

**National Annual Salary Range** \$24,490-\$83,570  
**Entry-Level Education** Postsecondary non-degree award  
**Number of Jobs in 2016** 327,300  
**Expected Job Openings (2016-2026)** 24,300  
**National Outlook (2016-2026)** 7.2% increase

### Quick Facts

- Put out or control fires to protect life and property.
  - Conduct rescue efforts from burning buildings and accident sites.
  - Administer first aid and CPR to injured people.
  - Search burning buildings to locate fire victims.
  - Drive and operate fire fighting vehicles and equipment.
  - Dress with fire-resistant clothing.
  - Determine what caused a fire.
  - Position and climb ladders to gain access to burning buildings.
  - Assess fire, report to supervisor and follow instructions to put fires out.
- Control and extinguish municipal fires, protect life and property and conduct rescue efforts.

## Municipal Firefighters





# Farmers, Ranchers and Other Agricultural Managers

Plan, direct or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, nurseries, timber tracts or other agricultural establishments. May hire, train or supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, financial or marketing activities.

- Operate farms and ranches.
- Perform crop production duties such as tilling, planting, fertilizing and harvesting.
- Plan crop activities according to what product is being planted and weather conditions.
- Monitor crops as they grow and keep them free from disease and contaminants.
- Monitor facility constructions such as fencing, water supplies, outdoor housing and wind shelters.
- Determine types and quantities of crops or livestock to be raised.
- Select and purchase supplies and equipment.
- Promote and market farm products.

## Quick Facts

**National Annual Salary Range** \$35,360-\$135,900

**Entry-Level Education** High school diploma or equivalent

**Number of Jobs in 2016** 1,028,700

**Expected Job Openings (2016-2026)** 74,300

**National Outlook (2016-2026)** -0.8% increase





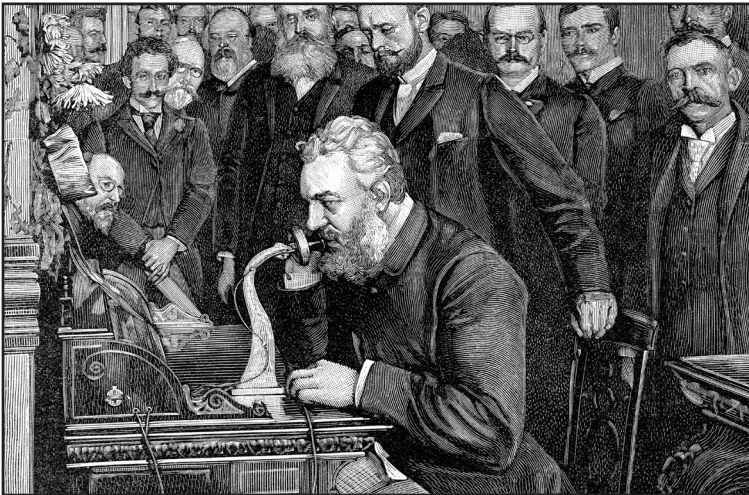
National Annual Salary Range \$27,990-\$78,840  
Entry-Level Education Associate degree  
Number of Jobs in 2016 76,100  
Expected Job Openings (2016-2026) 9,900  
National Outlook (2016-2026) 9.7% increase

### Quick Facts

- Study the structure of chemical properties.
- Research natural and man-made materials to determine ways to strengthen them.
- Develop new materials for use in products or other purposes.
- Develop testing methods to evaluate the effects of conditions on materials.
- Study the nature, structure and physical properties of metals.
- Test material samples for tolerance under tension and compression.

**Life, Physical and Social Sciences**  
 Research and study the structures and chemical properties of various natural and synthetic or composite materials, including metals alloys, rubber, ceramics, semiconductors, polymers and glass. Determine ways to strengthen or combine materials or develop new materials with new or specific properties for use in a variety of products and applications. Includes glass scientists, ceramic scientists, metallurgical scientists and polymer scientists.

## Inventors and Scientists





National Outlook (2016-2026) 11.6% increase

Expected Job Openings (2016-2026) 7,400

Number of Jobs in 2016 63,800

Entry-Level Education Some college, no degree

National Annual Salary Range Data Not Available

### Quick Facts

- Play parts in stage productions, television shows, music videos and motion pictures.
  - Tell stories through music, visual or dramatic art.
  - Express creativity by dancing.
  - Apply makeup and wear costumes.
  - Work with props and stage settings.
- Play parts in stage, television, radio, video, motion picture productions or other settings for entertainment, information or instruction. Interpret serious or comic roles by speech, gesture and body movement to entertain or inform audience. May dance and sing.

