

Jewelers and Precious Stone and Metal Workers

SOC: 51-9071 • Career Profile Report

■ Key Facts

<div>\$49,140</div> <div>Median Salary</div>	<div>35,100</div> <div>Employment</div>	<div>-5.0%</div> <div>Growth Rate</div>
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■ Requirements & Salary Range

Education: High school diploma

■ Automation Risk Assessment

Medium Risk - 38.0% 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

6.2/10 - Good work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	8.4/10	Investigative	5.0/10
Artistic	3.8/10	Social	4.6/10
Enterprising	4.0/10	Conventional	8.0/10

■ Top Skills Required

Creativity, Detail oriented, Dexterity, Interpersonal skills, Multi-tasking skills, Near vision, Visualization skills

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Jewelers and Precious Stone and Metal Workers design, fabricate, and repair **jewelry and decorative items using precious metals and gemstones**. They assess materials, craft intricate pieces, and ensure quality and aesthetics. Their work is critical in jewelry retail, manufacturing, and luxury goods industries.

This career is well suited for individuals who enjoy craftsmanship, attention to detail, and working with fine materials.

What Do Jewelers and Precious Stone and Metal Workers Do?

These professionals create, modify, and repair jewelry or decorative metal objects according to client specifications or design plans.

Common responsibilities include:

- Designing jewelry or decorative items using sketches or CAD software
- Cutting, shaping, and polishing metals and gemstones
- Assembling and soldering components to create finished pieces
- Repairing or restoring broken or damaged jewelry
- Evaluating materials for quality, authenticity, and value
- Advising clients on care, maintenance, and selection of jewelry
- Maintaining records of work, designs, and inventory

Key Areas of Jewelry and Metal Work

Professionals may specialize in specific materials, techniques, or types of jewelry:

- Jewelry Design and Fabrication: Creating original pieces using metals and gemstones
- Stone Setting and Gemology: Selecting and mounting gemstones securely
- Repair and Restoration: Fixing or refurbishing damaged jewelry
- Metalworking Techniques: Casting, soldering, engraving, and polishing
- Client Consultation and Sales: Assisting customers in selecting or customizing pieces

Skills and Abilities Needed

These professionals combine artistic, technical, and precision skills.

Core Professional Skills

Personal Qualities That Matter

Education and Career Pathway

This role typically requires formal training and hands-on experience:

- High School Diploma or GED (minimum): Basic math, art, and technical skills
- Vocational or Postsecondary Training: Jewelry design, metalwork, or gemology programs
- Apprenticeship or On-the-Job Training: Gaining hands-on experience in fabrication, repair, and design
- Certification (optional): Professional credentials in gemology or metalwork
- Continuing Education: Staying current with new techniques, materials, and industry trends

Where Do Jewelers and Precious Stone and Metal Workers Work?

They are employed in organizations that create, repair, and sell jewelry and decorative items:

- Jewelry Stores and Retail Outlets
- Manufacturing and Workshop Facilities
- Custom Design Studios

- Auctions, Appraisal, and Gemstone Businesses
- Repair and Restoration Services

Work environments include workshops, studios, retail stores, and laboratories.

Is This Career Difficult?

This career requires precision, creativity, and technical skill. Jewelers must handle delicate materials, maintain quality standards, and meet client expectations.

Who Should Consider This Career?

This career may be a strong fit if you:

- Enjoy detailed craftsmanship and working with fine materials
- Have artistic and creative skills
- Are patient, precise, and focused
- Can communicate effectively with clients
- Want a career in jewelry design, fabrication, or repair

How to Prepare Early

- Take courses in art, design, and metalworking
- Develop skills in hand-eye coordination and fine motor tasks
- Gain experience through internships, apprenticeships, or workshops
- Explore accredited programs in jewelry design or gemology
- Learn about materials, gemstones, and fabrication techniques

Jewelers and precious stone and metal workers craft, repair, and enhance jewelry and decorative items, combining artistry, precision, and technical expertise to create functional and beautiful pieces.