



Region 6

Education & Training Outlook

Occupational Projections 2014-2024

Alabama Department of Labor
Labor Market Information Division

Region 6

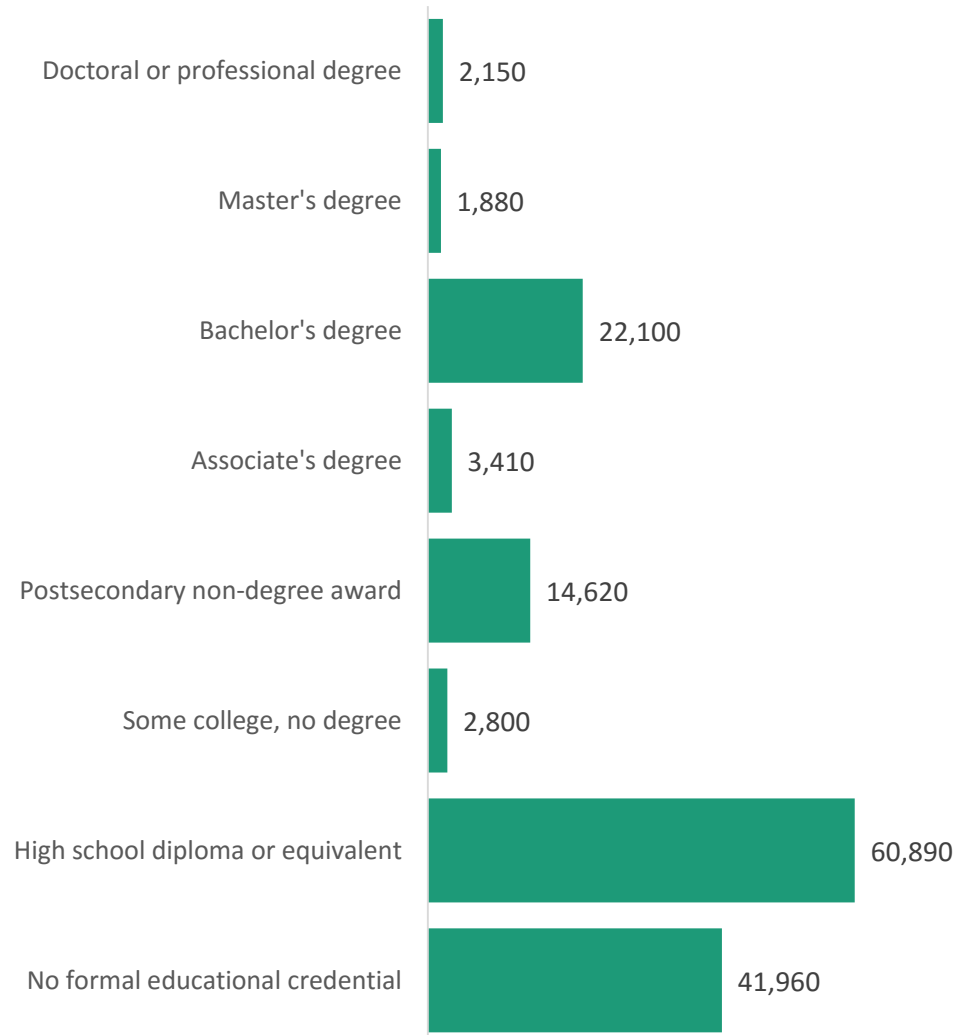
Education & Training Outlook, 2014-2024

The occupations included in the long-term occupational projections, prepared by the Alabama Department of Labor's Labor Market Information Division, were assigned by the Bureau of Labor Statistics within three categories: typical entry-level education, work experience in a related occupation, and typical on-the-job training needed to gain competency.

In 2014, only 31% of jobs were in occupations that typically require postsecondary education* for entry. Within this group, jobs in occupations which require a Bachelor's degree held the largest share at 47%. Occupations requiring a high school diploma or equivalent and no formal educational credential made up a total of 69% of jobs in 2014.

