	-3.16 (9.37)	0.15 (0.46)	1.54 (0.99)	42.92 (10.77)	-1.74 (11.43)
133-Raleigh-Durham-Cary, NC	0.23 (0.28)	0.92 (0.38)	14.08 (2.93)	20.08 (3.28)	4.73 (1.79)	-1.55 (1.83)	46.19 (6.58)	-5.99 (6.68)	1.02 (1.01)	0.33 (1.06)	33.75 (4.22)	-13.79 (4.31)
134-Rapid City, SD	-	-	1.64 (2.77)	1.28 (2.97)	5.80 (2.74)	-0.63 (3.13)	80.47 (17.21)	-1.79 (17.35)	0.97 (1.42)	0.13 (1.60)	11.12 (6.43)	0.87 (6.77)
135-Redding, CA	-	-	-	-	4.04 (3.16)	-2.05 (3.26)	77.72 (4.53)	-18.81 (5.54)	0.61 (1.04)	0.83 (1.20)	17.63 (7.17)	17.86 (7.52)
136-Reno-Sparks, NV	1.06 (1.58)	0.62 (1.71)	-	-	1.49 (1.03)	1.28 (1.20)	55.03 (10.54)	4.36 (10.87)	1.06 (1.07)	0.58 (1.23)	41.37 (9.00)	-8.77 (9.29)
137-Richmond, VA	0.45 (0.68)	0.81 (0.78)	13.88 (3.27)	21.86 (3.87)	0.16 (0.57)	0.13 (0.59)	58.59 (7.69)	-8.70 (7.84)	1.02 (1.00)	0.46 (1.13)	25.89 (5.05)	-14.56 (5.20)
138-Roanoke, VA	1.35 (1.92)	-0.70 (1.96)	6.11 (4.53)	4.41 (4.88)	0.43 (0.78)	-0.08 (0.82)	78.86 (4.08)	3.50 (4.27)	1.98 (3.42)	-1.01 (3.47)	11.27 (6.04)	-6.12 (6.18)
139-Rochester-Batavia-Seneca Falls, NY	0.63 (1.06)	0.39 (1.10)	4.79 (4.04)	0.96 (4.21)	0.33 (0.52)	-0.18 (0.54)	83.24 (2.67)	2.20 (2.68)	1.29 (1.71)	0.04 (1.78)	9.72 (5.95)	-3.40 (6.05)
140-Sacramento--Arden-Arcade--Truckee, CA-NV	2.91 (1.36)	4.42 (1.64)	2.39 (1.38)	1.75 (1.57)	1.22 (0.92)	0.51 (0.99)	52.63 (5.31)	-7.13 (5.51)	3.12 (1.42)	-0.17 (1.54)	37.72 (6.00)	0.63 (6.20)
141-Salina, KS	-	-	3.45 (5.98)	-0.97 (6.17)	-	-	91.15 (8.91)	-4.25 (9.17)	0.46 (1.03)	0.82 (1.24)	4.95 (5.03)	3.09 (5.39)
142-Salt Lake City-Ogden-Clearfield, UT	0.43 (0.38)	1.23 (0.54)	0.52 (0.84)	0.64 (0.91)	3.13 (1.35)	-0.11 (1.44)	59.77 (4.18)	6.09 (4.50)	0.83 (0.92)	0.91 (1.01)	35.31 (4.29)	-8.77 (4.44)
143-San Angelo, TX	-	-	0.24 (0.56)	1.22 (0.93)	-	-	43.75 (8.92)	6.55 (9.42)	0.03 (0.14)	0.49 (0.34)	55.97 (24.50)	-8.37 (24.72)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
144-San Antonio, TX	0.04 (0.08)	0.43 (0.23)	1.02 (0.68)	3.24 (0.96)	0.00 (0.03)	0.14 (0.10)	16.58 (3.72)	7.64 (3.84)	0.16 (0.22)	0.68 (0.35)	82.20 (6.58)	-12.14 (6.86)
145-San Diego-Carlsbad-San Marcos, CA	1.50 (0.75)	3.50 (1.12)	2.71 (1.44)	1.54 (1.65)	0.63 (0.49)	0.60 (0.64)	30.77 (3.43)	-4.17 (3.84)	0.91 (0.56)	1.18 (0.75)	63.49 (5.90)	-2.64 (6.06)
146-San Jose-San Francisco-Oakland, CA	5.71 (1.45)	3.67 (1.53)	1.42 (0.43)	2.33 (0.54)	0.88 (0.42)	0.14 (0.45)	26.50 (1.98)	-0.85 (2.08)	1.66 (0.49)	0.32 (0.55)	63.83 (3.42)	-5.61 (3.50)
147-Santa Fe-Espanola, NM	-	-	-	-	1.55 (2.04)	2.48 (2.91)	23.40 (5.81)	2.03 (6.58)	0.19 (0.57)	1.38 (1.59)	74.85 (20.54)	-7.87 (21.01)
148-Sarasota-Bradenton-Venice, FL	0.12 (0.25)	0.45 (0.37)	4.99 (1.97)	2.93 (2.22)	0.22 (0.38)	0.06 (0.43)	45.70 (7.56)	0.71 (7.76)	2.76 (2.76)	-2.01 (2.78)	46.21 (5.95)	-2.13 (6.19)
149-Savannah-Hinesville-Fort Stewart, GA	0.80 (1.12)	-0.11 (1.18)	28.25 (12.04)	13.57 (12.26)	-	-	50.92 (3.95)	-5.63 (4.33)	1.25 (1.40)	-0.15 (1.46)	18.77 (7.64)	-8.04 (7.74)
150-Scotts Bluff, NE	-	-	-	-	0.97 (2.26)	0.57 (2.64)	84.28 (10.05)	3.22 (10.23)	-	-	14.75 (10.42)	-5.81 (10.70)
151-Scranton--Wilkes-Barre, PA	0.44 (0.83)	1.00 (1.01)	5.90 (9.62)	-2.86 (9.67)	-	-	81.42 (5.86)	-1.27 (5.89)	0.29 (0.59)	1.07 (0.83)	11.95 (13.24)	1.99 (13.40)
152-Seattle-Tacoma-Olympia, WA	3.27 (1.20)	2.90 (1.35)	3.12 (1.82)	1.59 (1.91)	1.59 (0.85)	0.93 (0.93)	60.95 (4.28)	0.53 (4.38)	4.23 (1.47)	-0.02 (1.56)	26.84 (3.85)	-5.93 (3.98)
153-Shreveport-Bossier City-Minden, LA	-	-	34.65 (12.68)	4.59 (13.07)	0.32 (1.12)	0.24 (1.18)	49.77 (9.73)	4.64 (10.18)	0.85 (1.70)	0.26 (1.79)	14.40 (5.70)	-10.12 (5.78)
