

49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers

FA

Supervise and coordinate the activities of mechanics, installers, and repairers. *Examples: Marine Service Manager; Ground Crew Chief; Engine Repair Supervisor*

Training Category: Related experience

2007 Average Wage:	\$28.00
2006 Estimated Employment:	2,452
2016 Projected Employment:	2,618
Growth Rate, 2006-2016:	6.8%
Annual Openings:	75

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	15.3%	14.2%
811 Repair and Maintenance	12.6%	13.8%
221 Utilities	12.5%	11.2%
423 Merchant Wholesalers, Durable Goods	4.6%	4.8%
517 Telecommunications	4.5%	4.2%
238 Specialty Trade Contractors	3.8%	4.1%

49-2011 Computer, Automated Teller, and Office Machine Repairers

FA

Repair, maintain, or install computers, word processing systems, automated teller machines, and electronic office machines, such as duplicating and fax machines. *Examples: ATM Specialist; Computer Installer*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$18.19
2006 Estimated Employment:	1,185
2016 Projected Employment:	1,222
Growth Rate, 2006-2016:	3.1%
Annual Openings:	18

Industry	2006 Share	2016 Share
423 Merchant Wholesalers, Durable Goods	23.0%	25.9%
Self-Employed Workers	19.8%	19.5%
453 Miscellaneous Store Retailers	18.8%	18.7%
443 Electronics and Appliance Stores	14.8%	13.3%
333 Machinery Manufacturing	n	n
811 Repair and Maintenance	n	n

49-2021 Radio Mechanics

LF

Test or repair mobile or stationary radio transmitting and receiving equipment and two-way radio communications systems used in ship-to-shore communications and found in service and emergency vehicles. *Examples: Radio Electrician; Radio Rigger*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$19.29
2006 Estimated Employment:	n
2016 Projected Employment:	n
Growth Rate, 2006-2016:	n
Annual Openings:	n

Industry	2006 Share	2016 Share
Self-Employed Workers	3.9%	3.7%
State Government, ex. Education and Hospitals	1.5%	1.5%
Local Government, ex. Education	1.5%	1.5%
423 Merchant Wholesalers, Durable Goods	n	n
425 Electronic Markets and Agents/Brokers	n	n
811 Repair and Maintenance	n	n

49-2022 Telecommunications Equipment Installers and Repairers, Except Line Installers

FA

Set-up, rearrange, or remove switching and dialing equipment used in central offices. Service or repair telephones and other communication equipment on customers' property. May install equipment in new locations or install wiring and telephone jacks in buildings under construction. *Examples: Central Office Equipment Installer; Electronics Installer; Exchange Mechanic*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$23.78
2006 Estimated Employment:	653
2016 Projected Employment:	690
Growth Rate, 2006-2016:	5.7%
Annual Openings:	20

Industry	2006 Share	2016 Share
Self-Employed Workers	4.1%	4.2%
423 Merchant Wholesalers, Durable Goods	n	n
517 Telecommunications	n	n
5415 Computer Systems Design & Related Svcs	n	n
622 Hospitals	n	n
811 Repair and Maintenance	n	n

49-2091 Avionics Technicians

FA

Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles. *Examples: Aircraft Electrician; Automatic Pilot Mechanic*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$22.09
2006 Estimated Employment:	n
2016 Projected Employment:	n
Growth Rate, 2006-2016:	n
Annual Openings:	n

Industry	2006 Share	2016 Share
488 Support Activities for Transportation	n	n
5416 Management & Technical Consulting Svcs	n	n

49-2092 Electric Motor, Power Tool, and Related Repairers

LF

Repair, maintain, or install electric motors, wiring, or switches. *Examples: Armature Winder; Generator Mechanic; Electric Golf Cart Repairer*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$21.11
2006 Estimated Employment:	118
2016 Projected Employment:	112
Growth Rate, 2006-2016:	-5.1%
Annual Openings:	4

Industry	2006 Share	2016 Share
Self-Employed Workers	12.7%	12.5%
322 Paper Manufacturing	n	n
334 Computer and Electronic Product Mfg	n	n
423 Merchant Wholesalers, Durable Goods	n	n
425 Electronic Markets and Agents/Brokers	n	n
811 Repair and Maintenance	n	n