**Postsecondary education group includes: Doctoral or professional degree, Master's degree, Bachelor's degree, Associate's degree, Postsecondary non-degree award, and some college, no degree.*

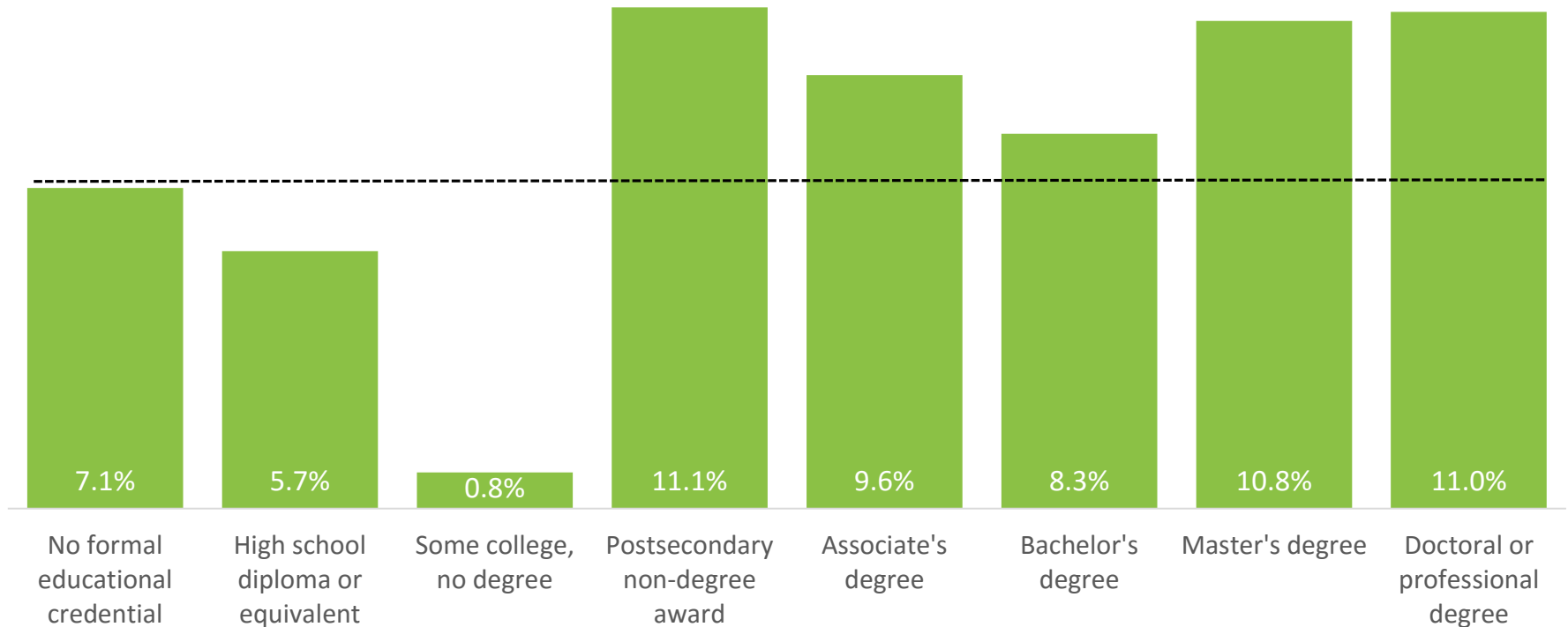
Jobs by Education Level, 2014



Jobs in occupations requiring a form of postsecondary education for entry-level will grow faster during the projected period, 2014-2024.