154-Sioux City-Vermillion, IA-NE-SD	0.16 (0.34)	2.26 (0.61)	0.95 (1.52)	1.15 (1.66)	1.40 (1.19)	-0.31 (1.32)	70.47 (5.09)	3.31 (5.21)	0.63 (0.99)	0.41 (1.07)	26.40 (8.55)	-6.82 (8.68)
155-Sioux Falls, SD	0.25 (0.50)	2.02 (0.97)	1.43 (2.72)	2.66 (2.90)	3.80 (2.03)	-0.31 (2.30)	80.86 (5.72)	-1.75 (5.94)	0.35 (0.43)	0.58 (0.65)	13.31 (6.77)	-3.19 (6.90)
156-South Bend-Mishawaka, IN-MI	1.03 (1.20)	-0.54 (1.22)	5.87 (3.66)	-0.97 (3.74)	0.96 (0.79)	-0.69 (0.80)	83.11 (5.51)	-2.55 (5.59)	0.64 (1.10)	0.79 (1.17)	8.39 (4.28)	3.96 (4.47)
157-Spokane, WA	0.45 (0.68)	0.77 (0.89)	1.71 (2.47)	-0.97 (2.52)	1.54 (1.16)	0.50 (1.32)	89.65 (7.23)	-9.53 (7.48)	2.49 (2.40)	0.19 (2.51)	4.16 (3.62)	9.04 (4.00)
158-Springfield, IL	-	-	2.29 (2.19)	1.47 (2.32)	-	-	93.77 (1.96)	-2.09 (2.00)	0.78 (1.22)	0.22 (1.32)	3.15 (2.52)	-0.17 (2.60)
159-Springfield, MO	-	-	1.07 (1.53)	0.48 (1.66)	1.43 (1.67)	-0.40 (1.73)	83.41 (5.60)	4.27 (5.80)	1.42 (1.26)	-0.17 (1.35)	12.67 (5.07)	-5.33 (5.24)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
160-St. Louis-St. Charles-Farmington, MO-IL	0.61 (0.48)	0.19 (0.55)	8.65 (2.77)	3.55 (3.00)	-	-	81.72 (3.43)	-0.96 (3.51)	2.28 (1.88)	-0.42 (1.92)	6.74 (2.79)	-2.58 (2.85)
161-State College, PA	-	-	0.80 (1.34)	-0.20 (1.39)	-	-	96.72 (0.68)	-0.07 (0.92)	0.91 (1.11)	-0.53 (1.13)	1.57 (3.14)	0.18 (3.18)
162-Syracuse-Auburn, NY	0.70 (0.62)	0.71 (0.71)	2.86 (1.81)	0.04 (1.90)	0.23 (0.31)	0.38 (0.42)	88.12 (4.95)	2.87 (4.99)	2.70 (1.74)	-1.15 (1.79)	5.39 (2.45)	-2.85 (2.51)
163-Tallahassee, FL	1.56 (2.31)	-1.00 (2.35)	28.96 (7.79)	3.94 (8.34)	0.26 (0.66)	0.00 (0.73)	56.87 (12.31)	-6.30 (12.50)	1.93 (2.38)	-1.12 (2.43)	10.43 (4.98)	4.48 (5.34)
164-Tampa-St. Petersburg-Clearwater, FL	0.27 (0.35)	1.38 (0.49)	9.26 (4.43)	4.28 (4.67)	0.75 (1.48)	-0.55 (1.49)	42.26 (4.53)	4.36 (4.76)	1.62 (1.06)	-0.17 (1.12)	45.84 (3.90)	-9.29 (4.33)
165-Texarkana, TX-Texarkana, AR	-	-	2.89 (2.40)	8.11 (2.92)	2.84 (2.44)	1.09 (2.60)	69.05 (12.95)	-1.58 (13.29)	5.73 (2.83)	-1.40 (2.93)	19.49 (5.37)	-7.24 (5.55)
166-Toledo-Fremont, OH	-	-	7.15 (6.95)	1.18 (7.10)	0.04 (0.12)	0.12 (0.19)	85.74 (4.21)	-3.52 (4.40)	-	-	7.07 (4.71)	0.19 (4.81)
167-Topeka, KS	-	-	7.05 (5.07)	-3.07 (5.21)	1.92 (1.73)	-1.27 (1.75)	83.02 (1.51)	-1.32 (2.77)	0.09 (0.20)	1.56 (0.66)	7.92 (4.29)	2.78 (4.65)
168-Traverse City, MI	-	-	-	-	2.44 (2.38)	-1.75 (2.41)	93.48 (3.16)	-2.53 (3.38)	0.13 (0.48)	1.63 (0.75)	3.95 (3.06)	1.67 (3.30)
169-Tucson, AZ	0.15 (0.29)	1.07 (0.73)	0.14 (0.29)	2.45 (0.97)	2.06 (1.53)	0.00 (1.66)	32.83 (6.59)	0.62 (7.01)	1.26 (1.37)	-0.08 (1.49)	63.56 (7.61)	-4.08 (8.14)
170-Tulsa-Bartlesville, OK	-	-	5.65 (4.20)	0.01 (4.26)	7.71 (2.38)	3.86 (2.54)	50.36 (5.58)	10.57 (5.82)	9.77 (8.17)	-2.93 (8.21)	26.51 (4.22)	-12.68 (4.34)
171-Tupelo, MS	0.62 (1.23)	-0.33 (1.26)	21.90 (7.55)	12.07 (7.83)	-	-	67.47 (11.10)	-7.39 (11.33)	3.09 (2.92)	-2.41 (2.97)	6.91 (4.58)	-2.05 (4.68)
172-Twin Falls, ID	-	-	-	-	0.69 (1.64)	0.37 (1.82)	83.23 (6.03)	-29.48 (6.72)	-	-	16.08 (12.29)	27.26 (12.91)
173-Virginia Beach-Norfolk-Newport News, VA-NC	2.18 (1.47)	-0.11 (1.54)	24.30 (5.38)	16.21 (5.73)	0.44 (0.96)	0.07 (0.99)	52.84 (7.42)	-6.65 (7.53)	2.38 (1.75)	-0.17 (1.83)	17.86 (5.91)	-9.35 (6.03)
174-Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	1.73 (0.72)	1.07 (0.78)	11.57 (1.84)	11.24 (2.03)	0.24 (0.17)	0.04 (0.19)	39.17 (2.14)	8.13 (2.29)	1.69 (0.77)	0.21 (0.83)	45.61 (2.80)	-20.69 (2.90)
175-Waterloo-Cedar Falls, IA	0.97 (2.39)	0.10 (2.47)	2.48 (3.31)	1.79 (3.53)	-	-	78.40 (5.23)	8.42 (5.85)	-	-	18.16 (9.31)	-11.48 (9.38)

