



**Projections to 2010  
focusing on:**

- **Growing and declining industries and occupations**
- **Job Openings**
- **Education and training requirements**

# **Maine Employment Outlook** **2000 to 2010**

*Industrial and Occupational Employment Projections*

This publication is a product of the Economic and Demographic Research Group  
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## ***Preface***

*Maine Employment Outlook* highlights industry and occupational employment projections for the period from 2000 to 2010. The labor market of the future is being shaped by many factors, including technological change and social and demographic trends. Labor market trends in Maine have largely followed a similar course to national trends for many years. These projections generally mirror national projections published by the U.S. Bureau of Labor Statistics for the same period.

### **Projection Highlights**

- Employment opportunities will be concentrated in the service-producing sector of the economy. Health services, business services, social services, and retail trade are expected to create about two-thirds of all new jobs.
- The occupational structure of employment will shift along with changes in the industrial structure and technology. Many of the fastest growing occupations will be health care-related, largely due to rapid growth in the number of middle age and elderly people.
- Technology will continue to impact the structure of employment and how work is done. Computers will increasingly be a part of a wide range of work processes.

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**Industry Employment  
2000 and Projected 2010**

Employment by Industry in Maine, 2000 and Projected 2010

Industry	Employment		Employment Change	
	2000	2010	Net	Percent
<b>TOTAL EMPLOYMENT</b>	<b>669,255</b>	<b>725,656</b>	<b>56,401</b>	<b>8.4%</b>
<b>Self-Employed, Private Household, and Unpaid Family Workers</b>	<b>68,500</b>	<b>70,950</b>	<b>2,450</b>	<b>3.6%</b>
<b>Wage and Salary Employment</b>	<b>600,755</b>	<b>654,706</b>	<b>53,951</b>	<b>9.0%</b>
<b>Goods-Producing Sector</b>	<b>121,915</b>	<b>118,144</b>	<b>-3,771</b>	<b>-3.1%</b>
<b>Agriculture, Forestry, and Fishing</b>	<b>7,328</b>	<b>8,188</b>	<b>860</b>	<b>11.7%</b>
<b>Mining</b>	<b>93</b>	<b>93</b>	<b>0</b>	<b>0.0%</b>
<b>Construction</b>	<b>29,582</b>	<b>30,067</b>	<b>485</b>	<b>1.6%</b>
Building Construction	7,279	7,674	395	5.4%
Heavy Construction	4,441	4,441	0	0.0%
Special Trade Contractors	17,862	17,952	90	0.5%
<b>Manufacturing</b>	<b>84,912</b>	<b>79,796</b>	<b>-5,116</b>	<b>-6.0%</b>
Durable Goods	42,743	42,560	-183	-0.4%
Lumber and Wood Products	10,700	10,566	-134	-1.3%
Furniture and Fixtures	1,659	1,819	160	9.6%
Stone, Clay, Glass and Concrete Products	1,655	1,623	-32	-1.9%
Primary Metal Industries	479	455	-24	-5.0%
Fabricated Metal Products	3,555	3,905	350	9.8%
Industrial Machinery and Equipment	4,793	5,117	324	6.8%
Electronic and Other Electrical Equipment	7,526	7,334	-192	-2.6%
Transportation Equipment	10,126	9,332	-794	-7.8%
Instruments and Related Products	1,079	1,070	-9	-0.8%
Miscellaneous Manufacturing Industries	1,171	1,339	168	14.3%
Nondurable Goods	42,169	37,236	-4,933	-11.7%
Food and Kindred Products	7,055	6,634	-421	-6.0%
Textile Mill Products	3,153	2,951	-202	-6.4%
Apparel and Other Textile Products	2,389	2,078	-311	-13.0%
Paper and Allied Products	13,138	11,529	-1,609	-12.2%
Printing and Publishing	6,225	6,447	222	3.6%
Chemicals and Allied Products	1,617	1,673	56	3.5%
Petroleum and Coal Products	380	364	-16	-4.2%
Rubber and Miscellaneous Plastics Products	2,810	2,581	-229	-8.1%
Leather Products	5,402	2,979	-2,423	-44.9%

Employment by Industry in Maine, 2000 and Projected 2010

Industry	Employment		Employment Change	
	2000	2010	Net	Percent
<b>Service-Producing Sector</b>	<b>478,840</b>	<b>536,562</b>	<b>57,722</b>	<b>12.1%</b>
<b>Transportation, Communication, and Public Utilities</b>	<b>29,030</b>	<b>30,079</b>	<b>1,049</b>	<b>3.6%</b>
Railroad Transportation	750	750	0	0.0%
Local and Interurban Transit	2,087	2,434	347	16.6%
Trucking and Warehousing	8,183	8,611	428	5.2%
U.S. Postal Service	4,706	4,848	142	3.0%
Water Transportation	1,331	1,361	30	2.3%
Transportation by Air	2,270	2,747	477	21.0%
Pipe Lines, except Natural Gas	51	50	-1	-2.0%
Transportation Services	1,130	1,365	235	20.8%
Communications	4,997	5,118	121	2.4%
Utilities and Sanitary Services	3,525	2,795	-730	-20.7%
<b>Wholesale Trade</b>	<b>27,507</b>	<b>27,961</b>	<b>454</b>	<b>1.7%</b>
Durable Goods Wholesaling	13,886	14,885	999	7.2%
Nondurable Goods Wholesaling	13,621	13,076	-545	-4.0%
<b>Retail Trade</b>	<b>122,701</b>	<b>130,134</b>	<b>7,433</b>	<b>6.1%</b>
Building Materials and Garden Supply Stores	5,838	5,860	22	0.4%
General Merchandise Stores	12,048	11,319	-729	-6.1%
Food Stores	23,325	24,841	1,516	6.5%
Auto Dealers and Service Stations	13,954	14,839	885	6.3%
Apparel and Accessories Stores	4,270	4,076	-194	-4.5%
Furniture and Home Furnishings Stores	4,031	4,394	363	9.0%
Eating and Drinking Places	36,931	39,508	2,577	7.0%
Miscellaneous Retail Stores	22,304	25,297	2,993	13.4%
<b>Finance, Insurance, and Real Estate</b>	<b>30,703</b>	<b>33,704</b>	<b>3,001</b>	<b>9.8%</b>
Banks	9,473	10,394	921	9.7%
Non bank credit institutions	4,495	6,011	1,516	33.7%
Security and Commodity Brokers	1,381	1,940	559	40.5%
Insurance Carriers	7,493	7,318	-175	-2.3%
Insurance Agents, Brokers, and Service	3,565	3,565	0	0.0%
Real Estate	3,951	4,108	157	4.0%
Holding and Other Investment Offices	345	368	23	6.7%



