

OKLAHOMA LONG-TERM INDUSTRY EMPLOYMENT PROJECTIONS, 2006 - 2016

Industry Title	Employment		Employment Change, 2006-2016	
	2006	2016	Numeric	Percent
Total Employment¹	1,687,270	1,861,500	174,240	10.33%
Goods-Producing	294,230	310,310	16,080	5.46%
Natural Resources and Mining	74,520	80,190	5,680	7.62%
Construction	70,410	81,540	11,130	15.81%
Manufacturing	149,300	148,570	-730	-0.49%
Services-Providing	1,277,440	1,428,030	150,600	11.79%
Trade, Transportation, and Utilities	284,030	299,970	15,940	5.61%
Information	29,810	31,880	2,070	6.93%
Financial Activities	83,700	91,180	7,470	8.93%
Professional and Business Services	175,930	209,940	34,010	19.33%
Education and Health Services	340,430	388,700	48,270	14.18%
Leisure and Hospitality	137,110	158,660	21,550	15.72%
Other Services (Except Government)	62,590	68,170	5,580	8.92%
Government	163,840	179,550	15,710	9.59%
Total Self-Employed and Unpaid Family Workers²	115,600	123,160	7,570	6.54%
Self-Employed Workers	113,700	121,580	7,880	6.93%
Unpaid Family Workers	1,900	1,590	-310	-16.39%
Agriculture³	32,660	33,860	1,200	3.67%
Mining	41,860	46,340	4,480	10.70%
Oil and Gas Extraction	16,200	16,060	-140	-0.85%
Mining (except Oil and Gas)	2,260	2,280	30	1.15%
Support Activities for Mining	23,400	27,990	4,590	19.60%

Industry Title	Employment		Employment Change, 2006-2016	
	2006	2016	Numeric	Percent
Construction	70,410	81,540	11,130	15.81%
Construction of Buildings	14,860	16,680	1,830	12.31%
Heavy and Civil Engineering Construction	11,730	12,450	710	6.08%
Specialty Trade Contractors	43,820	52,410	8,590	19.61%
Manufacturing	149,300	148,570	-730	-0.49%
Food Manufacturing	19,810	23,080	3,270	16.50%
Beverage and Tobacco Product Manufacturing	2,330	2,470	130	5.66%
Textile Mills	120	70	-50	-40.65%
Textile Product Mills	770	670	-100	-12.52%
Apparel Manufacturing	1,090	430	-660	-60.57%
Leather and Allied Product Manufacturing	260	270	10	4.18%
Wood Product Manufacturing	3,810	4,130	320	8.39%
Paper Manufacturing	2,870	2,250	-620	-21.62%
Printing and Related Support Activities	3,980	2,870	-1,110	-27.92%
Petroleum and Coal Products Manufacturing	2,150	1,870	-280	-13.09%
Chemical Manufacturing	3,010	3,150	140	4.61%
Plastics and Rubber Products Manufacturing	12,640	12,000	-640	-5.04%
Nonmetallic Mineral Product Manufacturing	8,610	8,610	-10	-0.07%
Primary Metal Manufacturing	4,560	4,260	-300	-6.63%
Fabricated Metal Product Manufacturing	23,150	22,880	-270	-1.17%
Machinery Manufacturing	26,800	26,920	120	0.46%
Computer and Electronic Product Manufacturing	5,810	5,430	-390	-6.67%
Electrical Equipment, Appliance, and Component Manufacturing	3,200	3,590	390	12.15%
Transportation Equipment Manufacturing	16,510	15,640	-870	-5.25%
Furniture and Related Product Manufacturing	2,880	2,920	50	1.60%
Miscellaneous Manufacturing	4,940	5,060	130	2.59%
Wholesale Trade	58,870	62,770	3,900	6.62%
Merchant Wholesalers, Durable Goods	27,280	30,580	3,300	12.10%
Merchant Wholesalers, Nondurable Goods	24,270	24,820	550	2.26%
Wholesale Electronic Markets and Agents and Brokers	7,310	7,360	50	0.67%

Industry Title	Employment		Employment Change, 2006-2016	
	2006	2016	Numeric	Percent
Motor Vehicle and Parts Dealers	23,080	23,660	570	2.48%
Furniture and Home Furnishings Stores	4,920	4,990	70	1.42%
Electronics and Appliance Stores	4,580	4,520	-60	-1.38%
Building Material and Garden Equipment and Supplies Dealers	14,890	16,980	2,090	14.01%
Food and Beverage Stores	22,520	22,460	-60	-0.28%
Health and Personal Care Stores	10,830	11,800	970	8.91%
Gasoline Stations	13,270	12,930	-350	-2.61%
Clothing and Clothing Accessories Stores	11,900	12,430	520	4.39%
Sporting Goods, Hobby, Book, and Music Stores	6,920	7,320	390	5.69%
General Merchandise Stores	43,980	50,090	6,110	13.89%
Miscellaneous Store Retailers	11,030	10,190	-840	-7.63%
Nonstore Retailers	2,290	1,750	-540	-23.54%
Transportation and Warehousing	45,020	48,820	3,800	8.44%
Air Transportation	*	*	*	*
Rail Transportation	*	*	*	*
Truck Transportation	18,770	20,810	2,040	10.88%
Transit and Ground Passenger Transport	*	*	*	*
Pipeline Transportation	1,380	1,160	-220	-15.87%
Scenic and Sightseeing Transportation	*	*	*	*
Support Activities for Transportation	5,330	6,240	920	17.17%
Couriers and Messengers	4,210	4,330	120	2.95%
Warehousing and Storage	4,040	4,720	680	16.94%
Information	29,810	31,880	2,070	6.93%
Publishing Industries	7,190	7,410	220	3.12%
Motion Picture and Sound Recording Industries	1,600	1,110	-490	-30.39%
Broadcasting (except Internet)	4,380	4,320	-60	-1.35%
Internet Publishing and Broadcasting	170	200	20	13.79%
Telecommunications	13,090	14,910	1,820	13.91%
Internet Service Providers, Web Search Portals, and Data Processing Services	2,980	3,570	580	19.59%
Other Information Services	410	370	-40	-9.80%