Percent Change, Projected 2014 – 2024

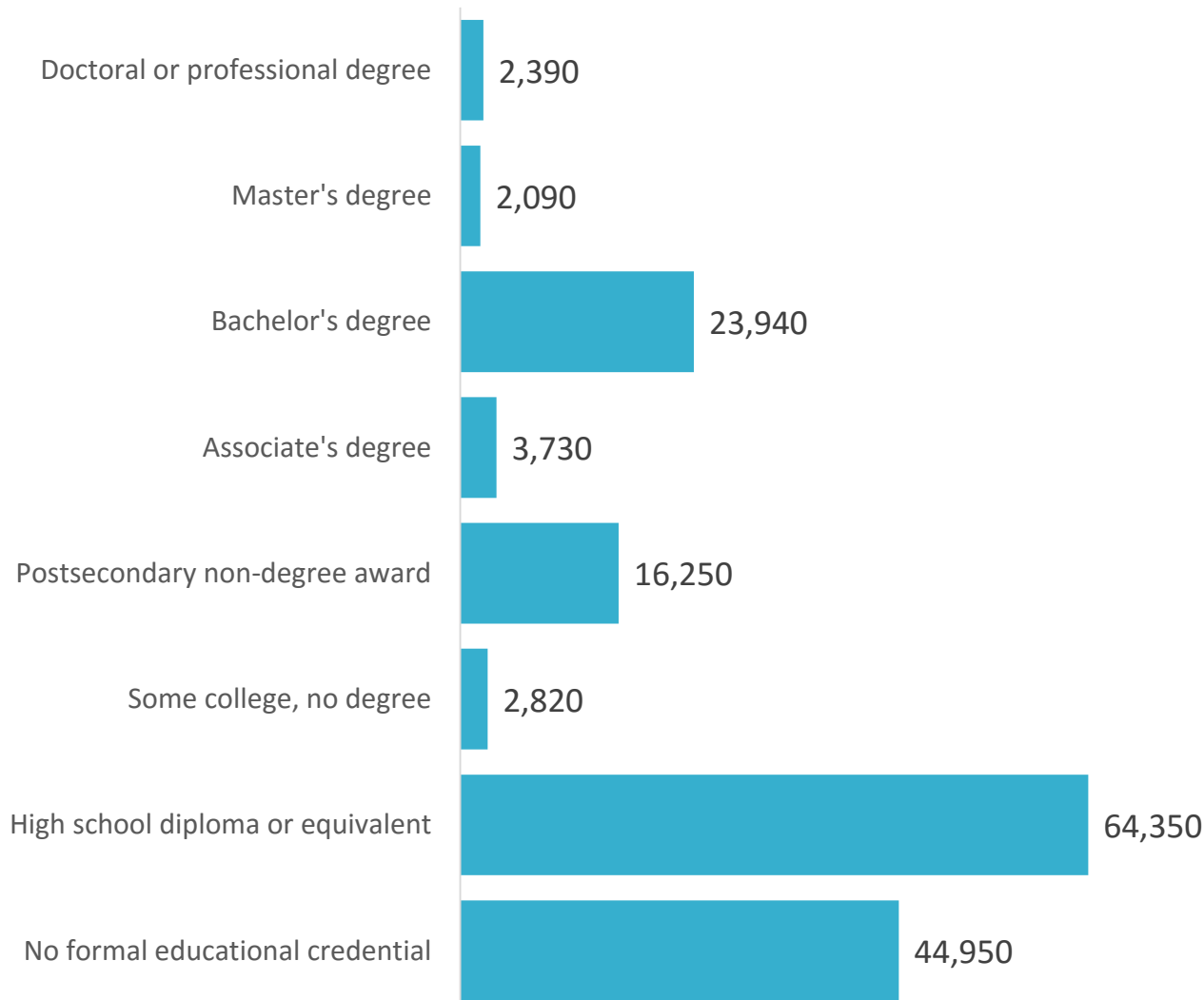
----- Average, all occupations 7.2%



- Occupations with the highest percentage growth typically require a form of postsecondary education, with Postsecondary non-degree award occupations holding the highest share at 11.1%.
- All occupations requiring postsecondary education are projected to grow faster than average, 7.2%.
- At 0.8%, Some college, no degree occupations show the slowest growth over the projection period.