Economic Area	Asian		Black/African American		Indigenous		White		Multiracial/ Another Race		Hispanic/Latinx	
	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)	Constr. (MOE)	Gap (MOE)
176-Wausau-Merrill, WI	0.12 (0.32)	1.49 (0.62)	1.16 (2.19)	-0.42 (2.21)	2.56 (2.02)	-1.54 (2.04)	91.68 (3.56)	-0.58 (3.74)	1.47 (2.35)	-0.26 (2.39)	3.02 (1.81)	1.31 (2.07)
177-Wenatchee, WA	0.45 (0.95)	0.07 (1.04)	–	–	3.34 (2.72)	-2.02 (2.76)	80.60 (12.17)	-33.10 (12.35)	0.95 (1.83)	0.19 (1.94)	14.66 (11.53)	34.39 (11.80)
178-Wichita Falls, TX	0.22 (0.57)	0.57 (0.73)	1.03 (1.43)	1.12 (1.58)	1.27 (1.76)	-0.76 (1.79)	50.01 (14.69)	-3.92 (14.81)	1.59 (1.81)	-0.85 (1.85)	45.88 (6.90)	3.84 (7.16)
179-Wichita-Winfield, KS	–	–	2.08 (2.08)	1.36 (2.21)	1.54 (1.09)	0.26 (1.22)	61.08 (5.62)	4.86 (5.73)	1.21 (1.16)	0.81 (1.28)	34.09 (7.86)	-9.34 (7.98)