Industry Title	Employment		Employment Change, 2006-2016	
	2006	2016	Numeric	Percent
Monetary Authorities - Central Bank	*	*	*	*
Credit Intermediation and Related Activities	30,890	33,410	2,520	8.17%
Securities, Commodity Contracts, and Other Financial Investments and Related Activities	4,310	4,430	120	2.69%
Insurance Carriers and Related Activities	23,730	25,270	1,540	6.49%
Funds, Trusts, and Other Financial Vehicles	*	*	*	*
Real Estate and Rental and Leasing	24,400	27,710	3,300	13.54%
Real Estate	11,570	12,600	1,030	8.88%
Rental and Leasing Services	12,320	14,470	2,140	17.39%
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	510	640	130	26.23%
Professional, Scientific, and Technical Services	61,450	75,910	14,470	23.54%
Management of Companies and Enterprises	12,580	12,410	-160	-1.30%
Administrative and Support and Waste Management and Remediation Services	101,910	121,620	19,710	19.34%
Administrative and Support Services	98,740	117,760	19,010	19.25%
Waste Management and Remediation Service	3,160	3,860	700	22.07%
Educational Services	157,250	175,830	18,580	11.82%
Health Care and Social Assistance	183,180	212,870	29,690	16.21%
Ambulatory Health Care Services	61,200	68,900	7,700	12.58%
Hospitals	63,490	71,890	8,400	13.23%
Nursing and Residential Care Facilities	34,370	41,880	7,510	21.84%
Social Assistance	24,120	30,200	6,080	25.21%
Arts, Entertainment, and Recreation	15,660	19,890	4,240	27.05%
Performing Arts, Spectator Sports, and Related Industries	2,540	3,330	790	31.22%
Museums, Historical Sites, and Similar Institution	620	790	170	26.44%
Amusement, Gambling, and Recreation Industries	12,490	15,770	3,280	26.23%

Industry Title	Employment		Employment Change, 2006-2016	
	2006	2016	Numeric	Percent
Accommodation	11,110	12,260	1,160	10.40%
Food Services and Drinking Places	110,340	126,500	16,160	14.64%
Other Services (Except Government)	62,590	68,170	5,580	8.92%
Repair and Maintenance	13,210	15,660	2,450	18.55%
Personal and Laundry Services	12,400	14,200	1,810	14.59%
Religious, Grantmaking, Civic, Professional, and Similar Organizations	34,920	36,300	1,390	3.97%
Private Households	2,070	2,000	-70	-3.15%
Government	163,840	179,550	15,710	9.59%
Federal Government	45,840	47,710	1,860	4.06%
Federal Government, Excluding Postal Service	37,590	39,730	2,140	5.70%
Postal Service	8,250	7,980	-280	-3.38%
State Government, Excluding Education and Hospitals	38,160	39,460	1,290	3.39%
Local Government, Excluding Education and Hospitals	79,840	92,390	12,550	15.72%

1 Total employment includes covered and non-covered employment, agricultural employment and self-employed and unpaid family workers. Covered employment data are from the BLS (Bureau of Labor Statistics) Quarterly Census of Employment and Wages program from Oklahoma Employment Security Commission. Non-covered employment data are average annual data from the BLS Current Employment Statistics program from Oklahoma Employment Security Commission.

2 Self-employed & unpaid family workers data are produced from the projection matrix system based on Oklahoma OES (Occupational Employment Statistics) survey and BLS Current Population Survey. The estimates of the number of self-employed in the base year are larger than these projections round than they were in previous rounds because the file supplied by the Bureau of Labor Statistics now includes estimates of all self-employed jobs (jobs held by people primarily self-employed plus jobs held by people secondarily self-employed).

3 Employment data for Agriculture are from the Census Bureau's American Community Survey 2006 and QCEW program.

* Employment data is withheld to maintain data confidentiality.

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2006 - 2016

Occupation Code	Occupation Title	Employment		Employment Change, 2006-2016		Average Annual Openings	Educational Attainment
		2006	2016	Numeric	Percent		
00-0000	Total, All Occupations	1,687,270	1,861,510	174,240	10.33%	56,200	
11-1011	Chief Executives	11,540	11,710	170	1.47%	340	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	28,510	28,710	200	0.70%	710	Bachelor's or higher degree, plus work experience
11-1031	Legislators	980	980	0	0.00%	20	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	420	420	0	0.00%	10	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	1,110	1,220	110	9.91%	40	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	3,170	3,470	300	9.46%	100	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	550	620	70	12.73%	20	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	3,400	3,750	350	10.29%	130	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	2,130	2,350	220	10.33%	60	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	5,570	6,110	540	9.69%	140	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	770	850	80	10.39%	30	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	390	440	50	12.82%	20	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	570	610	40	7.02%	20	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	1,480	1,530	50	3.38%	60	Work experience in a related occupation
11-3061	Purchasing Managers	730	760	30	4.11%	30	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	1,180	1,270	90	7.63%	50	Work experience in a related occupation
11-9011	Farm, Ranch, and Other Agricultural Managers	7,370	8,130	760	10.31%	140	Bachelor's or higher degree, plus work experience
11-9021	Construction Managers	4,810	5,720	910	18.92%	170	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	760	840	80	10.53%	30	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	2,740	3,020	280	10.22%	110	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	1,660	1,880	220	13.25%	70	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	300	330	30	10.00%	20	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	1,570	1,690	120	7.64%	50	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	5,250	5,650	400	7.62%	170	Work experience in a related occupation
11-9061	Funeral Directors	530	620	90	16.98%	30	Associate degree
11-9081	Lodging Managers	1,270	1,370	100	7.87%	40	Work experience in a related occupation
11-9111	Medical and Health Services Managers	3,740	4,190	450	12.03%	120	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	310	350	40	12.90%	20	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	560	540	-20	-3.57%	20	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	4,990	5,380	390	7.82%	110	Bachelor's degree
11-9151	Social and Community Service Managers	1,420	1,650	230	16.20%	50	Bachelor's degree
11-9199	Managers, All Other	4,170	4,560	390	9.35%	130	Work experience in a related occupation
13-1021	Purchasing Agents and Buyers, Farm Products	290	260	-30	-10.34%	10	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,760	1,690	-70	-3.98%	40	Work experience in a related occupation
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	3,260	3,350	90	2.76%	80	Work experience in a related occupation
13-1031	Claims Adjusters, Examiners, and Investigators	3,710	4,070	360	9.70%	130	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	450	500	50	11.11%	20	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, Cost Estimators	3,180	3,380	200	6.29%	60	Long-term on-the-job training
13-1051	Cost Estimators	1,650	2,020	370	22.42%	80	Work experience in a related occupation