Occupations requiring a high school diploma or equivalent, or less, are projected to make up 68.1% of projected jobs in 2024.

Projected Jobs by Education, 2024



A majority of new jobs over the projected period will not require a postsecondary degree. Jobs in occupations requiring a high school diploma or equivalent and no formal educational credential will make up 68.1% of the total projected jobs.

The top three occupations requiring an entry-level education of a high school diploma or equivalent, or less, with the highest numeric increase over the projected period include:

- Combined Food Preparation and Serving Workers, Including Fast Food – 390
- Retail Salespersons – 350
- Personal Care Aides – 340

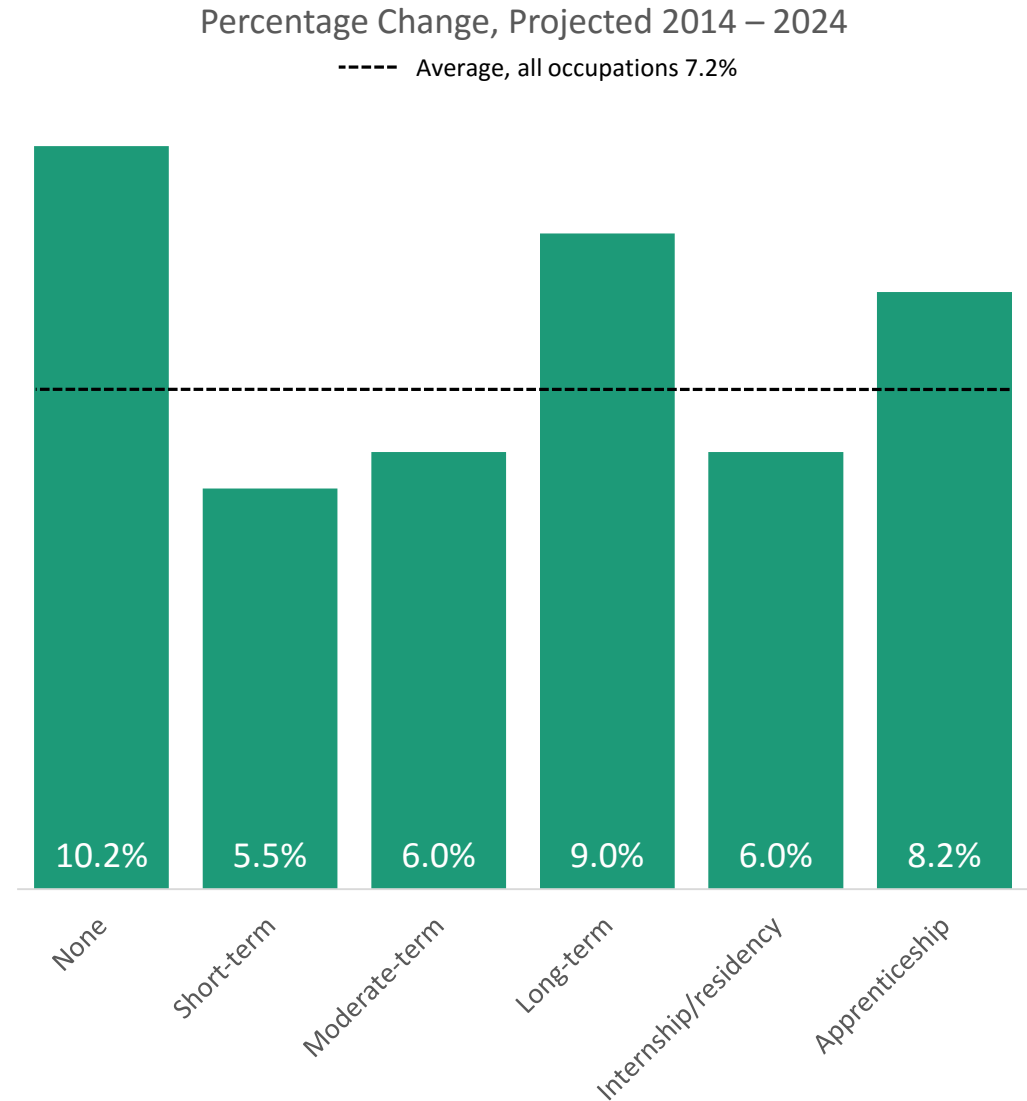
Occupations requiring no training are projected to show the highest percentage of growth over the projected period.