Employment by Industry in Maine, 2000 and Projected 2010

Industry	Employment		Employment Change	
	2000	2010	Net	Percent
<b>Services</b>	<b>176,001</b>	<b>216,397</b>	<b>40,396</b>	<b>23.0%</b>
Hotels and Other Lodging Places	10,758	11,475	717	6.7%
Personal Services	4,119	4,267	148	3.6%
Business Services	25,376	32,708	7,332	28.9%
Auto Repair Services and Parking	4,964	5,972	1,008	20.3%
Miscellaneous Repair Services	1,415	1,365	-50	-3.5%
Motion Pictures	1,931	1,910	-21	-1.1%
Amusement and Recreation Services	6,551	8,713	2,162	33.0%
Health Services	57,878	70,639	12,761	22.0%
Legal Services	3,778	3,888	110	2.9%
Educational Services	13,480	14,949	1,469	10.9%
Social Services	25,023	36,672	11,649	46.6%
Museums, Art Galleries, and Gardens	358	466	108	30.2%
Membership Organizations	8,289	9,261	972	11.7%
Engineering and Management Services	11,829	13,874	2,045	17.3%
Services, Not Elsewhere Classified	252	388	136	54.0%
<b>Government</b>	<b>97,604</b>	<b>103,135</b>	<b>5,531</b>	<b>5.7%</b>
Federal Government	14,284	14,556	272	1.9%
State Government	23,179	24,275	1,096	4.7%
Local Government	60,141	64,304	4,163	6.9%

Industries Projected to Gain or Lose the Largest Number of Jobs in Maine Between 2000 and 2010

Industries Expected to Gain 150 or More Jobs		Industries Expected to Lose Jobs	
Health Services	12,761	Leather Products	-2,423
Social Services	11,649	Paper and Allied Products	-1,609
Business Services	7,332	Transportation Equipment	-794
Local Government	4,163	Utilities and Sanitary Services	-730
Miscellaneous Retail Stores	2,993	General Merchandise Stores	-729
Eating and Drinking Places	2,577	Nondurable Goods Wholesaling	-545
Amusement and Recreation Services	2,162	Food and Kindred Products	-421
Engineering and Management Services	2,045	Apparel and Other Textile Products	-311
Non bank credit institutions	1,516	Rubber and Miscellaneous Plastics Products	-229
Food Stores	1,516	Textile Mill Products	-202
Educational Services	1,469	Apparel and Accessories Stores	-194
State Government	1,096	Electronic and Other Electrical Equipment	-192
Auto Repair Services and Parking	1,008	Insurance Carriers	-175
Durable Goods Wholesaling	999	Lumber and Wood Products	-134
Membership Organizations	972	Miscellaneous Repair Services	-50
Banks	921	Stone, Clay, Glass and Concrete Products	-32
Auto Dealers and Service Stations	885	Primary Metal Industries	-24
Hotels and Other Lodging Places	717	Motion Pictures	-21
Security and Commodity Brokers	559	Petroleum and Coal Products	-16
Transportation by Air	477	Instruments and Related Products	-9
Trucking and Warehousing	428	Pipe Lines, except Natural Gas	-1
Building Construction	395		
Furniture and Home Furnishings Stores	363		
Fabricated Metal Products	350		
Local and Interurban Transit	347		
Industrial Machinery and Equipment	324		
Federal Government	272		
Transportation Services	235		
Printing and Publishing	222		
Miscellaneous Manufacturing Industries	168		
Furniture and Fixtures	160		
Real Estate	157		

Industries Projected to Gain and Lose Jobs at the Fastest Rate in Maine Between 2000 and 2010

Industries Expected to Gain Jobs by 5 Percent or More		Industries Expected to Lose Jobs	
Services, Not Elsewhere Classified	54.0%	Leather Products	-44.9%
Social Services	46.6%	Utilities and Sanitary Services	-20.7%
Security and Commodity Brokers	40.5%	Apparel and Other Textile Products	-13.0%
Non bank credit institutions	33.7%	Paper and Allied Products	-12.2%
Amusement and Recreation Services	33.0%	Rubber and Miscellaneous Plastics Products	-8.1%
Museums, Art Galleries, and Gardens	30.2%	Transportation Equipment	-7.8%
Business Services	28.9%	Textile Mill Products	-6.4%
Health Services	22.0%	General Merchandise Stores	-6.1%
Transportation by Air	21.0%	Food and Kindred Products	-6.0%
Transportation Services	20.8%	Primary Metal Industries	-5.0%
Auto Repair Services and Parking	20.0%	Apparel and Accessories Stores	-4.5%
Engineering and Management Services	17.3%	Petroleum and Coal Products	-4.2%
Local and Interurban Transit	16.6%	Nondurable Goods Wholesaling	-4.0%
Miscellaneous Manufacturing Industries	14.3%	Miscellaneous Repair Services	-3.5%
Miscellaneous Retail Stores	13.4%	Electronic and Other Electrical Equipment	-2.6%
Membership Organizations	11.7%	Insurance Carriers	-2.3%
Educational Services	10.9%	Pipe Lines, except Natural Gas	-2.0%
Fabricated Metal Products	9.8%	Stone, Clay, Glass and Concrete Products	-1.9%
Banks	9.7%	Lumber and Wood Products	-1.3%
Furniture and Fixtures	9.6%	Motion Pictures	-1.1%
Furniture and Home Furnishings Stores	9.0%	Instruments and Related Products	-0.8%
Durable Goods Wholesaling	7.2%		
Eating and Drinking Places	7.0%		
Local Government	6.9%		
Industrial Machinery and Equipment	6.8%		
Holding and Other Investment Offices	6.7%		
Hotels and Other Lodging Places	6.7%		
Food Stores	6.5%		
Auto Dealers and Service Stations	6.3%		
Building Construction	5.4%		
Trucking and Warehousing	5.2%		