Occupation Code	Occupation Title	Employment		Employment Change, 2006-2016		Average Annual Openings	Educational Attainment
		2006	2016	Numeric	Percent		
13-1071	Employment, Recruitment, and Placement Specialists	1,540	1,720	180	11.69%	60	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,250	1,400	150	12.00%	50	Bachelor's degree
13-1073	Training and Development Specialists	3,050	3,600	550	18.03%	130	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	1,510	1,650	140	9.27%	50	Bachelor's degree
13-1081	Logisticians	1,830	2,130	300	16.39%	60	Bachelor's degree
13-1111	Management Analysts	6,100	6,790	690	11.31%	180	Bachelor's or higher degree, plus work experience
13-1121	Meeting and Convention Planners	370	410	40	10.81%	20	Bachelor's degree
13-1199	Business Operations Specialists, All Other	5,900	6,890	990	16.78%	170	Bachelor's degree
13-2011	Accountants and Auditors	16,410	18,760	2,350	14.32%	530	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	1,020	1,140	120	11.76%	40	Postsecondary vocational training
13-2031	Budget Analysts	580	630	50	8.62%	20	Bachelor's degree
13-2041	Credit Analysts	940	920	-20	-2.13%	40	Bachelor's degree
13-2051	Financial Analysts	980	1,140	160	16.33%	30	Bachelor's degree
13-2052	Personal Financial Advisors	1,200	1,330	130	10.83%	30	Bachelor's degree
13-2053	Insurance Underwriters	1,340	1,410	70	5.22%	50	Bachelor's degree
13-2061	Financial Examiners	270	330	60	22.22%	20	Bachelor's degree
13-2071	Loan Counselors	580	620	40	6.90%	10	Bachelor's degree
13-2072	Loan Officers	3,680	4,100	420	11.41%	90	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	900	990	90	10.00%	40	Bachelor's degree
13-2082	Tax Preparers	890	810	-80	-8.99%	20	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	340	370	30	8.82%	20	Bachelor's degree
15-1011	Computer and Information Scientists, Research	170	190	20	11.76%	10	Doctoral degree
15-1021	Computer Programmers	3,600	3,250	-350	-9.72%	80	Bachelor's degree
15-1031	Computer Software Engineers, Applications	2,180	3,030	850	38.99%	120	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	1,640	2,000	360	21.95%	60	Bachelor's degree
15-1041	Computer Support Specialists	9,180	10,390	1,210	13.18%	410	Associate degree
15-1051	Computer Systems Analysts	3,650	4,570	920	25.21%	190	Bachelor's degree
15-1061	Database Administrators	1,140	1,410	270	23.68%	40	Bachelor's degree
15-1071	Network and Computer Systems Administrators	2,980	3,610	630	21.14%	140	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	2,090	3,090	1,000	47.85%	150	Bachelor's degree
15-1099	Computer Specialists, All Other	1,330	1,450	120	9.02%	50	Associate degree
15-2011	Actuaries	60	60	0	0.00%	10	Bachelor's or higher degree, plus work experience
15-2031	Operations Research Analysts	330	340	10	3.03%	10	Master's degree
15-2041	Statisticians	220	230	10	4.55%	10	Master's degree
17-1011	Architects, Except Landscape and Naval	1,270	1,570	300	23.62%	60	Bachelor's degree
17-1022	Surveyors	470	610	140	29.79%	30	Bachelor's degree
17-2011	Aerospace Engineers	920	1,120	200	21.74%	40	Bachelor's degree
17-2031	Biomedical Engineers	140	170	30	21.43%	10	Bachelor's degree
17-2041	Chemical Engineers	240	270	30	12.50%	10	Bachelor's degree
17-2051	Civil Engineers	1,460	1,740	280	19.18%	70	Bachelor's degree
17-2061	Computer Hardware Engineers	300	300	0	0.00%	10	Bachelor's degree
17-2071	Electrical Engineers	870	970	100	11.49%	30	Bachelor's degree

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		2006	2016	Numeric	Percent		
17-2072	Electronics Engineers, Except Computer	1,800	1,980	180	10.00%	60	Bachelor's degree
17-2081	Environmental Engineers	230	270	40	17.39%	20	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	360	390	30	8.33%	20	Bachelor's degree
17-2112	Industrial Engineers	1,440	1,840	400	27.78%	80	Bachelor's degree
17-2131	Materials Engineers	130	150	20	15.38%	10	Bachelor's degree
17-2141	Mechanical Engineers	2,130	2,310	180	8.45%	70	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	290	330	40	13.79%	20	Bachelor's degree
17-2171	Petroleum Engineers	2,160	2,480	320	14.81%	90	Bachelor's degree
17-2199	Engineers, All Other	850	920	70	8.24%	20	Bachelor's degree
17-3011	Architectural and Civil Drafters	1,160	1,250	90	7.76%	50	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	390	410	20	5.13%	20	Postsecondary vocational training
17-3013	Mechanical Drafters	1,450	1,620	170	11.72%	60	Postsecondary vocational training
17-3022	Civil Engineering Technicians	980	1,170	190	19.39%	40	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	1,770	1,910	140	7.91%	50	Associate degree
17-3024	Electro-Mechanical Technicians	250	300	50	20.00%	10	Associate degree
17-3025	Environmental Engineering Technicians	160	190	30	18.75%	10	Associate degree
17-3027	Mechanical Engineering Technicians	490	560	70	14.29%	20	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	560	590	30	5.36%	20	Associate degree
17-3031	Surveying and Mapping Technicians	700	830	130	18.57%	30	Moderate-term on-the-job training
19-1012	Food Scientists and Technologists	70	80	10	14.29%	10	Bachelor's degree
19-1013	Soil and Plant Scientists	130	140	10	7.69%	10	Bachelor's degree
19-1021	Biochemists and Biophysicists	230	290	60	26.09%	20	Doctoral degree
19-1022	Microbiologists	60	70	10	16.67%	10	Doctoral degree
19-1023	Zoologists and Wildlife Biologists	70	80	10	14.29%	10	Bachelor's degree
19-1029	Biological Scientists, All Other	170	180	10	5.88%	10	Bachelor's degree
19-1031	Conservation Scientists	500	550	50	10.00%	20	Bachelor's degree
19-1032	Foresters	50	60	10	20.00%	10	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	1,150	1,400	250	21.74%	60	Doctoral degree
19-2021	Atmospheric and Space Scientists	240	280	40	16.67%	10	Bachelor's degree
19-2031	Chemists	330	350	20	6.06%	20	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	1,670	1,930	260	15.57%	70	Master's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	1,070	1,250	180	16.82%	50	Master's degree
19-2043	Hydrologists	60	60	0	0.00%	10	Master's degree
19-2099	Physical Scientists, All Other	80	80	0	0.00%	10	Bachelor's degree
19-3011	Economists	90	90	0	0.00%	10	Master's degree
19-3021	Market Research Analysts	2,160	2,380	220	10.19%	40	Bachelor's degree
19-3022	Survey Researchers	260	290	30	11.54%	10	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	1,800	2,090	290	16.11%	60	Doctoral degree
19-3039	Psychologists, All Other	110	110	0	0.00%	10	Master's degree
19-3051	Urban and Regional Planners	330	390	60	18.18%	20	Master's degree
19-3093	Historians	70	80	10	14.29%	10	Master's degree
19-3099	Social Scientists and Related Workers, All Other	220	240	20	9.09%	10	Master's degree
19-4011	Agricultural and Food Science Technicians	180	200	20	11.11%	10	Associate degree

