

# Concrete Laborers & Masons



## What They Do

Concrete laborers and masons smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; and use saws to cut expansion joints.

## Job Duties

- Set the forms that hold concrete to the desired pitch and depth, and align them.
- Spread, level, and smooth concrete, using rake, shovel, hand or power trowel, hand or power screed, and float.
- Monitor how the wind, heat, or cold affect the curing of the concrete throughout the entire process.
- Direct the casting of the concrete and supervise laborers who use shovels or special tools to spread it.
- Mold expansion joints and edges, using edging tools, jointers, and straightedge.
- Signal truck driver to position truck to facilitate pouring concrete, and move chute to direct concrete on forms.

## Job Earnings

According to Career Zone, the salary in New York State is:

\$45,220 for entry level workers

\$89,520 for experienced workers

## Education/Training

These occupations usually require a high school diploma. Training can be anywhere from a few months to one year of working with experienced employees, on-the-job training is typically provided. A recognized apprenticeship program, such as Cement Masons Local Union #111, may be associated with these occupations.

## Job Outlook

In New York State employment prospects for this occupation are described as favorable. In 2016, there were 7,830 Cement Masons and Concrete Finishers employed in New York State. We estimate that in 2026 there will be 8,960 employed in New York State. Its is anticipated that there will be 1,000 job opening(s) each year.

# Career Title - Career Pathway

Ways to start preparing for you future career TODAY!

1

## Middle/High School Classes to Take:

- Algebra
- Geometry
- Blueprint Reading
- Construction
- Carpentry
- Drafting

2

## Clubs/Extracurricular Activities:

- SkillsUSA
- Camp Hard Hat

3

## Local BOCES/Career & Technical Education Programs:

- Orleans-Niagara BOCES;
  - Building Maintenance and Management (Niagara Campus Only)
  - Building Trades (Orleans)
- Monroe 2-Orleans BOCES;
  - Introduction to Construction Trades (Spencerport)
  - Building Trades (Spencerport)
  - Construction Career Cluster Training Program (Spencerport)
- Genesee Valley BOCES;
  - Building Trades (Batavia & Mt. Morris)
  - GV BOCES Building Trades

4

## Volunteer Opportunities:

- Habitat for Humanity of Genesee County
- Community Action of Orleans & Genesee
- United Way of Genesee County
- Livingston County Habitat for Humanity
- United Way of Livingston County
- United Way of Orleans County
- Orleans County Cornell Cooperative Extension
- Habitat for Humanity of Wyoming County

5

## Local Colleges/Training:

- Iroquois Job Corps
- Orleans Niagara BOCES Adult Education, Building Trades Training Program
- Genesee Valley BOCES Building Trades Training Program
- SUNY Erie Building Trades Certificate Program
- Monroe Community College Construction Technology
- BAC Local #3
- Alfred State College
  - Masonry
  - Construction Management
  - Construction Supervision