## Actors





**National Annual Salary Range** \$37,340-\$92,770  
**Entry-Level Education Bachelor's degree**  
**Number of Jobs in 2016** 1,410,900  
**Expected Job Openings (2016-2026)** 112,800  
**National Outlook (2016-2026)** 7.4% increase

### Quick Facts

- Teach pupils in public or private schools at the elementary level.
- Establish and enforce rules for behavior and procedures.
- Observe and evaluate student performance, behavior, social development and physical health.
- Prepare materials and classroom activities.
- Encourage students to observe and investigate.
- Establish clear goals for learning and make sure students understand them.
- Prepare, administer and grade tests and assignments.

Teach students basic academic, social and other formative skills in public or private schools at the elementary level.

## Teachers





National Outlook (2016-2026) 36.1% increase

Expected Job Openings (2016-2026) 14,400

Number of Jobs in 2016 155,500

Entry-Level Education Master's degree

National Annual Salary Range \$74,840-\$145,630

### Quick Fact

- Provide nursing care for people.
  - Prescribe medicine when it is needed.
  - Order medical tests.
  - Use test data to make treatment plans.
  - Teach people better health habits.
  - Keep records of progress.
- Diagnose and treat acute, episodic or chronic illness independently or as part of a health care team. May focus on health promotion and disease prevention. May order, perform or interpret diagnostic tests such as lab work and X-rays. May prescribe medication. Must be registered nurses who have specialized graduate education.

## Nurse Practitioners





National Outlook (2016-2026) 5.5% increase

Expected Job Openings (2016-2026) 61,800

Number of Jobs in 2016 458,200

Entry-Level Education No formal educational credential

National Annual Salary Range \$18,550-\$46,890

### Quick Facts

- Receive orders for repairs, rentals and services.
- Prepare merchandise for display, purchase or rental.
- Recommend and provide advice on products and services.
- Answer telephone to provide information and receive orders.
- Keep records of all transactions.
- Prepare and obtain rental forms, customer signatures and required documents such as licenses.
- Inspect and adjust rental items to meet customer needs.

Receive orders, generally in person, for repairs, rentals and services. May describe available options, compute costs and accept payment.

## Store and Shop Owners Rental Clerks







## Education Administrators, Elementary and Secondary School

Plan, direct, or coordinate the academic, administrative or auxiliary activities of public or private elementary or secondary schools.

- Administer the academic, clerical or other activities of public or private elementary or secondary schools.
- Confer with parents and staff to discuss education activities.
- Observe students for behavior or learning problems.
- Maintain attendance and activity records.
- Determine how funds, supplies, materials and equipment will be distributed or used.
- Hire and train staff.
- Direct the activities of teachers.
- Plan and direct instructional methods for educational, vocational and student activity programs.

### Quick Facts

**National Annual Salary Range** \$60,760-\$140,780

**Entry-Level Education** Master's degree

**Number of Jobs in 2016** 251,300

**Expected Job Openings (2016-2026)** 21,200

**National Outlook (2016-2026)** 7.9% increase



National Outlook (2016-2026) 6.9% increase  
Expected Job Openings (2016-2026) 189,100  
Number of Jobs in 2016 1,216,600  
Entry-Level Education High school diploma or equivalent  
National Annual Salary Range \$17,490-\$32,780

### Quick Facts

- Help children with social and emotional development.
  - Discipline children and take measures to control behavior.
  - Identify signs of emotional or developmental problems.
  - Observe and monitor play activities.
  - Read to children and teach them painting, drawing and songs.
  - Play with children.
  - Keep records of daily observations.
  - Teach children health and good personal habits.
- Attend to children at schools, businesses, private households and child care institutions. Perform a variety of tasks, such as dressing, feeding, bathing and overseeing play.

## Child Care Workers





National Outlook (2016-2026) 9.8% increase

Expected Job Openings (2016-2026) 400

Number of Jobs in 2016 4,100

Entry-Level Education Postsecondary non-degree award

National Annual Salary Range \$30,130-\$96,850

### Quick Facts

- Inspect, repair, remove or install equipment and structures under water.
- Check and maintain diving equipment such as helmets, masks and air tanks.
- Go underwater with help from diver aids.
- Repair ships, bridge foundations, underwater pipelines and other structures.
- Recover sunken objects.
- Install pilings or footings for piers and bridges.

Work below surface of water, using scuba gear to inspect, repair, remove or install equipment and structures. May use a variety of power and hand tools, such as drills, sledgehammers, torches and welding equipment. May conduct tests or experiments, rig explosives or photograph structures or marine life.

## Divers