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19-4021	Biological Technicians	900	1,100	200	22.22%	60	Associate degree
19-4031	Chemical Technicians	490	550	60	12.24%	30	Associate degree
19-4041	Geological and Petroleum Technicians	820	940	120	14.63%	50	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	290	360	70	24.14%	20	Associate degree
19-4092	Forensic Science Technicians	130	170	40	30.77%	10	Associate degree
19-4093	Forest and Conservation Technicians	210	220	10	4.76%	10	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	280	310	30	10.71%	20	Associate degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	1,030	1,270	240	23.30%	50	Master's degree
21-1012	Educational, Vocational, and School Counselors	3,210	3,560	350	10.90%	100	Master's degree
21-1014	Mental Health Counselors	1,550	1,850	300	19.35%	70	Master's degree
21-1015	Rehabilitation Counselors	1,850	2,170	320	17.30%	70	Master's degree
21-1021	Child, Family, and School Social Workers	2,870	3,200	330	11.50%	100	Bachelor's degree
21-1022	Medical and Public Health Social Workers	1,350	1,560	210	15.56%	50	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	870	980	110	12.64%	30	Master's degree
21-1029	Social Workers, All Other	600	640	40	6.67%	20	Bachelor's degree
21-1091	Health Educators	600	670	70	11.67%	20	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	900	1,080	180	20.00%	30	Bachelor's degree
21-1093	Social and Human Service Assistants	2,260	2,570	310	13.72%	60	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	590	660	70	11.86%	20	Bachelor's degree
21-2011	Clergy	5,010	5,370	360	7.19%	110	Master's degree
21-2021	Directors, Religious Activities and Education	1,190	1,270	80	6.72%	40	Bachelor's degree
21-2099	Religious Workers, All Other	490	530	40	8.16%	10	Bachelor's degree
23-1011	Lawyers	7,380	8,200	820	11.11%	230	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	160	170	10	6.25%	10	Bachelor's or higher degree, plus work experience
23-1023	Judges, Magistrate Judges, and Magistrates	450	480	30	6.67%	20	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	2,030	2,480	450	22.17%	80	Associate degree
23-2091	Court Reporters	280	300	20	7.14%	10	Postsecondary vocational training
23-2092	Law Clerks	230	230	0	0.00%	10	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	1,810	1,770	-40	-2.21%	30	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	210	220	10	4.76%	10	Bachelor's degree
25-1000	Postsecondary Teachers	19,540	23,810	4,270	21.85%	760	Doctoral degree
25-2011	Preschool Teachers, Except Special Education	7,040	7,920	880	12.50%	210	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	2,170	2,580	410	18.89%	80	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	16,710	19,480	2,770	16.58%	650	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	7,490	8,570	1,080	14.42%	280	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	160	160	0	0.00%	10	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	10,550	11,460	910	8.63%	410	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	1,270	1,260	-10	-0.79%	40	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	2,220	2,710	490	22.07%	100	Bachelor's degree
25-2042	Special Education Teachers, Middle School	1,000	1,200	200	20.00%	50	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	1,270	1,420	150	11.81%	50	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	740	800	60	8.11%	20	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,890	2,100	210	11.11%	50	Work experience in a related occupation

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		2006	2016	Numeric	Percent		
25-3099	Teachers and Instructors, All Other	11,270	12,180	910	8.07%	220	Bachelor's degree
25-4011	Archivists	100	100	0	0.00%	10	Master's degree
25-4012	Curators	70	80	10	14.29%	10	Master's degree
25-4013	Museum Technicians and Conservators	70	80	10	14.29%	10	Master's degree
25-4021	Librarians	2,020	2,160	140	6.93%	70	Master's degree
25-4031	Library Technicians	1,830	2,040	210	11.48%	110	Postsecondary vocational training
25-9011	Audio-Visual Collections Specialists	70	70	0	0.00%	10	Moderate-term on-the-job training
25-9021	Farm and Home Management Advisors	70	70	0	0.00%	10	Bachelor's degree
25-9031	Instructional Coordinators	1,300	1,530	230	17.69%	50	Master's degree
25-9041	Teacher Assistants	10,400	11,360	960	9.23%	270	Short-term on-the-job training
25-9099	Education, Training, and Library Workers, All Other	1,300	1,410	110	8.46%	30	Bachelor's degree
27-1011	Art Directors	280	280	0	0.00%	10	Bachelor's or higher degree, plus work experience
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	140	170	30	21.43%	10	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	250	300	50	20.00%	20	Bachelor's degree
27-1021	Commercial and Industrial Designers	650	690	40	6.15%	30	Bachelor's degree
27-1023	Floral Designers	1,060	980	-80	-7.55%	30	Moderate-term on-the-job training
27-1024	Graphic Designers	1,980	2,050	70	3.54%	60	Bachelor's degree
27-1025	Interior Designers	390	420	30	7.69%	20	Associate degree
27-1026	Merchandise Displayers and Window Trimmers	710	780	70	9.86%	30	Moderate-term on-the-job training
27-1027	Set and Exhibit Designers	80	90	10	12.50%	10	Bachelor's degree
27-2012	Producers and Directors	1,170	1,170	0	0.00%	40	Bachelor's or higher degree, plus work experience
27-2021	Athletes and Sports Competitors	110	120	10	9.09%	10	Long-term on-the-job training
27-2022	Coaches and Scouts	2,450	2,720	270	11.02%	100	Long-term on-the-job training
27-2042	Musicians and Singers	1,830	1,900	70	3.83%	50	Long-term on-the-job training
27-3011	Radio and Television Announcers	700	590	-110	-15.71%	30	Long-term on-the-job training
27-3012	Public Address System and Other Announcers	130	130	0	0.00%	10	Long-term on-the-job training
27-3022	Reporters and Correspondents	1,080	1,100	20	1.85%	40	Bachelor's or higher degree, plus work experience
27-3031	Public Relations Specialists	2,050	2,280	230	11.22%	40	Bachelor's degree
27-3041	Editors	900	930	30	3.33%	30	Bachelor's degree
27-3042	Technical Writers	470	560	90	19.15%	30	Bachelor's degree
27-3043	Writers and Authors	1,790	2,090	300	16.76%	70	Bachelor's degree
27-3091	Interpreters and Translators	240	280	40	16.67%	10	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	240	280	40	16.67%	20	Long-term on-the-job training
27-4012	Broadcast Technicians	610	630	20	3.28%	30	Associate degree
27-4021	Photographers	1,770	2,060	290	16.38%	70	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	310	290	-20	-6.45%	10	Moderate-term on-the-job training
27-4099	Media and Communication Equipment Workers, All Other	70	70	0	0.00%	10	Moderate-term on-the-job training
29-1011	Chiropractors	700	710	10	1.43%	10	First professional degree
29-1021	Dentists, General	1,640	1,840	200	12.20%	60	First professional degree
29-1029	Dentists, All Other Specialists	990	1,090	100	10.10%	30	First professional degree
29-1031	Dietitians and Nutritionists	810	840	30	3.70%	30	Bachelor's degree
29-1041	Optometrists	520	500	-20	-3.85%	10	First professional degree
29-1051	Pharmacists	3,030	3,710	680	22.44%	130	First professional degree