When categorized by on-the-job training required for entry into an occupation, occupations with no training have the highest percentage growth over the projected decade.

A majority of occupations with no training are occupations from the service industries. The top three occupations requiring no training with the highest numeric change over the projected period include:

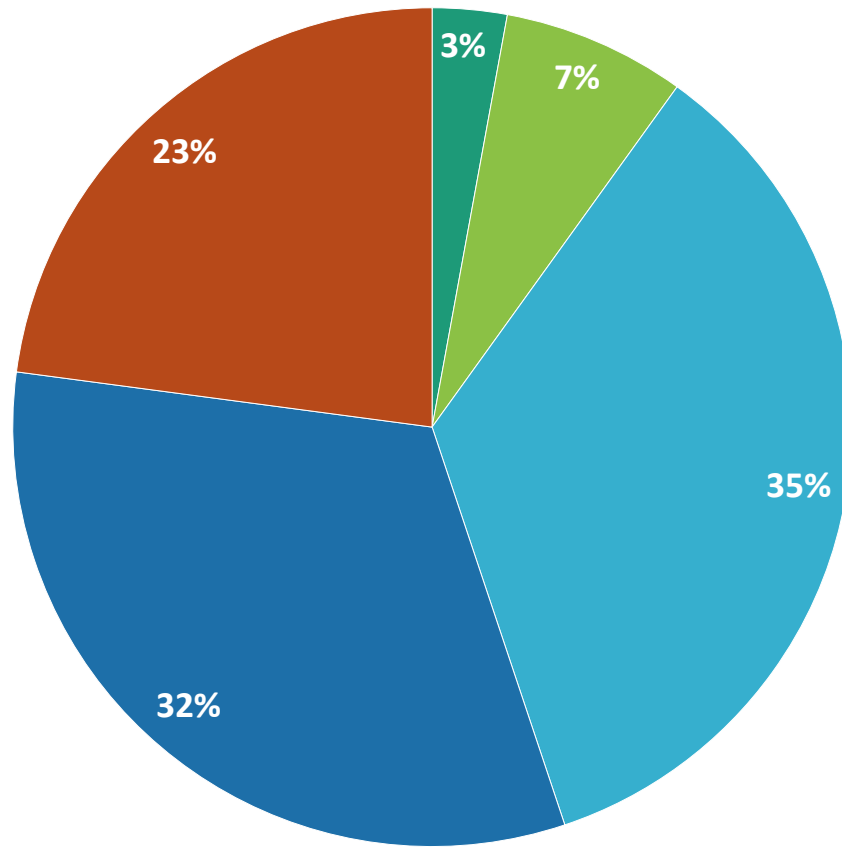
- Aircraft Mechanics and Service Technicians – “Confidential”
- Registered Nurses – 440
- Nursing Assistants – 280

Occupations requiring short-term on-the-job training show the lowest percentage growth over the period.



Over half of occupations requiring a high school diploma or equivalent will require short-term to moderate-term on-the-job training.

High School Diploma or Equivalent Occupations
by On-the-Job Assignment, 2014



■ Apprenticeship ■ Long-term ■ Moderate-term ■ Short-term ■ None

Typical On-the-Job Training Needed to Attain Competency in the Occupation is defined by the Bureau of Labor Statistics as “occupation-specific rather than job-specific; skills learned can be transferred to another job in the same occupation”.