Note: The six race and ethnicity categories were constructed based on self-reported race and ethnicity information in the ACS PUMS data and are mutually exclusive. The Asian category includes all individuals who self-identified as Chinese, Japanese, or other Asian in the ACS. The Indigenous category includes all individuals who self-identified as American Indian or Alaska Native; Native Hawaiian; Polynesian; Micronesian; Melanesian; or Pacific Islander, not specified, in the ACS. The multiracial or another race category includes all individuals who self-identified as other race, two major races, or three or more major races in the ACS.

Utilization gaps represent the percentage point difference between the share of workers in similar occupations and the share of workers in onsite construction.

Onsite construction occupations represent a subset of the Standard Occupation Classification (SOC) major category 47 Construction and Extraction that excludes management-related occupations. This subset includes 44 SOC occupations. A complete list of the occupations included is available in table B.1 in [Appendix B](#).

Similar occupations include 133 SOC occupations determined to be similar to onsite construction occupations according to job requirements reported in the O*NET data. A complete list of the similar occupations is available in table B.2 in [Appendix B](#). Some onsite construction occupations are also included in the set of similar occupations due to similarity between individual onsite construction occupations.

The – symbol indicates groups for which the survey team could not estimate the share of workers in construction and the gap.

Constr. = construction

MOE = margin of error

Source: IPUMS USA