49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment

FA

Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas. *Examples: Missile Pad Mechanic; Amplifier Mechanic*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$24.23
2006 Estimated Employment:	344
2016 Projected Employment:	393
Growth Rate, 2006-2016:	14.2%
Annual Openings:	17

Industry	2006 Share	2016 Share
Federal Government, ex. Postal Service	3.2%	2.8%
238 Specialty Trade Contractors	n	n
333 Machinery Manufacturing	n	n
334 Computer and Electronic Product Mfg	n	n
423 Merchant Wholesalers, Durable Goods	n	n
811 Repair and Maintenance	n	n

49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay

LF

Inspect, test, repair, or maintain electrical equipment in generating stations, substations, and in-service relays. *Examples: Powerhouse Electrician; Relay Technician; Power Transformer Repairer*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$28.79
2006 Estimated Employment:	80
2016 Projected Employment:	77
Growth Rate, 2006-2016:	-3.8%
Annual Openings:	3

Industry	2006 Share	2016 Share
221 Utilities	100.0%	100.0%

49-2096 Electronic Equipment Installers and Repairers, Motor Vehicles

FA

Install, diagnose, or repair communications, sound, security, or navigation equipment in motor vehicles. *Examples: Auto Phone Installer; Automotive Electrician*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$14.46
2006 Estimated Employment:	45
2016 Projected Employment:	53
Growth Rate, 2006-2016:	17.8%
Annual Openings:	2

Industry		2006 Share	2016 Share
	Self-Employed Workers	4.4%	3.8%
441	Motor Vehicle and Parts Dealers	n	n
443	Electronics and Appliance Stores	n	n

49-2097 Electronic Home Entertainment Equipment Installers and Repairers

LS

Repair, adjust, or install audio or television receivers, stereo systems, camcorders, video systems, or other electronic home entertainment equipment. *Examples: Electric Organ Technician; Television Mechanic; Satellite Dish Installer*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$16.81
2006 Estimated Employment:	240
2016 Projected Employment:	263
Growth Rate, 2006-2016:	9.6%
Annual Openings:	4

Industry		2006 Share	2016 Share
	Self-Employed Workers	12.5%	12.2%
237	Heavy and Civil Engineering Construction	n	n
238	Specialty Trade Contractors	n	n
443	Electronics and Appliance Stores	n	n
811	Repair and Maintenance	n	n

49-2098 Security and Fire Alarm Systems Installers

VF

Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes. *Examples: Fire Alarm Installer; Burglar Alarm Mechanic*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$17.24
2006 Estimated Employment:	246
2016 Projected Employment:	304
Growth Rate, 2006-2016:	23.6%
Annual Openings:	9

Industry		2006 Share	2016 Share
423	Merchant Wholesalers, Durable Goods	28.1%	26.3%
	Self-Employed Workers	7.3%	6.3%
	Local Government, ex. Education	1.2%	1.3%
238	Specialty Trade Contractors	n	n
5616	Investigation and Security Services	n	n
811	Repair and Maintenance	n	n

49-3011 Aircraft Mechanics and Service Technicians

FA

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems. Include helicopter and aircraft engine specialists.

Training Category: Postsecondary voc. training

2007 Average Wage:	\$22.68
2006 Estimated Employment:	233
2016 Projected Employment:	270
Growth Rate, 2006-2016:	15.9%
Annual Openings:	6

Industry		2006 Share	2016 Share
488	Support Activities for Transportation	57.1%	64.1%
	Federal Government, ex. Postal Service	13.7%	10.0%
424	Merchant Wholesalers, Nondurable Goods	n	n
481	Air Transportation	n	n
492	Couriers and Messengers	n	n
6115	Technical and Trade Schools	n	n

49-3021 Automotive Body and Related Repairers

FA

Repair and refinish automotive vehicle bodies and straighten vehicle frames. *Examples: Auto Body Customizer; Collision Mechanic; Frame Straightener*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$17.69
2006 Estimated Employment:	851
2016 Projected Employment:	909
Growth Rate, 2006-2016:	6.8%
Annual Openings:	26