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29-1060	Physicians and Surgeons	7,400	7,730	330	4.46%	170	First professional degree
29-1071	Physician Assistants	830	940	110	13.25%	30	Bachelor's degree
29-1111	Registered Nurses	25,680	30,890	5,210	20.29%	950	Associate degree
29-1121	Audiologists	130	130	0	0.00%	10	First professional degree
29-1122	Occupational Therapists	970	1,090	120	12.37%	30	Master's degree
29-1123	Physical Therapists	2,160	2,530	370	17.13%	70	Master's degree
29-1124	Radiation Therapists	260	310	50	19.23%	10	Associate degree
29-1125	Recreational Therapists	360	350	-10	-2.78%	10	Bachelor's degree
29-1126	Respiratory Therapists	1,200	1,470	270	22.50%	50	Associate degree
29-1127	Speech-Language Pathologists	1,450	1,580	130	8.97%	50	Master's degree
29-1131	Veterinarians	800	1,140	340	42.50%	50	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	740	790	50	6.76%	20	Bachelor's degree
29-2011	Medical and Clinical Laboratory Technologists	1,630	1,770	140	8.59%	40	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	1,400	1,500	100	7.14%	40	Associate degree
29-2021	Dental Hygienists	1,560	1,830	270	17.31%	60	Associate degree
29-2031	Cardiovascular Technologists and Technicians	550	670	120	21.82%	20	Associate degree
29-2032	Diagnostic Medical Sonographers	500	560	60	12.00%	20	Associate degree
29-2033	Nuclear Medicine Technologists	240	260	20	8.33%	10	Associate degree
29-2034	Radiologic Technologists and Technicians	2,130	2,350	220	10.33%	60	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	3,960	4,540	580	14.65%	110	Postsecondary vocational training
29-2051	Dietetic Technicians	400	460	60	15.00%	20	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	3,690	4,890	1,200	32.52%	240	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	930	880	-50	-5.38%	30	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	390	390	0	0.00%	20	Associate degree
29-2055	Surgical Technologists	1,470	1,770	300	20.41%	80	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	620	940	320	51.61%	60	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	13,600	14,710	1,110	8.16%	490	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	2,740	3,030	290	10.58%	110	Associate degree
29-2081	Opticians, Dispensing	770	750	-20	-2.60%	30	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	90	100	10	11.11%	10	Bachelor's degree
29-2099	Health Technologists and Technicians, All Other	580	620	40	6.90%	10	Postsecondary vocational training
29-9011	Occupational Health and Safety Specialists	710	770	60	8.45%	20	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	140	160	20	14.29%	10	Postsecondary vocational training
29-9091	Athletic Trainers	230	280	50	21.74%	10	Bachelor's degree
29-9099	Healthcare Practitioners and Technical Workers, All Other	400	430	30	7.50%	10	Postsecondary vocational training
31-1011	Home Health Aides	7,510	10,000	2,490	33.16%	320	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	20,440	24,010	3,570	17.47%	540	Postsecondary vocational training
31-1013	Psychiatric Aides	840	810	-30	-3.57%	10	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	490	580	90	18.37%	20	Associate degree
31-2012	Occupational Therapist Aides	220	250	30	13.64%	10	Short-term on-the-job training
31-2021	Physical Therapist Assistants	1,020	1,230	210	20.59%	40	Associate degree
31-2022	Physical Therapist Aides	730	830	100	13.70%	20	Short-term on-the-job training
31-9011	Massage Therapists	600	690	90	15.00%	20	Postsecondary vocational training

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31-9091	Dental Assistants	3,170	3,690	520	16.40%	110	Moderate-term on-the-job training
31-9092	Medical Assistants	6,970	8,270	1,300	18.65%	220	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	420	470	50	11.90%	10	Short-term on-the-job training
31-9094	Medical Transcriptionists	1,150	1,200	50	4.35%	20	Postsecondary vocational training
31-9095	Pharmacy Aides	1,010	890	-120	-11.88%	20	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	980	1,210	230	23.47%	40	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	1,510	1,630	120	7.95%	40	Short-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Officers	710	860	150	21.13%	40	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	1,320	1,530	210	15.91%	70	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	880	1,030	150	17.05%	50	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	180	200	20	11.11%	10	Work experience in a related occupation
33-2011	Fire Fighters	4,610	5,470	860	18.66%	260	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	180	210	30	16.67%	10	Work experience in a related occupation
33-2022	Forest Fire Inspectors and Prevention Specialists	160	160	0	0.00%	10	Work experience in a related occupation
33-3011	Bailiffs	240	270	30	12.50%	10	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	5,510	6,970	1,460	26.50%	280	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	1,290	1,560	270	20.93%	60	Work experience in a related occupation
33-3031	Fish and Game Wardens	70	80	10	14.29%	10	Associate degree
33-3051	Police and Sheriff's Patrol Officers	9,290	10,760	1,470	15.82%	400	Long-term on-the-job training
33-9011	Animal Control Workers	370	430	60	16.22%	20	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	610	710	100	16.39%	30	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigators	330	450	120	36.36%	20	Moderate-term on-the-job training
33-9032	Security Guards	9,360	10,950	1,590	16.99%	350	Short-term on-the-job training
33-9091	Crossing Guards	460	470	10	2.17%	20	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	860	970	110	12.79%	80	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	520	610	90	17.31%	50	Short-term on-the-job training
35-1011	Chefs and Head Cooks	1,680	1,830	150	8.93%	40	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	8,040	9,190	1,150	14.30%	180	Work experience in a related occupation
35-2011	Cooks, Fast Food	14,950	16,750	1,800	12.04%	590	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	7,370	7,900	530	7.19%	260	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	8,830	10,150	1,320	14.95%	380	Long-term on-the-job training
35-2015	Cooks, Short Order	2,160	2,340	180	8.33%	80	Short-term on-the-job training
35-2021	Food Preparation Workers	8,550	10,030	1,480	17.31%	450	Short-term on-the-job training
35-3011	Bartenders	3,070	3,430	360	11.73%	150	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	27,120	32,970	5,850	21.57%	1,100	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,540	3,910	370	10.45%	290	Short-term on-the-job training
35-3031	Waiters and Waitresses	27,610	31,470	3,860	13.98%	1,890	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	2,550	2,940	390	15.29%	80	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,870	3,270	400	13.94%	160	Short-term on-the-job training
35-9021	Dishwashers	5,400	6,130	730	13.52%	300	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	3,930	4,490	560	14.25%	330	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	2,270	2,450	180	7.93%	60	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	2,070	2,290	220	10.63%	40	Work experience in a related occupation