**Occupational Employment  
2000 and Projected 2010**

Employment by Occupational Group in Maine in 2000 and Projected 2010

Occupational Group	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Average Wage
	2000	2010	Net	Percent	Growth	Replacement	Total	
<b>Total All Occupations</b>	<b>669,255</b>	<b>725,516</b>	<b>56,261</b>	<b>8.4%</b>	<b>6,799</b>	<b>16,020</b>	<b>22,819</b>	<b>\$14.46</b>
Management Occupations	49,080	53,461	4,381	8.9%	486	827	1,313	\$27.69
Business and Financial Operations Occupations	17,475	19,052	1,577	9.0%	171	338	509	\$20.04
Computer and Mathematical Occupations	7,709	10,422	2,713	35.2%	287	72	359	\$23.27
Architecture and Engineering Occupations	10,017	9,787	-230	-2.3%	16	207	223	\$24.25
Life, Physical, and Social Science Occupations	4,722	5,445	723	15.3%	73	137	210	\$21.03
Community and Social Services Occupations	12,477	16,899	4,422	35.4%	443	215	658	\$15.07
Legal Occupations	4,398	4,714	316	7.2%	32	35	67	\$29.22
Education, Training, and Library Occupations	43,622	48,220	4,598	10.5%	461	961	1,422	\$33.670
Arts, Design, Entertainment, Sports, and Media Occupations	9,763	10,555	792	8.1%	102	180	282	\$15.83
Healthcare Practitioners and Technical Occupations	33,266	40,757	7,491	22.5%	751	725	1,476	\$23.85
Healthcare Support Occupations	19,298	24,242	4,944	25.6%	495	307	802	\$9.96
Protective Service Occupations	11,110	13,229	2,119	19.1%	216	303	519	\$12.83
Food Preparation and Serving Related Occupations	53,233	56,227	2,994	5.6%	395	2,389	2,784	\$8.10
Building and Grounds Cleaning and Maintenance Occupations	24,527	26,947	2,420	9.9%	245	504	749	\$9.72
Personal Care and Service Occupations	19,776	25,703	5,927	30.0%	596	522	1,118	\$8.83
Sales and Related Occupations	68,703	74,279	5,576	8.1%	576	2,182	2,758	\$12.32
Office and Administrative Support Occupations	101,928	106,392	4,464	4.4%	734	2,170	2,904	\$11.85
Farming, Fishing, and Forestry Occupations	7,510	6,871	-639	-8.5%	8	184	192	\$12.40
Construction and Extraction Occupations	38,805	40,042	1,237	3.2%	148	749	897	\$14.44
Installation, Maintenance, and Repair Occupations	29,260	29,951	691	2.4%	139	642	781	\$15.51
Production Occupations	57,136	54,809	-2,327	-4.1%	152	1,338	1,490	\$12.97
Transportation and Material Moving Occupations	45,440	47,512	2,072	4.6%	273	1,033	1,306	\$11.66

Average wages are for wage and salary workers only and do not include the self-employed.

Occupational Employment by Education/Training  
Requirement in Maine in 2000 and Projected 2010

Education/Training Requirement	Average Annual Employment		Percent of Total Employment		Change in Employment		Average Annual Openings			2001 Average Wage
	2000	2010	2000	2010	Net	Percent	Growth	Replacement	Total	
<b>Total</b>	<b>669,255</b>	<b>725,516</b>	<b>100.0%</b>	<b>100.0%</b>	<b>56,261</b>	<b>8.4%</b>	<b>6,799</b>	<b>16,020</b>	<b>22,819</b>	<b>\$14.46</b>
First Professional degree	8,628	9,818	1.3%	1.4%	1,190	13.8%	119	129	248	\$43.85
Doctoral degree	3,899	4,722	0.6%	0.7%	823	21.1%	82	109	191	\$23.99
Master's degree	10,469	13,035	1.6%	1.8%	2,566	24.5%	259	226	485	\$18.89
Bachelor's degree plus work experience	31,831	35,400	4.8%	4.9%	3,569	11.2%	373	583	956	\$28.99
Bachelor's degree	74,254	82,384	11.1%	11.4%	8,130	10.9%	887	1,454	2,341	\$19.58
Associate's degree	25,618	31,297	3.8%	4.3%	5,679	22.2%	576	499	1,075	\$19.61
Post-Secondary vocational training	27,371	30,244	4.1%	4.2%	2,873	10.5%	314	648	962	\$13.93
Work experience in a related occupation	50,700	53,954	7.6%	7.4%	3,254	6.4%	364	983	1,347	\$17.47
Long-term on-the-job training	63,938	65,475	9.6%	9.0%	1,537	2.4%	336	1,311	1,647	\$14.57
Moderate-term on-the-job training	131,913	135,585	19.7%	18.7%	3,672	2.8%	868	2,552	3,420	\$13.05
Short-term on-the-job-training	240,634	263,602	36.0%	36.3%	22,968	9.5%	2,621	7,526	10,147	\$9.49

*Average wages are for wage and salary workers and do not include the self-employed. The average by education/training requirement is an estimate calculated using 2001 wages and 2000 employment.*

**Forty Occupations with the Largest Projected Number of Annual Openings in Maine Between 2000 and 2010**

SOC Code	Occupation	Average Annual		Average Annual Openings			Education/Training Requirement
		2000	2010	Growth	Replacement	Total	
41-2011	Cashiers	16,991	18,568	158	771	929	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	11,906	13,694	179	729	908	Short-term on-the-job training
41-2031	Retail Salespersons	17,394	18,424	103	662	765	Short-term on-the-job training
35-3031	Waiters and Waitresses	8,623	9,068	45	485	530	Short-term on-the-job training
29-1111	Registered Nurses	12,182	14,903	272	246	518	Associate degree
39-9021	Personal and Home Care Aides	4,515	7,859	334	69	403	Short-term on-the-job training
43-9061	Office Clerks, General	10,511	11,914	140	202	342	Short-term on-the-job training
11-1021	General and Operations Managers	12,268	13,262	99	206	305	Bachelor's degree plus work experience
35-2021	Food Preparation Workers	6,122	6,746	62	236	298	Short-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	7,573	8,186	61	231	292	Bachelor's degree
39-9011	Child Care Workers	5,790	6,671	88	197	285	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,873	11,611	74	197	271	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,658	7,780	12	256	268	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,192	7,268	8	256	264	Short-term on-the-job training
25-9041	Teacher Assistants	7,770	8,775	101	162	263	Short-term on-the-job training
31-1011	Home Health Aides	4,234	6,262	203	54	257	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,104	11,893	79	153	232	Moderate-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,256	7,943	69	158	227	Short-term on-the-job training
43-4051	Customer Service Representatives	7,823	9,343	152	66	218	Moderate-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	9,801	10,558	76	142	218	Work experience in a related occupation
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,261	2,591	33	175	208	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	9,712	10,484	77	124	201	Short-term on-the-job training
47-2031	Carpenters	9,055	9,512	46	153	199	Long-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,257	10,130	0	195	195	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	4,189	5,057	87	105	192	Short-term on-the-job training
21-1093	Social and Human Service Assistants	2,128	3,713	159	32	191	Moderate-term on-the-job training
43-4171	Receptionists and Information Clerks	4,505	5,404	90	99	189	Short-term on-the-job training
41-9041	Telemarketers	3,697	4,717	102	76	178	Short-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,026	5,505	48	119	167	Postsecondary vocational training
41-4012	Sales Reps, Wholesale & Manufacturing, Except Technical & Scientific Products	6,002	6,022	2	163	165	Moderate-term on-the-job training
53-7064	Packers and Packagers, Hand	4,645	5,026	38	118	156	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	5,894	6,632	74	81	155	Short-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	8,874	8,491	0	151	151	Moderate-term on-the-job training
25-2021	Elementary School Teachers, Except Special Education	5,808	5,980	17	132	149	Bachelor's degree
43-3071	Tellers	2,696	2,806	11	130	141	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5,513	5,840	33	107	140	Work experience in a related occupation
33-9032	Security Guards	2,630	3,245	62	72	134	Short-term on-the-job training
35-3011	Bartenders	2,976	3,116	14	117	131	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	5,672	5,994	32	97	129	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	3,328	3,649	32	95	127	Long-term on-the-job training