Industry	2006 Share	2016 Share
811 Repair and Maintenance	48.1%	53.3%
Self-Employed Workers	14.1%	13.3%
423 Merchant Wholesalers, Durable Goods	n	n
441 Motor Vehicle and Parts Dealers	n	n

49-3022 Automotive Glass Installers and Repairers

VF

Replace or repair broken windshields and window glass in motor vehicles. *Examples: Auto Glass Mechanic; Windshield Installer; Auto Glass Fitter*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$17.02
2006 Estimated Employment:	382
2016 Projected Employment:	458
Growth Rate, 2006-2016:	19.9%
Annual Openings:	22

Industry	2006 Share	2016 Share
811 Repair and Maintenance	76.4%	73.4%
Self-Employed Workers	20.7%	24.0%
238 Specialty Trade Contractors	n	n
441 Motor Vehicle and Parts Dealers	n	n

49-3023 Automotive Service Technicians and Mechanics

FA

Diagnose, adjust, repair, or overhaul automotive vehicles. *Examples: Auto Brake Mechanic; Fuel Injection Servicer; Auto Transmission Specialist*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$18.27
2006 Estimated Employment:	4,929
2016 Projected Employment:	5,424
Growth Rate, 2006-2016:	10.0%
Annual Openings:	149

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	40.8%	38.4%
811 Repair and Maintenance	33.2%	37.1%
Self-Employed Workers	16.8%	15.6%
447 Gasoline Stations	n	n

49-3031 Bus and Truck Mechanics and Diesel Engine Specialists

VF

Diagnose, adjust, repair, or overhaul trucks, buses, and all types of diesel engines. *Examples: Tractor Trailer Mechanic; Diesel Mechanic; Farm Equipment Engine Mechanic*

Training Category: Postsecondary voc. training

2007 Average Wage:	\$20.09
2006 Estimated Employment:	768
2016 Projected Employment:	892
Growth Rate, 2006-2016:	16.1%
Annual Openings:	29

Industry	2006 Share	2016 Share
423 Merchant Wholesalers, Durable Goods	19.1%	18.8%
485 Transit and Ground Passenger Transport	8.2%	8.2%
Local Government, ex. Education	7.9%	7.9%
484 Truck Transportation	6.8%	6.7%
Self-Employed Workers	5.9%	5.5%
811 Repair and Maintenance	n	n

49-3041 Farm Equipment Mechanics

LF

Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems. *Examples: Irrigation Equipment Mechanic; Dairy Equipment Installer*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$16.35
2006 Estimated Employment:	165
2016 Projected Employment:	175
Growth Rate, 2006-2016:	6.1%
Annual Openings:	4

Industry	2006 Share	2016 Share
Self-Employed Workers	5.5%	4.6%
212 Mining (except Oil and Gas)	n	n
423 Merchant Wholesalers, Durable Goods	n	n
444 Building Material & Garden Supply Stores	n	n

49-3042 Mobile Heavy Equipment Mechanics, Except Engines

VF

Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining. *Examples: Construction Equipment Mechanic; Fork Lift Mechanic; Bulldozer Mechanic*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$20.41
2006 Estimated Employment:	575
2016 Projected Employment:	676
Growth Rate, 2006-2016:	17.6%
Annual Openings:	21

Industry	2006 Share	2016 Share
532 Rental and Leasing Services	22.4%	23.5%
Local Government, ex. Education	14.6%	14.2%
238 Specialty Trade Contractors	10.1%	9.8%
237 Heavy and Civil Engineering Construction	8.5%	8.4%
State Government, ex. Education and Hospitals	6.3%	5.6%
423 Merchant Wholesalers, Durable Goods	n	n

49-3051 Motorboat Mechanics

VF

Repair and adjust electrical and mechanical equipment of gasoline or diesel powered inboard or inboard-outboard boat engines. *Example: Outboard Motor Mechanic*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$20.24
2006 Estimated Employment:	463
2016 Projected Employment:	554
Growth Rate, 2006-2016:	19.7%
Annual Openings:	18