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37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	24,950	27,630	2,680	10.74%	750	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	12,060	13,440	1,380	11.44%	370	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	9,930	10,830	900	9.06%	230	Short-term on-the-job training
37-3013	Tree Trimmers and Pruners	1,510	1,520	10	0.66%	30	Short-term on-the-job training
39-1011	Gaming Supervisors	390	510	120	30.77%	20	Work experience in a related occupation
39-1012	Slot Key Persons	210	240	30	14.29%	10	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,300	1,420	120	9.23%	40	Work experience in a related occupation
39-2011	Animal Trainers	520	650	130	25.00%	30	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	2,110	2,630	520	24.64%	90	Short-term on-the-job training
39-3011	Gaming Dealers	750	980	230	30.67%	40	Postsecondary vocational training
39-3012	Gaming and Sports Book Writers and Runners	510	680	170	33.33%	30	Short-term on-the-job training
39-3021	Motion Picture Projectionists	90	60	-30	-33.33%	10	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	530	500	-30	-5.66%	40	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	1,760	2,080	320	18.18%	120	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	160	190	30	18.75%	20	Short-term on-the-job training
39-4011	Embalmers	190	220	30	15.79%	10	Postsecondary vocational training
39-4021	Funeral Attendants	500	590	90	18.00%	30	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,900	4,520	620	15.90%	110	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	150	190	40	26.67%	10	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	360	400	40	11.11%	10	Short-term on-the-job training
39-6012	Concierges	50	50	0	0.00%	10	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	80	90	10	12.50%	10	Moderate-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	50	60	10	20.00%	10	Short-term on-the-job training
39-9011	Child Care Workers	13,180	15,090	1,910	14.49%	570	Short-term on-the-job training
39-9021	Personal and Home Care Aides	11,070	15,320	4,250	38.39%	620	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	2,380	2,820	440	18.49%	90	Postsecondary vocational training
39-9032	Recreation Workers	3,300	3,600	300	9.09%	100	Short-term on-the-job training
39-9041	Residential Advisors	590	670	80	13.56%	30	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	280	230	-50	-17.86%	10	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	17,500	18,850	1,350	7.71%	510	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	3,070	3,260	190	6.19%	70	Work experience in a related occupation
41-2011	Cashiers	41,960	42,170	210	0.50%	2,020	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	860	950	90	10.47%	50	Short-term on-the-job training
41-2021	Counter and Rental Clerks	4,510	5,560	1,050	23.28%	280	Short-term on-the-job training
41-2022	Parts Salespersons	3,430	3,230	-200	-5.83%	40	Moderate-term on-the-job training
41-2031	Retail Salespersons	49,560	55,900	6,340	12.79%	2,160	Short-term on-the-job training
41-3011	Advertising Sales Agents	1,750	2,050	300	17.14%	70	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	4,880	5,530	650	13.32%	180	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,510	1,490	-20	-1.32%	40	Bachelor's degree
41-3041	Travel Agents	560	550	-10	-1.79%	10	Postsecondary vocational training
41-3099	Sales Representatives, Services, All Other	3,610	4,560	950	26.32%	180	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	4,950	5,560	610	12.32%	170	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	12,230	13,460	1,230	10.06%	400	Moderate-term on-the-job training

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41-9011	Demonstrators and Product Promoters	530	630	100	18.87%	30	Moderate-term on-the-job training
41-9021	Real Estate Brokers	2,020	2,120	100	4.95%	50	Work experience in a related occupation
41-9022	Real Estate Sales Agents	5,170	5,470	300	5.80%	120	Postsecondary vocational training
41-9041	Telemarketers	6,010	5,560	-450	-7.49%	220	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	4,680	5,240	560	11.97%	120	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	810	940	130	16.05%	20	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	14,540	15,170	630	4.33%	370	Work experience in a related occupation
43-2011	Switchboard Operators, Including Answering Service	2,210	1,970	-240	-10.86%	50	Short-term on-the-job training
43-2021	Telephone Operators	180	110	-70	-38.89%	10	Short-term on-the-job training
43-3011	Bill and Account Collectors	6,130	7,520	1,390	22.68%	240	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	7,630	7,620	-10	-0.13%	100	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	27,030	29,890	2,860	10.58%	710	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	290	320	30	10.34%	20	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	3,100	3,130	30	0.97%	90	Moderate-term on-the-job training
43-3061	Procurement Clerks	1,370	1,360	-10	-0.73%	30	Short-term on-the-job training
43-3071	Tellers	8,340	9,500	1,160	13.91%	480	Short-term on-the-job training
43-4011	Brokerage Clerks	330	310	-20	-6.06%	20	Moderate-term on-the-job training
43-4021	Correspondence Clerks	290	310	20	6.90%	10	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	2,590	3,030	440	16.99%	110	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	440	390	-50	-11.36%	20	Short-term on-the-job training
43-4051	Customer Service Representatives	23,590	29,370	5,780	24.50%	1,240	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	630	690	60	9.52%	20	Moderate-term on-the-job training
43-4071	File Clerks	2,730	1,540	-1,190	-43.59%	80	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	2,060	2,310	250	12.14%	110	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	1,590	1,790	200	12.58%	70	Short-term on-the-job training
43-4121	Library Assistants, Clerical	1,020	1,130	110	10.78%	50	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	2,380	2,350	-30	-1.26%	50	Short-term on-the-job training
43-4141	New Accounts Clerks	1,100	910	-190	-17.27%	40	Work experience in a related occupation
43-4151	Order Clerks	2,620	1,900	-720	-27.48%	60	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	2,990	3,310	320	10.70%	60	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	12,330	13,780	1,450	11.76%	450	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,930	2,850	-80	-2.73%	70	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	1,960	1,750	-210	-10.71%	40	Short-term on-the-job training
43-5011	Cargo and Freight Agents	520	550	30	5.77%	20	Moderate-term on-the-job training
43-5021	Couriers and Messengers	1,210	1,160	-50	-4.13%	40	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	1,970	2,330	360	18.27%	90	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,210	2,270	60	2.71%	70	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	1,020	900	-120	-11.76%	40	Short-term on-the-job training
43-5051	Postal Service Clerks	730	720	-10	-1.37%	20	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	4,070	4,020	-50	-1.23%	120	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	1,850	1,670	-180	-9.73%	20	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	3,760	4,030	270	7.18%	130	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	7,330	7,730	400	5.46%	220	Short-term on-the-job training

