

Glaziers

SOC: 47-2121 • Career Profile Report

■ Key Facts

\$55,440 Median Salary	60,500 Employment	+3.0% Growth Rate
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■ Requirements & Salary Range

Education: High school diploma

■ Automation Risk Assessment

Medium Risk - 35.0% probability of being automated in the next 10-20 years.
This job has some routine elements but still requires human judgment and interaction.

■ Work-Life Balance

7.0/10 - Good work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	9.4/10	Investigative	5.8/10
Artistic	4.0/10	Social	5.0/10
Enterprising	5.0/10	Conventional	6.0/10

■ Top Skills Required

Ability to work at heights, Communication skills, Detail oriented, Physical stamina, Physical strength, Reading comprehension skills

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Glaziers typically perform the following tasks:

- Read and interpret blueprints or specifications to determine size, shape, color, type, or thickness of glass, location of framing, installation procedures, or staging or scaffolding materials required.
- Determine plumb of walls or ceilings, using plumb lines and levels.
- Install pre-assembled metal or wood frameworks for windows or doors to be fitted with glass panels, using hand tools.
- Fabricate or install metal sashes or moldings for glass installation, using aluminum or steel framing.
- Operate cranes or hoists with suction cups to lift large, heavy pieces of glass.
- Set glass doors into frames and bolt metal hinges, handles, locks, or other hardware to attach doors to frames and walls.
- Cut, fit, install, repair, or replace glass or glass substitutes, such as plastic or aluminum, in building interiors or exteriors or in furniture or other products.
- Drive trucks to installation sites and unload mirrors, glass equipment, or tools.
- Load and arrange glass or mirrors onto delivery trucks, using suction cups or cranes to lift glass.
- Measure mirrors and dimensions of areas to be covered to determine work procedures.
- Cut and attach mounting strips, metal or wood moldings, rubber gaskets, or metal clips to surfaces in preparation for mirror installation.
- Pack spaces between moldings and glass with glazing compounds and trim excess material with glazing knives.
- Assemble, erect, or dismantle scaffolds, rigging, or hoisting equipment.
- Cut and remove broken glass prior to installing replacement glass.
- Secure mirrors in position, using mastic cement, putty, bolts, or screws.
- Measure and mark outlines or patterns on glass to indicate cutting lines.
- Grind or polish glass, smoothing edges when necessary.
- Fasten glass panes into wood sashes or frames with clips, points, or moldings, adding weather seals or putty around pane edges to seal joints.
- Score glass with cutters' wheels, breaking off excess glass by hand or with notched tools.
- Cut, assemble, fit, or attach metal-framed glass enclosures for showers, bathtubs, display cases, skylights, solariums, or other structures.