Industry	2006 Share	2016 Share
713 Amusements, Gambling, and Recreation	44.1%	46.6%
441 Motor Vehicle and Parts Dealers	32.4%	32.5%
Self-Employed Workers	22.7%	20.0%

49-3052 Motorcycle Mechanics

LS

Diagnose, adjust, repair, or overhaul motorcycles, scooters, mopeds, dirt bikes, or similar motorized vehicles. *Examples: Motor Scooter Mechanic; Motorcycle Repairer*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$16.89
2006 Estimated Employment:	251
2016 Projected Employment:	252
Growth Rate, 2006-2016:	0.4%
Annual Openings:	5

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	63.8%	65.9%
Self-Employed Workers	21.9%	20.6%
336 Transportation Equipment Manufacturing	n	n
811 Repair and Maintenance	n	n

49-3053 Outdoor Power Equipment and Other Small Engine Mechanics

LS

Diagnose, adjust, repair, or overhaul small engines used to power lawn mowers, chain saws, and related equipment. *Examples: Chainsaw Mechanic; Lawn Mower Repairer; Snowmobile Mechanic*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$14.79
2006 Estimated Employment:	434
2016 Projected Employment:	452
Growth Rate, 2006-2016:	4.1%
Annual Openings:	11

Industry	2006 Share	2016 Share
444 Building Material & Garden Supply Stores	27.7%	24.6%
Self-Employed Workers	23.0%	23.0%
532 Rental and Leasing Services	11.3%	12.6%
423 Merchant Wholesalers, Durable Goods	n	n
441 Motor Vehicle and Parts Dealers	n	n
811 Repair and Maintenance	n	n

49-3091 Bicycle Repairers

FA

Repair and service bicycles. *Example: Bicycle Mechanic*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$11.70
2006 Estimated Employment:	116
2016 Projected Employment:	133
Growth Rate, 2006-2016:	14.7%
Annual Openings:	4

Industry	2006 Share	2016 Share
451 Sporting Goods/Hobby/Book/Music Stores	94.8%	94.7%
713 Amusements, Gambling, and Recreation	n	n
Self-Employed Workers	n	n

49-3092 Recreational Vehicle Service Technicians

LF

Diagnose, inspect, adjust, repair, or overhaul recreational vehicles including travel trailers. May specialize in maintaining gas, electrical, hydraulic, plumbing, or chassis/towing systems as well as repairing generators, appliances, and interior components. Include workers who perform customized van conversions. *Example: RV Mechanic*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$16.15
2006 Estimated Employment:	77
2016 Projected Employment:	83
Growth Rate, 2006-2016:	7.8%
Annual Openings:	3

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	96.1%	96.4%
Self-Employed Workers	3.9%	3.6%

49-3093 Tire Repairers and Changers

FA

Repair and replace tires. *Example: Tire Fixer*

Training Category: Short-term OJT (brief demo)

2007 Average Wage:	\$11.32
2006 Estimated Employment:	363
2016 Projected Employment:	409
Growth Rate, 2006-2016:	12.7%
Annual Openings:	12

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	65.6%	65.5%
452 General Merchandise Stores	16.0%	17.1%
811 Repair and Maintenance	7.7%	8.1%
Self-Employed Workers	3.3%	2.7%
447 Gasoline Stations	n	n

49-9012 Control and Valve Installers and Repairers, Except Mechanical Door

FA

Install, repair, and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors. *Examples: Gas Meter Prover; Thermostat Repairer*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$17.43
2006 Estimated Employment:	140
2016 Projected Employment:	156
Growth Rate, 2006-2016:	11.4%
Annual Openings:	5

Industry	2006 Share	2016 Share
221 Utilities	23.6%	21.2%
Local Government, ex. Education	12.9%	13.5%
237 Heavy and Civil Engineering Construction	n	n
238 Specialty Trade Contractors	n	n
5413 Architectural and Engineering Services	n	n
811 Repair and Maintenance	n	n