Forty Occupations with the Largest Projected Net Job Growth in Maine Between 2000 and 2010

SOC Code	Occupation	Average Employment		Net Growth	Education/Training Requirement
		2000	2010		
39-9021	Personal and Home Care Aides	4,515	7,859	3,344	Short-term on-the-job training
29-1111	Registered Nurses	12,182	14,903	2,721	Associate degree
31-1011	Home Health Aides	4,234	6,262	2,028	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	11,906	13,694	1,788	Short-term on-the-job training
21-1093	Social and Human Service Assistants	2,128	3,713	1,585	Moderate-term on-the-job training
41-2011	Cashiers	16,991	18,568	1,577	Short-term on-the-job training
43-4051	Customer Service Representatives	7,823	9,343	1,520	Moderate-term on-the-job training
43-9061	Office Clerks, General	10,511	11,914	1,403	Short-term on-the-job training
15-1041	Computer Support Specialists	1,798	2,932	1,134	Associate degree
41-2031	Retail Salespersons	17,394	18,424	1,030	Short-term on-the-job training
41-9041	Telemarketers	3,697	4,717	1,020	Short-term on-the-job training
25-9041	Teacher Assistants	7,770	8,775	1,005	Short-term on-the-job training
11-1021	General and Operations Managers	12,268	13,262	994	Bachelor's degree plus work experience
43-4171	Receptionists and Information Clerks	4,505	5,404	899	Short-term on-the-job training
39-9011	Child Care Workers	5,790	6,671	881	Short-term on-the-job training
31-9092	Medical Assistants	1,358	2,238	880	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	4,189	5,057	868	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,104	11,893	789	Moderate-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	9,712	10,484	772	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	9,801	10,558	757	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,873	11,611	738	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	5,894	6,632	738	Short-term on-the-job training
21-1021	Child, Family, and School Social Workers	2,127	2,824	697	Bachelor's degree
37-2012	Maids and Housekeeping Cleaners	7,256	7,943	687	Short-term on-the-job training
35-2021	Food Preparation Workers	6,122	6,746	624	Short-term on-the-job training
33-9032	Security Guards	2,630	3,245	615	Short-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	7,573	8,186	613	Bachelor's degree
33-3051	Police and Sheriff's Patrol Officers	2,442	3,031	589	Long-term on-the-job training
11-9111	Medical and Health Services Managers	1,653	2,164	511	Bachelor's degree plus work experience
49-3023	Automotive Service Technicians and Mechanics	5,026	5,505	479	Postsecondary vocational training
21-1023	Mental Health and Substance Abuse Social Workers	973	1,447	474	Master's degree
47-2031	Carpenters	9,055	9,512	457	Long-term on-the-job training
15-1051	Computer Systems Analysts	1,427	1,881	454	Bachelor's degree
35-3031	Waiters and Waitresses	8,623	9,068	445	Short-term on-the-job training
43-6013	Medical Secretaries	1,511	1,940	429	Postsecondary vocational training
15-1071	Network and Computer Systems Administrators	776	1,200	424	Bachelor's degree
11-9151	Social and Community Service Managers	1,164	1,588	424	Bachelor's degree
11-3021	Computer and Information Systems Managers	1,314	1,722	408	Bachelor's degree plus work experience
39-3091	Amusement and Recreation Attendants	1,252	1,650	398	Short-term on-the-job training
29-2071	Medical Records and Health Information Technicians	814	1,203	389	Associate degree



Forty Occupations with the Fastest Projected Rate of Job Growth in Maine Between 2000 and 2010

SOC Code	Occupation	Average Employment		Growth Rate	Education/Training Requirement
		2000	2010		
21-1093	Social and Human Service Assistants	2,128	3,713	74.5%	Moderate-term on-the-job training
39-9021	Personal and Home Care Aides	4,515	7,859	74.1%	Short-term on-the-job training
43-9031	Desktop Publishers	137	235	71.5%	Postsecondary vocational training
31-9092	Medical Assistants	1,358	2,238	64.8%	Moderate-term on-the-job training
15-1041	Computer Support Specialists	1,798	2,932	63.1%	Associate degree
29-1071	Physician Assistants	532	843	58.5%	Bachelor's degree
15-1071	Network and Computer Systems Administrators	776	1,200	54.6%	Bachelor's degree
27-3091	Interpreters and Translators	168	253	50.6%	Long-term on-the-job training
15-1081	Network Systems and Data Communications Analysts	225	336	49.3%	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	973	1,447	48.7%	Master's degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	329	488	48.3%	Master's degree
31-1011	Home Health Aides	4,234	6,262	47.9%	Short-term on-the-job training
29-2071	Medical Records and Health Information Technicians	814	1,203	47.8%	Associate degree
31-2021	Physical Therapist Assistants	226	333	47.3%	Associate degree
21-1014	Mental Health Counselors	626	922	47.3%	Master's degree
23-2091	Court Reporters	103	151	46.6%	Postsecondary vocational training
13-2052	Personal Financial Advisors	402	588	46.3%	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	343	501	46.1%	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	656	955	45.6%	Bachelor's degree
49-2098	Security and Fire Alarm Systems Installers	110	159	44.5%	Postsecondary vocational training
29-1066	Psychiatrists	145	209	44.1%	First professional degree
21-1022	Medical and Public Health Social Workers	559	798	42.8%	Bachelor's degree
15-1031	Computer Software Engineers, Applications	734	1,046	42.5%	Bachelor's degree
15-1061	Database Administrators	374	531	42.0%	Bachelor's degree
31-1013	Psychiatric Aides	425	586	37.9%	Short-term on-the-job training
31-9094	Medical Transcriptionists	724	998	37.8%	Postsecondary vocational training
31-9091	Dental Assistants	857	1,172	36.8%	Moderate-term on-the-job training
29-2021	Dental Hygienists	934	1,275	36.5%	Associate degree
21-1015	Rehabilitation Counselors	878	1,198	36.4%	Master's degree
11-9151	Social and Community Service Managers	1,164	1,588	36.4%	Bachelor's degree
21-1091	Health Educators	346	467	35.0%	Master's degree
33-9021	Private Detectives and Investigators	155	207	33.5%	Work experience in a related occupation
11-2031	Public Relations Managers	336	447	33.0%	Bachelor's degree plus work experience
21-1021	Child, Family, and School Social Workers	2,127	2,824	32.8%	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	770	1,017	32.1%	Master's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	285	376	31.9%	Short-term on-the-job training
15-1051	Computer Systems Analysts	1,427	1,881	31.8%	Bachelor's degree
29-1123	Physical Therapists	808	1,065	31.8%	Master's degree
39-3091	Amusement and Recreation Attendants	1,252	1,650	31.8%	Short-term on-the-job training
39-2021	Nonfarm Animal Caretakers	659	865	31.3%	Short-term on-the-job training