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43-5081	Stock Clerks and Order Fillers	16,990	15,990	-1,000	-5.89%	410	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	560	490	-70	-12.50%	20	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	19,480	21,480	2,000	10.27%	510	Moderate-term on-the-job training
43-6012	Legal Secretaries	2,560	2,870	310	12.11%	80	Postsecondary vocational training
43-6013	Medical Secretaries	4,400	4,640	240	5.45%	100	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	26,070	25,850	-220	-0.84%	420	Moderate-term on-the-job training
43-9011	Computer Operators	1,120	840	-280	-25.00%	20	Moderate-term on-the-job training
43-9021	Data Entry Keyers	3,110	2,850	-260	-8.36%	80	Moderate-term on-the-job training
43-9022	Word Processors and Typists	810	720	-90	-11.11%	20	Moderate-term on-the-job training
43-9031	Desktop Publishers	140	140	0	0.00%	10	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	3,080	3,010	-70	-2.27%	40	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,560	1,340	-220	-14.10%	50	Short-term on-the-job training
43-9061	Office Clerks, General	37,370	41,130	3,760	10.06%	1,070	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	610	570	-40	-6.56%	20	Short-term on-the-job training
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Work	1,220	1,430	210	17.21%	50	Work experience in a related occupation
45-2011	Agricultural Inspectors	330	370	40	12.12%	20	Work experience in a related occupation
45-2021	Animal Breeders	110	110	0	0.00%	10	Short-term on-the-job training
45-2041	Graders and Sorters, Agricultural Products	840	860	20	2.38%	20	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	1,570	1,670	100	6.37%	50	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	16,050	17,080	1,030	6.42%	510	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	4,210	4,560	350	8.31%	140	Short-term on-the-job training
45-2099	Agricultural Workers, All Other	410	430	20	4.88%	20	Short-term on-the-job training
45-4011	Forest and Conservation Workers	170	190	20	11.76%	10	Moderate-term on-the-job training
45-4021	Fallers	60	70	10	16.67%	10	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	240	260	20	8.33%	10	Moderate-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Work	8,120	9,110	990	12.19%	220	Work experience in a related occupation
47-2011	Boilermakers	230	260	30	13.04%	20	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	1,280	1,520	240	18.75%	60	Long-term on-the-job training
47-2022	Stonemasons	110	130	20	18.18%	10	Long-term on-the-job training
47-2031	Carpenters	10,070	11,510	1,440	14.30%	280	Long-term on-the-job training
47-2041	Carpet Installers	510	510	0	0.00%	10	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	230	-20	-8.00%	10	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	520	620	100	19.23%	20	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	3,060	3,620	560	18.30%	150	Moderate-term on-the-job training
47-2061	Construction Laborers	15,130	17,570	2,440	16.13%	360	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,580	1,770	190	12.03%	60	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	5,650	6,280	630	11.15%	180	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	1,580	1,840	260	16.46%	50	Moderate-term on-the-job training
47-2082	Tapers	190	220	30	15.79%	10	Moderate-term on-the-job training
47-2111	Electricians	7,330	8,440	1,110	15.14%	300	Long-term on-the-job training
47-2121	Glaziers	930	1,050	120	12.90%	30	Long-term on-the-job training
47-2131	Insulation Workers, Floor, Ceiling, and Wall	290	340	50	17.24%	20	Moderate-term on-the-job training
47-2132	Insulation Workers, Mechanical	620	730	110	17.74%	30	Moderate-term on-the-job training

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47-2141	Painters, Construction and Maintenance	4,420	5,200	780	17.65%	160	Moderate-term on-the-job training
47-2142	Paperhangers	120	120	0	0.00%	10	Moderate-term on-the-job training
47-2151	Pipelayers	900	1,010	110	12.22%	30	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5,840	6,820	980	16.78%	220	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	240	280	40	16.67%	10	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	70	80	10	14.29%	10	Long-term on-the-job training
47-2181	Roofers	1,180	1,470	290	24.58%	60	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	3,070	3,390	320	10.42%	110	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	550	620	70	12.73%	30	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	560	670	110	19.64%	30	Short-term on-the-job training
47-3012	Helpers--Carpenters	630	720	90	14.29%	30	Short-term on-the-job training
47-3013	Helpers--Electricians	1,590	1,810	220	13.84%	70	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	190	200	10	5.26%	10	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1,490	1,780	290	19.46%	70	Short-term on-the-job training
47-3016	Helpers--Roofers	190	220	30	15.79%	10	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	400	450	50	12.50%	20	Short-term on-the-job training
47-4011	Construction and Building Inspectors	1,290	1,570	280	21.71%	60	Work experience in a related occupation
47-4041	Hazardous Materials Removal Workers	380	430	50	13.16%	20	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	3,960	4,670	710	17.93%	150	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	120	130	10	8.33%	10	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	260	290	30	11.54%	10	Moderate-term on-the-job training
47-4099	Construction and Related Workers, All Other	290	320	30	10.34%	10	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	2,710	3,230	520	19.19%	80	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	1,400	1,650	250	17.86%	40	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	2,340	2,640	300	12.82%	60	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	380	450	70	18.42%	20	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	380	410	30	7.89%	20	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	3,530	4,070	540	15.30%	160	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	2,360	2,790	430	18.22%	120	Short-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	6,640	7,210	570	8.58%	220	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,840	1,880	40	2.17%	30	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	2,040	2,150	110	5.39%	70	Long-term on-the-job training
49-2092	Electric Motor, Power Tool, and Related Repairers	430	420	-10	-2.33%	20	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	230	250	20	8.70%	10	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	1,170	1,350	180	15.38%	60	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	520	520	0	0.00%	20	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	310	290	-20	-6.45%	10	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	360	380	20	5.56%	10	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	1,030	1,310	280	27.18%	50	Postsecondary vocational training
49-3011	Aircraft Mechanics and Service Technicians	6,060	6,370	310	5.12%	100	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	3,020	3,440	420	13.91%	120	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	70	80	10	14.29%	10	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	8,190	9,220	1,030	12.58%	270	Postsecondary vocational training

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49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,210	4,800	590	14.01%	150	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	490	510	20	4.08%	20	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,480	1,720	240	16.22%	60	Postsecondary vocational training
49-3043	Rail Car Repairers	160	170	10	6.25%	10	Long-term on-the-job training
49-3051	Motorboat Mechanics	330	390	60	18.18%	20	Long-term on-the-job training
49-3052	Motorcycle Mechanics	280	290	10	3.57%	10	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	420	410	-10	-2.38%	10	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	110	120	10	9.09%	10	Long-term on-the-job training
49-3093	Tire Repairers and Changers	1,490	1,720	230	15.44%	60	Short-term on-the-job training
49-9011	Mechanical Door Repairers	330	390	60	18.18%	20	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	930	940	10	1.08%	20	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3,450	4,100	650	18.84%	130	Long-term on-the-job training
49-9031	Home Appliance Repairers	580	610	30	5.17%	20	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	3,600	4,140	540	15.00%	120	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	17,860	19,690	1,830	10.25%	230	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	1,240	1,280	40	3.23%	30	Short-term on-the-job training
49-9044	Millwrights	240	290	50	20.83%	10	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	80	80	0	0.00%	10	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	1,710	1,890	180	10.53%	80	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	1,820	1,960	140	7.69%	70	Long-term on-the-job training
49-9062	Medical Equipment Repairers	280	320	40	14.29%	20	Associate degree
49-9069	Precision Instrument and Equipment Repairers, All Other	240	250	10	4.17%	10	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	650	650	0	0.00%	20	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	220	260	40	18.18%	10	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	2,550	2,890	340	13.33%	100	Short-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	7,690	8,000	310	4.03%	160	Work experience in a related occupation
51-2021	Coil Winders, Tapers, and Finishers	200	180	-20	-10.00%	10	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	1,770	1,470	-300	-16.95%	30	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	240	240	0	0.00%	10	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	690	680	-10	-1.45%	20	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	1,730	1,900	170	9.83%	50	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	850	920	70	8.24%	30	Moderate-term on-the-job training
51-2092	Team Assemblers	18,340	19,440	1,100	6.00%	500	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	810	800	-10	-1.23%	20	Moderate-term on-the-job training
51-3011	Bakers	1,080	1,280	200	18.52%	50	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	1,380	1,450	70	5.07%	60	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1,050	1,310	260	24.76%	60	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	2,160	2,810	650	30.09%	140	Moderate-term on-the-job training
51-3092	Food Batchmakers	680	830	150	22.06%	40	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	480	520	40	8.33%	30	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,740	1,870	130	7.47%	40	Moderate-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	290	290	0	0.00%	10	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal a	540	530	-10	-1.85%	20	Moderate-term on-the-job training