49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers

FA

Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves. *Examples: Furnace Converter; Gas Furnace Installer; Oil Burner Repairer*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$19.65
2006 Estimated Employment:	2,267
2016 Projected Employment:	2,313
Growth Rate, 2006-2016:	2.0%
Annual Openings:	45

Industry	2006 Share	2016 Share
238 Specialty Trade Contractors	49.7%	56.6%
454 Nonstore Retailers	24.9%	16.9%
Self-Employed Workers	12.7%	12.3%
423 Merchant Wholesalers, Durable Goods	n	n
442 Furniture and Home Furnishings Stores	n	n

49-9031 Home Appliance Repairers

LS

Repair, adjust, or install all types of electric or gas household appliances, such as refrigerators, washers, dryers, and ovens. *Examples: Window Air Conditioner Mechanic; Vacuum Cleaner Repairer; Washing Machine Installer*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$20.23
2006 Estimated Employment:	127
2016 Projected Employment:	139
Growth Rate, 2006-2016:	9.4%
Annual Openings:	4

Industry	2006 Share	2016 Share
Self-Employed Workers	26.8%	28.1%
423 Merchant Wholesalers, Durable Goods	n	n
443 Electronics and Appliance Stores	n	n
444 Building Material & Garden Supply Stores	n	n
452 General Merchandise Stores	n	n
811 Repair and Maintenance	n	n

49-9041 Industrial Machinery Mechanics

FA

Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems. *Examples: Conveyor Belt Installer; Turbine Mechanic; Hydroelectric Machinery Mechanic*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$20.94
2006 Estimated Employment:	1,185
2016 Projected Employment:	1,303
Growth Rate, 2006-2016:	10.0%
Annual Openings:	32

Industry	2006 Share	2016 Share
335 Electrical Equipment and Appliances	13.3%	15.4%
334 Computer and Electronic Product Mfg	12.4%	12.4%
322 Paper Manufacturing	10.0%	2.7%
333 Machinery Manufacturing	9.3%	10.1%
326 Plastics & Rubber Products Manufacturing	6.6%	6.9%
811 Repair and Maintenance	n	n

49-9042 Maintenance and Repair Workers, General

FA

Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing new equipment; and repairing buildings, floors, or stairs. *Examples: Building Maintenance Repairer; Trouble Shooting Mechanic; Mechanical Adjuster*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$16.69
2006 Estimated Employment:	5,082
2016 Projected Employment:	5,739
Growth Rate, 2006-2016:	12.9%
Annual Openings:	79

Industry	2006 Share	2016 Share
531 Real Estate	21.7%	21.7%
721 Accommodation	7.0%	7.0%
Local Government, ex. Education	6.2%	6.3%
713 Amusements, Gambling, and Recreation	5.0%	5.8%
623 Nursing and Residential Care Facilities	3.6%	4.3%
622 Hospitals	3.5%	3.6%

49-9043 Maintenance Workers, Machinery

LF

Lubricate machinery, change parts, or perform other routine machinery maintenance. *Examples: Grease Packer; Machine Oiler*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$20.70
2006 Estimated Employment:	160
2016 Projected Employment:	151
Growth Rate, 2006-2016:	-5.6%
Annual Openings:	3

Industry	2006 Share	2016 Share
113 Forestry and Logging	n	n
312 Beverage & Tobacco Product Manufacturing	n	n
313 Textile Mills	n	n
316 Leather and Allied Product Manufacturing	n	n
327 Nonmetallic Mineral Product Mfg	n	n
332 Fabricated Metal Product Manufacturing	n	n

49-9044 Millwrights

LF

Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings. *Examples: Machine Erector; Machine Rigger; Machinery Dismantler*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$27.16
2006 Estimated Employment:	147
2016 Projected Employment:	147
Growth Rate, 2006-2016:	0.0%
Annual Openings:	2

Industry	2006 Share	2016 Share
339 Miscellaneous Manufacturing	29.3%	26.5%
237 Heavy and Civil Engineering Construction	27.2%	34.7%
238 Specialty Trade Contractors	10.2%	12.2%
321 Wood Product Manufacturing	n	n
322 Paper Manufacturing	n	n
333 Machinery Manufacturing	n	n