Occupations with fewer than 100 jobs in 2000 were excluded from this list.

Forty Occupations with the Largest Projected Net Job Loss in Maine Between 2000 and 2010

SOC Code	Occupation	Average Employment		Net Decline	Education/Training Requirement
		2000	2010		
51-6042	Shoe Machine Operators and Tenders	1,095	449	-646	Moderate-term on-the-job training
45-3011	Fishers and Related Fishing Workers	1,697	1,182	-515	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,549	1,068	-481	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	1,242	806	-436	Long-term on-the-job training
35-9021	Dishwashers	2,744	2,315	-429	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,601	1,193	-408	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	8,874	8,491	-383	Moderate-term on-the-job training
43-9022	Word Processors and Typists	1,788	1,428	-360	Moderate-term on-the-job training
35-2011	Cooks, Fast Food	3,326	2,976	-350	Short-term on-the-job training
43-4151	Order Clerks	1,640	1,294	-346	Short-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,760	3,446	-314	Work experience in a related occupation
53-7063	Machine Feeders and Offbearers	1,750	1,441	-309	Short-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,085	1,780	-305	Moderate-term on-the-job training
11-9012	Farmers and Ranchers	3,590	3,291	-299	Long-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	967	735	-232	Short-term on-the-job training
53-6031	Service Station Attendants	1,266	1,036	-230	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,950	5,754	-196	Long-term on-the-job training
43-9011	Computer Operators	809	643	-166	Moderate-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,281	1,116	-165	Short-term on-the-job training
15-1021	Computer Programmers	1,493	1,333	-160	Bachelor's degree
51-2022	Electrical and Electronic Equipment Assemblers	980	839	-141	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	678	538	-140	Short-term on-the-job training
45-4021	Fallers	1,486	1,349	-137	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,257	10,130	-127	Moderate-term on-the-job training
43-9021	Data Entry Keyers	1,805	1,679	-126	Moderate-term on-the-job training
41-2022	Parts Salespersons	1,358	1,233	-125	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	270	155	-115	Short-term on-the-job training
51-6051	Sewers, Hand	289	180	-109	Short-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	922	813	-109	Bachelor's degree
49-9044	Millwrights	698	592	-106	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	713	609	-104	Long-term on-the-job training
11-9041	Engineering Managers	1,067	963	-104	Bachelor's degree plus work experience
51-3021	Butchers and Meat Cutters	714	614	-100	Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	942	851	-91	Moderate-term on-the-job training
51-2092	Team Assemblers	3,639	3,552	-87	Moderate-term on-the-job training
27-3010	Announcers	459	390	-69	Long-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	591	522	-69	Moderate-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	564	495	-69	Long-term on-the-job training
27-3010	Announcers	459	390	-69	Long-term on-the-job training
51-9198	Helpers--Production Workers	1,624	1,557	-67	Short-term on-the-job training

Forty Occupations with the Fastest Projected Rate of Job Loss in Maine Between 2000 and 2010

SOC Code	Occupation	Average Employment		Rate of Decline	Education/Training Requirement
		2000	2010		
51-6042	Shoe Machine Operators and Tenders	1,095	449	-59.0%	Moderate-term on-the-job training
27-4032	Film and Video Editors	139	72	-48.2%	Bachelor's degree
43-5041	Meter Readers, Utilities	270	155	-42.6%	Short-term on-the-job training
51-6051	Sewers, Hand	289	180	-37.7%	Short-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	1,242	806	-35.1%	Long-term on-the-job training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	133	87	-34.6%	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	1,549	1,068	-31.1%	Moderate-term on-the-job training
45-3011	Fishers and Related Fishing Workers	1,697	1,182	-30.3%	Moderate-term on-the-job training
51-6031	Sewing Machine Operators	1,601	1,193	-25.5%	Moderate-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	967	735	-24.0%	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	118	91	-22.9%	Moderate-term on-the-job training
43-4151	Order Clerks	1,640	1,294	-21.1%	Short-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	119	94	-21.0%	Postsecondary vocational training
43-4131	Loan Interviewers and Clerks	678	538	-20.6%	Short-term on-the-job training
43-9011	Computer Operators	809	643	-20.5%	Moderate-term on-the-job training
51-8013	Power Plant Operators	168	134	-20.2%	Long-term on-the-job training
43-9022	Word Processors and Typists	1,788	1,428	-20.1%	Moderate-term on-the-job training
47-2011	Boilermakers	114	93	-18.4%	Long-term on-the-job training
53-6031	Service Station Attendants	1,266	1,036	-18.2%	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,750	1,441	-17.7%	Short-term on-the-job training
51-8012	Power Distributors and Dispatchers	155	128	-17.4%	Long-term on-the-job training
43-3061	Procurement Clerks	326	270	-17.2%	Short-term on-the-job training
35-9021	Dishwashers	2,744	2,315	-15.6%	Short-term on-the-job training
49-9044	Millwrights	698	592	-15.2%	Long-term on-the-job training
27-3010	Announcers	459	390	-15.0%	Long-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	116	99	-14.7%	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,085	1,780	-14.6%	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	713	609	-14.6%	Long-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	980	839	-14.4%	Short-term on-the-job training
51-3021	Butchers and Meat Cutters	714	614	-14.0%	Long-term on-the-job training
43-9071	Office Machine Operators, Except Computer	244	211	-13.5%	Short-term on-the-job training
51-9131	Photographic Process Workers	209	181	-13.4%	Moderate-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,281	1,116	-12.9%	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	140	122	-12.9%	Moderate-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	564	495	-12.2%	Long-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	386	339	-12.2%	Moderate-term on-the-job training
51-5022	Prepress Technicians and Workers	389	342	-12.1%	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	158	139	-12.0%	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	294	259	-11.9%	Moderate-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	922	813	-11.8%	Bachelor's degree

Occupations with fewer than 100 jobs in 2000 were excluded from this list.

Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010  
(Sorted by Occupational Group)

SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
	<b>Total All Occupations</b>	<b>669,255</b>	<b>725,516</b>	<b>56,261</b>	<b>8.4%</b>	<b>6,799</b>	<b>16,020</b>	<b>22,819</b>	<b>\$14.46</b>	<b>NA</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>49,080</b>	<b>53,461</b>	<b>4,381</b>	<b>8.9%</b>	<b>486</b>	<b>827</b>	<b>1,313</b>	<b>\$27.69</b>	<b>NA</b>
11-1031	Legislators	371	421	50	13.5%	5	12	17	\$9.67	Bachelor's degree plus work experience
11-9051	Food Service Managers	2,860	2,994	134	4.7%	13	34	47	\$16.61	Work experience in a related occupation
11-9081	Lodging Managers	388	397	9	2.3%	1	5	6	\$16.99	Work experience in a related occupation
11-9031	Education Administrators, Preschool and Child Care Center/Program	194	253	59	30.4%	6	5	11	\$17.32	Bachelor's degree plus work experience
11-9141	Property, Real Estate, and Community Association Managers	1,295	1,425	130	10.0%	13	21	34	\$17.97	Bachelor's degree
11-9151	Social and Community Service Managers	1,164	1,588	424	36.4%	42	22	64	\$19.27	Bachelor's degree
11-3011	Administrative Services Managers	1,176	1,316	140	11.9%	14	19	33	\$21.19	Bachelor's degree plus work experience
11-9131	Postmasters and Mail Superintendents	373	395	22	5.9%	2	6	8	\$21.49	Work experience in a related occupation
11-3071	Transportation, Storage, and Distribution Managers	704	786	82	11.6%	8	11	19	\$22.81	Work experience in a related occupation
11-9011	Farm, Ranch, and Other Agricultural Managers	678	696	18	2.7%	2	8	10	\$22.90	Bachelor's degree plus work experience
11-2031	Public Relations Managers	336	447	111	33.0%	11	5	16	\$23.26	Bachelor's degree plus work experience
11-3061	Purchasing Managers	584	519	-65	-11.1%	0	18	18	\$24.13	Bachelor's degree plus work experience
11-9061	Funeral Directors	199	215	16	8.0%	2	3	5	\$24.64	Associate degree
11-2011	Advertising and Promotions Managers	406	507	101	24.9%	10	6	16	\$25.02	Bachelor's degree plus work experience
11-9021	Construction Managers	1,225	1,306	81	6.6%	8	20	28	\$25.91	Bachelor's degree
11-3040	Human Resources Managers	993	1,041	48	4.8%	5	17	22	\$26.48	Bachelor's degree plus work experience
11-9033	Education Administrators, Postsecondary	511	561	50	9.8%	5	13	18	\$27.26	Bachelor's degree plus work experience
11-9199	Managers, All Other	6,109	6,515	406	6.6%	41	108	149	\$27.90	Work experience in a related occupation
11-1021	General and Operations Managers	12,268	13,262	994	8.1%	99	206	305	\$27.98	Bachelor's degree plus work experience
11-9111	Medical and Health Services Managers	1,653	2,164	511	30.9%	51	29	80	\$28.38	Bachelor's degree plus work experience
11-3031	Financial Managers	2,731	3,102	371	13.6%	37	42	79	\$28.76	Bachelor's degree plus work experience
11-9121	Natural Sciences Managers	184	186	2	1.1%	0	3	3	\$28.89	Bachelor's degree plus work experience
11-3051	Industrial Production Managers	1,115	1,093	-22	-2.0%	0	18	18	\$29.14	Bachelor's degree
11-2022	Sales Managers	1,163	1,455	292	25.1%	29	17	46	\$30.34	Bachelor's degree plus work experience
11-2021	Marketing Managers	744	906	162	21.8%	16	11	27	\$31.05	Bachelor's degree plus work experience
11-3021	Computer and Information Systems Managers	1,314	1,722	408	31.1%	41	22	63	\$32.02	Bachelor's degree plus work experience
11-9041	Engineering Managers	1,067	963	-104	-9.7%	0	17	17	\$36.23	Bachelor's degree plus work experience
11-1011	Chief Executives	2,218	2,444	226	10.2%	23	70	93	\$46.39	Bachelor's degree plus work experience
11-9032	Education Administrators, Elementary and Secondary School	1,465	1,489	24	1.6%	2	38	40	\$56.307	Bachelor's degree plus work experience
11-9012	Farmers and Ranchers	3,590	3,291	-299	-8.3%	0	21	21	NA	Long-term on-the-job training
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>17,475</b>	<b>19,052</b>	<b>1,577</b>	<b>9.0%</b>	<b>171</b>	<b>338</b>	<b>509</b>	<b>\$20.04</b>	<b>NA</b>
13-1021	Purchasing Agents and Buyers, Farm Products	41	45	4	9.8%	0	1	1	\$18.60	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	922	813	-109	-11.8%	0	28	28	\$15.78	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	870	893	23	2.6%	2	17	19	\$18.97	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	1,137	1,213	76	6.7%	8	13	21	\$21.91	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	25	27	2	8.0%	0	0	0	\$20.96	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010  
(Sorted by Occupational Group)

SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	773	831	58	7.5%	6	20	26	\$19.27	Long-term on-the-job training
13-1051	Cost Estimators	602	639	37	6.1%	4	13	17	\$21.13	Bachelor's degree
13-1061	Emergency Management Specialists	66	78	12	18.2%	1	2	3	\$19.15	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	688	750	62	9.0%	6	13	19	\$18.08	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	313	323	10	3.2%	1	6	7	\$19.82	Bachelor's degree
13-1073	Training and Development Specialists	883	979	96	10.9%	10	17	27	\$18.47	Bachelor's degree
13-1111	Management Analysts	1,111	1,267	156	14.0%	16	10	26	\$25.39	Bachelor's degree plus work experience
13-1121	Meeting and Convention Planners	86	103	17	19.8%	2	2	4	\$15.19	Bachelor's degree
13-1199	Business Operations Specialists, All Other	2,500	2,722	222	8.9%	22	63	85	\$19.96	Bachelor's degree
13-2011	Accountants and Auditors	3,412	3,654	242	7.1%	24	51	75	\$20.12	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	199	222	23	11.6%	2	6	8	\$20.27	Postsecondary vocational training
13-2031	Budget Analysts	235	255	20	8.5%	2	5	7	\$22.41	Bachelor's degree
13-2051	Financial Analysts	224	273	49	21.9%	5	3	8	\$24.91	Bachelor's degree
13-2052	Personal Financial Advisors	402	588	186	46.3%	19	5	24	\$24.80	Bachelor's degree
13-2053	Insurance Underwriters	343	333	-10	-2.9%	0	5	5	\$21.04	Bachelor's degree
13-2061	Financial Examiners	88	97	9	10.2%	1	2	3	\$24.66	Bachelor's degree
13-2071	Loan Counselors	85	113	28	32.9%	3	2	5	\$16.32	Bachelor's degree
13-2072	Loan Officers	936	1,063	127	13.6%	13	19	32	\$21.37	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	474	529	55	11.6%	6	13	19	\$17.26	Bachelor's degree
13-2082	Tax Preparers	250	274	24	9.6%	2	5	7	\$13.65	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	336	423	87	25.9%	9	7	16	\$21.14	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>7,709</b>	<b>10,422</b>	<b>2,713</b>	<b>35.2%</b>	<b>287</b>	<b>72</b>	<b>359</b>	<b>\$23.27</b>	<b>NA</b>
15-1011	Computer and Information Scientists, Research	13	17	4	30.8%	0	0	0	NA	Doctoral degree
15-1021	Computer Programmers	1,493	1,333	-160	-10.7%	0	31	31	\$24.47	Bachelor's degree
15-1031	Computer Software Engineers, Applications	734	1,046	312	42.5%	31	5	36	\$26.69	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	343	501	158	46.1%	16	2	18	\$32.41	Bachelor's degree
15-1041	Computer Support Specialists	1,798	2,932	1,134	63.1%	113	8	121	\$15.72	Associate degree
15-1051	Computer Systems Analysts	1,427	1,881	454	31.8%	45	13	58	\$27.26	Bachelor's degree
15-1061	Database Administrators	374	531	157	42.0%	16	2	18	\$25.25	Bachelor's degree
15-1071	Network and Computer Systems Administrators	776	1,200	424	54.6%	42	3	45	\$22.58	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	225	336	111	49.3%	11	1	12	\$22.93	Bachelor's degree
15-1099	Computer Specialists, All Other	347	473	126	36.3%	13	3	16	\$24.10	Postsecondary vocational training
15-2011	Actuaries	39	40	1	2.6%	0	1	1	\$36.14	Bachelor's degree plus work experience
15-2031	Operations Research Analysts	69	61	-8	-11.6%	0	2	2	\$22.29	Master's degree
15-2041	Statisticians	57	57	0	0.0%	0	1	1	\$21.88	Master's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>10,017</b>	<b>9,787</b>	<b>-230</b>	<b>-2.3%</b>	<b>16</b>	<b>207</b>	<b>223</b>	<b>\$24.25</b>	<b>NA</b>
17-1011	Architects, Except Landscape and Naval	331	312	-19	-5.7%	0	2	2	\$24.58	Bachelor's degree
17-1012	Landscape Architects	53	58	5	9.4%	1	0	1	\$21.36	Bachelor's degree

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SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
17-1021	Cartographers and Photogrammetrists	48	47	-1	-2.1%	0	1	1	\$20.70	Bachelor's degree
17-1022	Surveyors	347	317	-30	-8.6%	0	11	11	\$18.49	Bachelor's degree
17-2031	Biomedical Engineers	112	125	13	11.6%	1	2	3	\$32.86	Bachelor's degree
17-2041	Chemical Engineers	247	230	-17	-6.9%	0	4	4	\$31.16	Bachelor's degree
17-2051	Civil Engineers	1,299	1,252	-47	-3.6%	0	20	20	\$24.92	Bachelor's degree
17-2061	Computer Hardware Engineers	59	58	-1	-1.7%	0	1	1	NA	Bachelor's degree
17-2071	Electrical Engineers	564	538	-26	-4.6%	0	10	10	\$30.54	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	278	290	12	4.3%	1	5	6	\$28.02	Bachelor's degree
17-2081	Environmental Engineers	268	315	47	17.5%	5	5	10	\$27.10	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	152	154	2	1.3%	0	3	3	\$25.05	Bachelor's degree
17-2112	Industrial Engineers	551	506	-45	-8.2%	0	9	9	\$28.09	Bachelor's degree
17-2121	Marine Engineers and Naval Architects	79	72	-7	-8.9%	0	2	2	\$29.08	Bachelor's degree
17-2131	Materials Engineers	57	54	-3	-5.3%	0	1	1	\$30.67	Bachelor's degree
17-2141	Mechanical Engineers	755	761	6	0.8%	1	22	23	\$30.42	Bachelor's degree
17-2161	Nuclear Engineers	238	248	10	4.2%	1	5	6	\$30.64	Bachelor's degree
17-2199	Engineers, All Other	610	505	-105	-17.2%	0	12	12	NA	Bachelor's degree
17-3011	Architectural and Civil Drafters	566	581	15	2.7%	2	17	19	\$15.97	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	75	79	4	5.3%	0	2	2	\$18.72	Postsecondary vocational training
17-3013	Mechanical Drafters	285	312	27	9.5%	3	9	12	\$18.13	Postsecondary vocational training
17-3022	Civil Engineering Technicians	530	501	-29	-5.5%	0	11	11	\$17.67	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	562	535	-27	-4.8%	0	11	11	\$21.41	Associate degree
17-3024	Electro-Mechanical Technicians	563	547	-16	-2.8%	0	11	11	\$19.84	Associate degree
17-3025	Environmental Engineering Technicians	68	74	6	8.8%	1	1	2	\$17.48	Associate degree
17-3026	Industrial Engineering Technicians	153	153	0	0.0%	0	3	3	\$17.82	Associate degree
17-3027	Mechanical Engineering Technicians	111	112	1	0.9%	0	2	2	\$19.11	Associate degree
17-3031	Surveying and Mapping Technicians	291	291	0	0.0%	0	9	9	\$14.41	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	750	744	-6	-0.8%	0	16	16	\$23.84	Associate degree
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>4,722</b>	<b>5,445</b>	<b>723</b>	<b>15.3%</b>	<b>73</b>	<b>137</b>	<b>210</b>	<b>\$21.03</b>	<b>NA</b>
19-1010	Agricultural and Food Scientists	174	190	16	9.2%	2	6	8	\$21.04	Bachelor's degree
19-1021	Biochemists and Biophysicists	54	61	7	13.0%	1	2	3	\$25.89	Doctoral degree
19-1022	Microbiologists	58	68	10	17.2%	1	2	3	\$21.46	Doctoral degree
19-1023	Zoologists and Wildlife Biologists	186	206	20	10.8%	2	7	9	\$20.29	Doctoral degree
19-1031	Conservation Scientists	223	239	16	7.2%	2	7	9	\$36.20	Bachelor's degree
19-1032	Foresters	184	191	7	3.8%	1	6	7	\$20.73	Bachelor's degree
19-1041	Epidemiologists	16	16	0	0.0%	0	0	0	\$23.01	Doctoral degree
19-1042	Medical Scientists, Except Epidemiologists	66	72	6	9.1%	1	2	3	\$19.40	Doctoral degree
19-1099	Life Scientists, All Other	147	172	25	17.0%	3	5	8	\$27.16	Bachelor's degree
19-2012	Physicists	18	18	0	0.0%	0	1	1	\$32.57	Doctoral degree

