

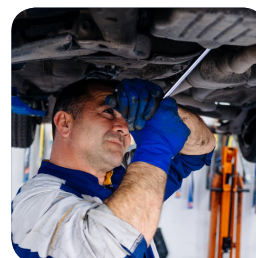
middle-skill installation, maintenance, & repair occupations

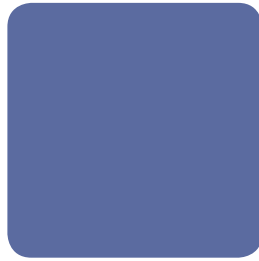
The *Installation, Maintenance, and Repair* occupation group has 96% of its employment in middle-skill occupations. The top three occupations with the most projected total openings in this group are *General Maintenance and Repair Workers*; *Automotive Service Technicians and Mechanics*; and *Industrial Machinery Mechanics*. These three occupations combined are projected to have over 17,300 total openings between 2014 and 2024.

TOP MIDDLE-SKILL INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS BY TOTAL OPENINGS

Occupation	Employment		Openings		Average Wage
	2014	2024	Growth	Total	
Maintenance and Repair Workers, General	29,963	31,554	1,591	9,443	\$35,440
Automotive Service Technicians and Mechanics	18,608	19,195	587	5,569	\$38,848
Industrial Machinery Mechanics	5,269	6,212	943	2,310	\$50,916
Supervisors of Mechanics, Installers, and Repairers	8,823	9,189	366	2,126	\$58,013
Electrical Power-Line Installers and Repairers	3,664	3,946	282	1,741	\$70,429
Bus and Truck Mechanics and Diesel Engine Specialists	5,147	5,714	567	1,451	\$43,068
Heating, AC, and Refrigeration Mechanics and Installers	4,872	5,511	639	1,383	\$48,490
Automotive Body and Related Repairers	4,033	4,466	433	1,359	\$43,339
Maintenance Workers, Machinery	2,348	2,622	274	650	\$45,038
Mobile Heavy Equipment Mechanics, Except Engines	2,371	2,455	84	645	\$49,752

Installation, Maintenance and Repair occupations are found in many industries, with *Retail Trade* having the highest employment at 14 percent. The relatively even distribution of employment across industries of this occupational group shows that *Installation, Maintenance and Repair* occupations are in demand in a wide range of organizations.





Many of the technology skills that are important for *Installation, Maintenance, and Repair Occupations* are considered “hot technology” according to the Employment and Training Administration’s O*NET, meaning the technology skills are frequently included in employer job postings. For example, computer aided design (CAD) or computer aided manufacturing (CAM) software is important for the top 7 middle-skill *Installation, Maintenance, and Repair* occupations with the most total openings.

TOP SKILLS	
Baseline	Specialized
Troubleshooting	Repair
Preventive Maintenance	Inspection
Communication Skills	HVAC
Physical Demand	Plumbing
Computer Skills	Customer Service

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TOP CERTIFICATIONS

- Commercial Driver's License

- Automotive Service Excellence Certification

- Refrigeration Technician Certification

- Environmental Protection Agency Certification

- HVAC Technician Certification

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Certifications can be useful when pursuing an *Installation, Maintenance and Repair* occupation. Some certifications, such as an HVAC technician are more specialized to a narrow set of jobs, while other certifications such as a commercial driver’s license could be applicable to a wide range of jobs.