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51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	520	420	-100	-19.23%	20	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	260	270	10	3.85%	10	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,510	3,410	-100	-2.85%	90	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	800	700	-100	-12.50%	20	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,220	1,150	-70	-5.74%	20	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	860	740	-120	-13.95%	20	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	470	410	-60	-12.77%	10	Moderate-term on-the-job training
51-4041	Machinists	6,930	7,440	510	7.36%	160	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0.00%	10	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	100	110	10	10.00%	10	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	180	170	-10	-5.56%	10	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	150	160	10	6.67%	10	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,190	1,130	-60	-5.04%	30	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,620	1,760	140	8.64%	50	Moderate-term on-the-job training
51-4111	Tool and Die Makers	410	420	10	2.44%	10	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	9,580	10,850	1,270	13.26%	330	Long-term on-the-job training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	790	930	140	17.72%	40	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	390	370	-20	-5.13%	10	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	110	100	-10	-9.09%	10	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	570	580	10	1.75%	20	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	280	250	-30	-10.71%	10	Moderate-term on-the-job training
51-5011	Bindery Workers	620	480	-140	-22.58%	10	Short-term on-the-job training
51-5022	Prepress Technicians and Workers	550	440	-110	-20.00%	10	Postsecondary vocational training
51-5023	Printing Machine Operators	1,610	1,510	-100	-6.21%	40	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	3,000	3,350	350	11.67%	110	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	1,920	2,130	210	10.94%	40	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,530	1,200	-330	-21.57%	20	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	350	360	10	2.86%	10	Long-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	80	60	-20	-25.00%	10	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	190	180	-10	-5.26%	10	Moderate-term on-the-job training
51-6093	Upholsterers	330	310	-20	-6.06%	10	Long-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	1,860	2,050	190	10.22%	80	Long-term on-the-job training
51-7021	Furniture Finishers	110	110	0	0.00%	10	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	390	470	80	20.51%	20	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	500	610	110	22.00%	30	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	200	220	20	10.00%	10	Moderate-term on-the-job training
51-8013	Power Plant Operators	500	510	10	2.00%	20	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	300	330	30	10.00%	10	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	2,240	2,650	410	18.30%	80	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	160	150	-10	-6.25%	10	Long-term on-the-job training
51-8092	Gas Plant Operators	450	420	-30	-6.67%	20	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	910	920	10	1.10%	30	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	620	590	-30	-4.84%	20	Moderate-term on-the-job training

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		2006	2016	Numeric	Percent		
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	400	400	0	0.00%	10	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	610	590	-20	-3.28%	10	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	700	700	0	0.00%	20	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	2,000	2,120	120	6.00%	50	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	150	160	10	6.67%	10	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	640	650	10	1.56%	20	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	910	910	0	0.00%	20	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	320	310	-10	-3.13%	10	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5,980	5,900	-80	-1.34%	90	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	630	710	80	12.70%	20	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	540	580	40	7.41%	20	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	2,440	2,380	-60	-2.46%	50	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	2,000	1,990	-10	-0.50%	40	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	720	800	80	11.11%	30	Long-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	460	500	40	8.70%	20	Short-term on-the-job training
51-9131	Photographic Process Workers	280	180	-100	-35.71%	10	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	230	240	10	4.35%	10	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	110	120	10	9.09%	10	Moderate-term on-the-job training
51-9194	Etchers and Engravers	100	100	0	0.00%	10	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,210	1,260	50	4.13%	40	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	680	560	-120	-17.65%	20	Moderate-term on-the-job training
51-9197	Tire Builders	1,420	1,230	-190	-13.38%	60	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	8,650	9,420	770	8.90%	290	Short-term on-the-job training
51-9199	Production Workers, All Other	1,510	1,620	110	7.28%	50	Moderate-term on-the-job training
53-1011	Aircraft Cargo Handling Supervisors	100	120	20	20.00%	10	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	1,920	2,140	220	11.46%	70	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	3,000	3,330	330	11.00%	100	Work experience in a related occupation
53-2011	Airline Pilots, Copilots, and Flight Engineers	170	170	0	0.00%	10	Bachelor's degree
53-2012	Commercial Pilots	360	400	40	11.11%	20	Postsecondary vocational training
53-2021	Air Traffic Controllers	530	640	110	20.75%	30	Long-term on-the-job training
53-2022	Airfield Operations Specialists	120	150	30	25.00%	10	Long-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	850	990	140	16.47%	30	Moderate-term on-the-job training
53-3022	Bus Drivers, School	4,720	5,160	440	9.32%	110	Short-term on-the-job training
53-3031	Driver/Sales Workers	6,510	6,370	-140	-2.15%	120	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	24,740	27,660	2,920	11.80%	740	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	9,990	10,730	740	7.41%	250	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	1,680	1,890	210	12.50%	50	Short-term on-the-job training
53-4021	Railroad Brake, Signal, and Switch Operators	200	180	-20	-10.00%	10	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	310	350	40	12.90%	20	Moderate-term on-the-job training
53-6021	Parking Lot Attendants	660	710	50	7.58%	30	Short-term on-the-job training
53-6031	Service Station Attendants	620	680	60	9.68%	40	Short-term on-the-job training
53-6041	Traffic Technicians	160	180	20	12.50%	10	Short-term on-the-job training
53-6051	Transportation Inspectors	420	500	80	19.05%	30	Work experience in a related occupation

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53-6099	Transportation Workers, All Other	270	300	30	11.11%	10	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	600	550	-50	-8.33%	10	Short-term on-the-job training
53-7021	Crane and Tower Operators	490	530	40	8.16%	20	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	1,680	1,910	230	13.69%	60	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	60	60	0	0.00%	10	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	7,440	7,400	-40	-0.54%	190	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	4,840	5,510	670	13.84%	260	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,320	25,610	290	1.15%	840	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	990	880	-110	-11.11%	20	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	6,590	5,820	-770	-11.68%	80	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	130	130	0	0.00%	10	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	590	540	-50	-8.47%	30	Moderate-term on-the-job training
53-7073	Wellhead Pumpers	1,840	1,780	-60	-3.26%	80	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	2,080	2,240	160	7.69%	80	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	280	310	30	10.71%	10	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	140	140	0	0.00%	10	Moderate-term on-the-job training