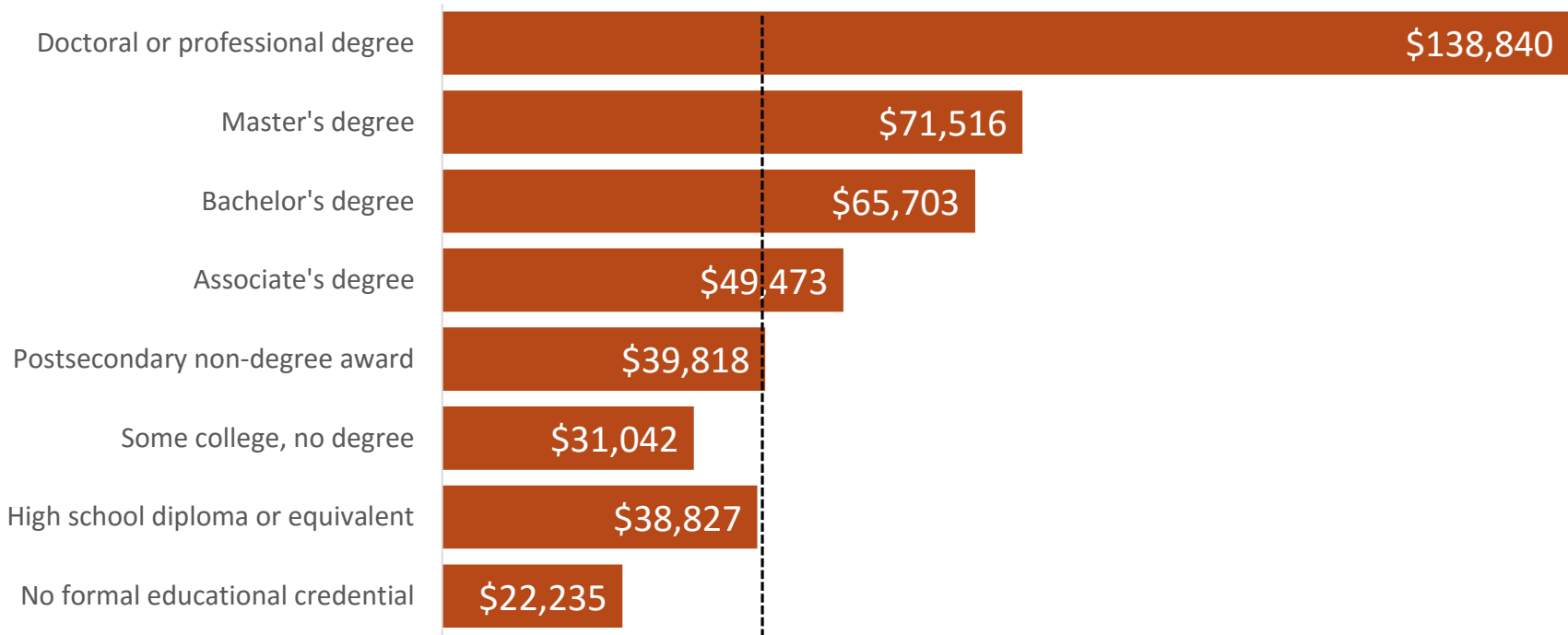
Out of 60,890 jobs requiring a high school diploma or equivalent, 67% required short-term to moderate-term on-the-job training.

Short-term on-the-job training can be acquired during one month or less of on-the-job experience and formal training; moderate term on-the-job training can be acquired after over a month to 12 months of combined on-the-job experience and informal training.

Jobs categorized into occupations requiring some form of postsecondary education for entry typically have higher wages.

2016 Average Annual Wages by Education

----- Average, all occupations \$38,878



- Occupations typically requiring an associate's degree and above pay wages higher than the average for the total, all occupations, of \$38,878.
- Doctoral or professional degree jobs reported having the highest average wages in 2016, followed by master's degree and bachelor's degree jobs, respectively.
- No formal educational credential occupations reported the lowest, falling \$16,643 below the total average.