49-9051 Electrical Power-Line Installers and Repairers

FA

Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers. *Examples: Pole Climber; High Tension Tester; Electric Utility Wire Stretcher*

Training Category: Long-term OJT (12 mos. or more)

2007 Average Wage:	\$25.50
2006 Estimated Employment:	321
2016 Projected Employment:	352
Growth Rate, 2006-2016:	9.7%
Annual Openings:	13

Industry	2006 Share	2016 Share
221 Utilities	76.0%	72.7%
Local Government, ex. Education	4.4%	4.8%
237 Heavy and Civil Engineering Construction	n	n

49-9052 Telecommunications Line Installers and Repairers

LS

String and repair telephone and television cable, including fiber optics and other equipment for transmitting messages or television programming. *Examples: Telecommunications Cable Splicer; Telecommunications Wire Stretcher; Cable Television Installer*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$24.39
2006 Estimated Employment:	1,732
2016 Projected Employment:	1,727
Growth Rate, 2006-2016:	-0.3%
Annual Openings:	45

Industry	2006 Share	2016 Share
517 Telecommunications	58.0%	59.0%
Self-Employed Workers	3.3%	3.4%
237 Heavy and Civil Engineering Construction	n	n
238 Specialty Trade Contractors	n	n
515 Broadcasting (except Internet)	n	n
811 Repair and Maintenance	n	n

49-9062 Medical Equipment Repairers

VF

Test, adjust, or repair biomedical or electromedical equipment. *Examples: Biomedical Equipment Technician; Hearing Aid Mechanic; Surgical Instrument Mechanic*

Training Category: Associate's degree

2007 Average Wage:	\$18.26
2006 Estimated Employment:	407
2016 Projected Employment:	506
Growth Rate, 2006-2016:	24.3%
Annual Openings:	21

Industry	2006 Share	2016 Share
532 Rental and Leasing Services	28.5%	28.7%
425 Electronic Markets and Agents/Brokers	17.7%	18.0%
Self-Employed Workers	14.0%	13.4%
622 Hospitals	9.6%	10.1%
454 Nonstore Retailers	n	n
551 Management of Companies and Enterprises	n	n

49-9063 Musical Instrument Repairers and Tuners

LF

Repair percussion, stringed, reed, or wind instruments. May specialize in one area, such as piano tuning. *Examples: Piano Tuner; Violin Repairer; Tone Regulator*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$16.03
2006 Estimated Employment:	108
2016 Projected Employment:	115
Growth Rate, 2006-2016:	6.5%
Annual Openings:	4

Industry	2006 Share	2016 Share
451 Sporting Goods/Hobby/Book/Music Stores	48.2%	49.6%
Self-Employed Workers	18.5%	19.1%
339 Miscellaneous Manufacturing	n	n
493 Warehousing and Storage	n	n
811 Repair and Maintenance	n	n

49-9064 Watch Repairers

LF

Repair, clean, and adjust mechanisms of timing instruments, such as watches and clocks. Include watchmakers. *Examples: Watch and Clock Crowner; Watchmaker*

Training Category: Long-term OJT (12 mos.or more)

2007 Average Wage:	\$13.32
2006 Estimated Employment:	n
2016 Projected Employment:	n
Growth Rate, 2006-2016:	n
Annual Openings:	n

Industry	2006 Share	2016 Share
448 Clothing and Clothing Accessories Stores	n	n
811 Repair and Maintenance	n	n
Self-Employed Workers	n	n

49-9069 Precision Instrument and Equipment Repairers, All Other

LS

All precision instrument and equipment repairers not listed separately. *Examples: Laboratory Equipment Installer; Gyro Mechanic; Meteorological Equipment Repairer*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$21.34
2006 Estimated Employment:	177
2016 Projected Employment:	188
Growth Rate, 2006-2016:	6.2%
Annual Openings:	6