Average annual wages are highest for jobs in occupations requiring 5 years or more of work experience in a related occupation.

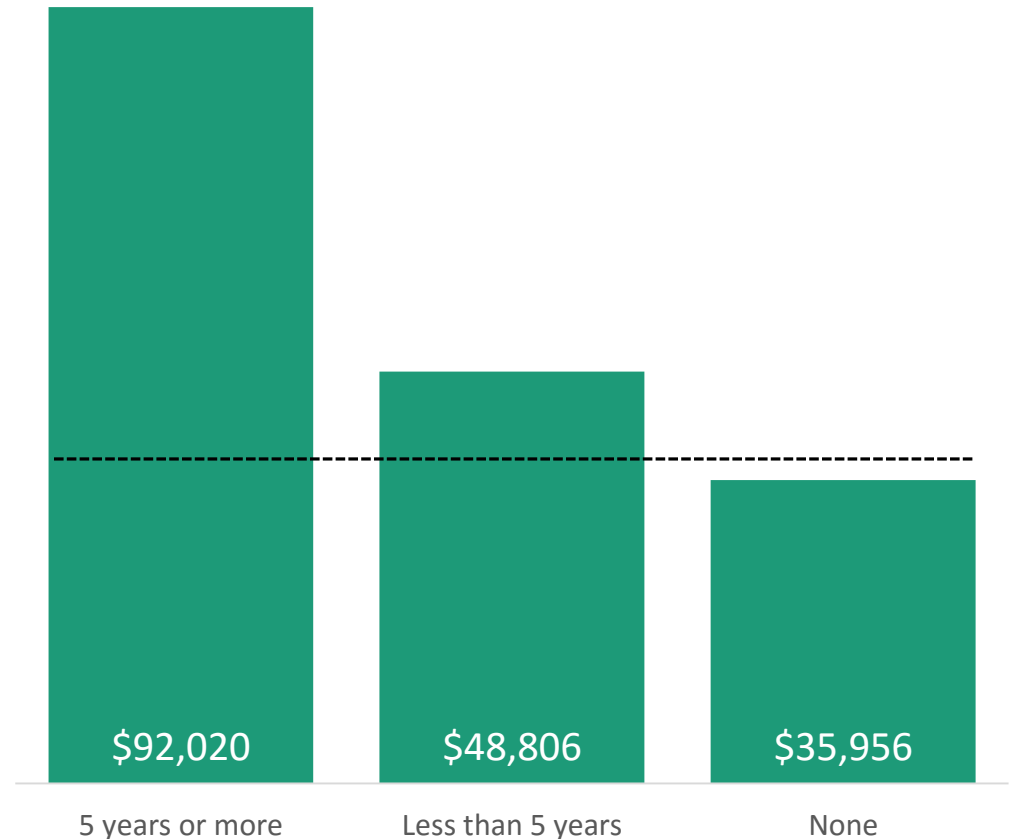
Work Experience in a Related Occupation is defined by the BLS as “this metric captures work experience that is commonly considered necessary by employers, or is a commonly accepted substitute for other, more formal types of training and education”.

Occupations requiring 5 years or more of work experience have the highest annual average wage – which is, along with occupations requiring less than 5 years, also well above the average annual wage of all occupations (\$38,878).

Occupations requiring no work experience have an annual average of \$35,956, which falls short of the average annual of total occupations by approximately \$2,922.

2016 Average Annual Wages by Work Experience Categories

----- Average, all occupations \$38,878





For more information:

Tonya Lee, Assistant LMI Director
Alabama Department of Labor
Labor Market Information Division
Phone: (334) 242-8881
Fax: (334) 242-2543

Resources & Links

Labor Market Information: www.labor.alabama.gov/lmi

Occupational Projections: www2.labor.alabama.gov/projections

Methodology: www2.labor.alabama.gov/projections/projections_methodology.pdf

BLS Education and Training Terms & Definitions: https://www.bls.gov/emp/ep_nem_definitions.htm#education