Industry	2006 Share	2016 Share
Self-Employed Workers	18.6%	18.6%
221 Utilities	n	n
332 Fabricated Metal Product Manufacturing	n	n
334 Computer and Electronic Product Mfg	n	n
423 Merchant Wholesalers, Durable Goods	n	n
811 Repair and Maintenance	n	n

49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers

LF

Install, service, adjust, or repair coin, vending, or amusement machines including video games, juke boxes, pinball machines, or slot machines. *Examples: Cigarette Machine Mechanic; Slot Machine Mechanic; Video Game Mechanic*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$15.81
2006 Estimated Employment:	115
2016 Projected Employment:	113
Growth Rate, 2006-2016:	-1.7%
Annual Openings:	3

Industry	2006 Share	2016 Share
454 Nonstore Retailers	31.3%	23.0%
Self-Employed Workers	18.3%	17.7%
424 Merchant Wholesalers, Nondurable Goods	n	n
445 Food and Beverage Stores	n	n
532 Rental and Leasing Services	n	n
713 Amusements, Gambling, and Recreation	n	n

49-9094 Locksmiths and Safe Repairers

VF

Repair and open locks; make keys; change locks and safe combinations; and install and repair safes. *Examples: Key Maker; Vault Service Mechanic; Lock Expert*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$16.91
2006 Estimated Employment:	106
2016 Projected Employment:	135
Growth Rate, 2006-2016:	27.4%
Annual Openings:	5

Industry	2006 Share	2016 Share
5616 Investigation and Security Services	51.9%	57.8%
Self-Employed Workers	28.3%	24.4%
423 Merchant Wholesalers, Durable Goods	n	n
6111 Elementary and Secondary Schools	n	n
6113 Colleges and Universities	n	n

49-9095 Manufactured Building and Mobile Home Installers

FA

Move or install mobile homes or prefabricated buildings. *Examples: Mobile Home Mechanic; Housetrailer Servicer*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$13.58
2006 Estimated Employment:	n
2016 Projected Employment:	n
Growth Rate, 2006-2016:	n
Annual Openings:	n

Industry	2006 Share	2016 Share
Self-Employed Workers	19.1%	20.0%
453 Miscellaneous Store Retailers	n	n
484 Truck Transportation	n	n
532 Rental and Leasing Services	n	n

49-9098 Helpers—Installation, Maintenance, and Repair Workers**FA**

Help installation, maintenance, and repair workers in maintenance, parts replacement, and repair of vehicles, industrial machinery, and electrical and electronic equipment. Perform duties, such as furnishing tools, materials, and supplies to other workers; cleaning work area, machines, and tools; and holding materials or tools for other workers. *Examples: Mechanic's Helper; Diver's Helper; Blacksmith's Helper*

Training Category: Short-term OJT (brief demo)

2007 Average Wage:	\$11.20
2006 Estimated Employment:	769
2016 Projected Employment:	877
Growth Rate, 2006-2016:	14.0%
Annual Openings:	29

Industry	2006 Share	2016 Share
441 Motor Vehicle and Parts Dealers	26.3%	23.7%
713 Amusements, Gambling, and Recreation	19.4%	22.0%
238 Specialty Trade Contractors	12.4%	12.4%
423 Merchant Wholesalers, Durable Goods	3.6%	3.5%
332 Fabricated Metal Product Manufacturing	3.4%	3.3%
5619 Other Support Services	n	n

49-9099 Installation, Maintenance, and Repair Workers, All Other**FA**

All mechanical, installation, and repair workers and helpers not listed separately. *Examples: Blacksmith; Cooper; Gunsmith*

Training Category: Moderate-term OJT (1 to 12 months)

2007 Average Wage:	\$15.62
2006 Estimated Employment:	712
2016 Projected Employment:	793
Growth Rate, 2006-2016:	11.4%
Annual Openings:	13

Industry	2006 Share	2016 Share
Self-Employed Workers	21.6%	21.1%
451 Sporting Goods/Hobby/Book/Music Stores	10.7%	11.0%
423 Merchant Wholesalers, Durable Goods	8.6%	8.6%
238 Specialty Trade Contractors	6.5%	6.7%
221 Utilities	n	n
532 Rental and Leasing Services	n	n