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		2000	2010	Net	Percent	Growth	Replacement	Total		
19-2021	Atmospheric and Space Scientists	36	39	3	8.3%	0	1	1	\$27.30	Bachelor's degree
19-2031	Chemists	139	149	10	7.2%	1	4	5	\$22.96	Bachelor's degree
19-2032	Materials Scientists	21	24	3	14.3%	0	1	1	\$19.24	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	443	487	44	9.9%	4	14	18	\$19.84	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	95	113	18	18.9%	2	3	5	\$22.32	Bachelor's degree
19-2043	Hydrologists	68	94	26	38.2%	3	2	5	\$22.05	Bachelor's degree
19-2099	Physical Scientists, All Other	37	41	4	10.8%	0	2	2	\$23.52	Bachelor's degree
19-3011	Economists	104	116	12	11.5%	1	2	3	\$20.68	Bachelor's degree
19-3021	Market Research Analysts	250	279	29	11.6%	3	6	9	\$20.17	Bachelor's degree
19-3022	Survey Researchers	23	28	5	21.7%	1	1	2	\$14.75	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	770	1,017	247	32.1%	25	18	43	\$27.25	Master's degree
19-3032	Industrial-Organizational Psychologists	27	24	-3	-11.1%	0	1	1	NA	Master's degree
19-3051	Urban and Regional Planners	135	155	20	14.8%	2	3	5	\$20.68	Master's degree
19-3093	Historians	12	12	0	0.0%	0	0	0	\$18.97	Master's degree
19-3099	Social Scientists and Related Workers, All Other	142	154	12	8.5%	1	3	4	\$19.95	Master's degree
19-4011	Agricultural and Food Science Technicians	27	28	1	3.7%	0	1	1	\$11.57	Associate degree
19-4021	Biological Technicians	403	481	78	19.4%	8	9	17	\$15.24	Associate degree
19-4031	Chemical Technicians	165	169	4	2.4%	0	4	4	\$14.60	Associate degree
19-4041	Geological and Petroleum Technicians	53	79	26	49.1%	3	1	4	\$24.31	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	165	189	24	14.5%	2	6	8	\$13.13	Associate degree
19-4092	Forensic Science Technicians	28	29	1	3.6%	0	1	1	\$16.09	Associate degree
19-4093	Forest and Conservation Technicians	44	47	3	6.8%	0	2	2	\$12.66	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	350	373	23	6.6%	2	13	15	\$17.38	Associate degree
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>12,477</b>	<b>16,899</b>	<b>4,422</b>	<b>35.4%</b>	<b>443</b>	<b>215</b>	<b>658</b>	<b>\$15.07</b>	<b>NA</b>
21-1011	Substance Abuse and Behavioral Disorder Counselors	329	488	159	48.3%	16	7	23	\$15.72	Master's degree
21-1012	Educational, Vocational, and School Counselors	1,263	1,465	202	16.0%	20	26	46	\$19.64	Master's degree
21-1013	Marriage and Family Therapists	87	140	53	60.9%	5	2	7	\$15.32	Master's degree
21-1014	Mental Health Counselors	626	922	296	47.3%	30	13	43	\$15.78	Master's degree
21-1015	Rehabilitation Counselors	878	1,198	320	36.4%	32	18	50	\$11.05	Master's degree
21-1021	Child, Family, and School Social Workers	2,127	2,824	697	32.8%	70	24	94	\$15.69	Bachelor's degree
21-1022	Medical and Public Health Social Workers	559	798	239	42.8%	24	6	30	\$17.28	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	973	1,447	474	48.7%	47	11	58	\$16.18	Master's degree
21-1091	Health Educators	346	467	121	35.0%	12	5	17	\$22.61	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	503	646	143	28.4%	14	8	22	\$14.20	Bachelor's degree
21-1093	Social and Human Service Assistants	2,128	3,713	1,585	74.5%	159	32	191	\$11.36	Moderate-term on-the-job training
21-2011	Clergy	1,766	1,811	45	2.5%	5	48	53	\$18.46	Master's degree
21-2021	Directors, Religious Activities and Education	378	391	13	3.4%	1	6	7	NA	Bachelor's degree
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	514	589	75	14.6%	8	9	17	\$12.85	Bachelor's degree

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		2000	2010	Net	Percent	Growth	Replacement	Total		
<b>23-0000</b>	<b>Legal Occupations</b>	<b>4,398</b>	<b>4,714</b>	<b>316</b>	<b>7.2%</b>	<b>32</b>	<b>35</b>	<b>67</b>	<b>\$29.22</b>	<b>NA</b>
23-1011	Lawyers	2,895	3,064	169	5.8%	17	20	37	\$38.06	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	114	111	-3	-2.6%	0	3	3	\$23.17	Bachelor's degree plus work experience
23-1022	Arbitrators, Mediators, and Conciliators	15	16	1	6.7%	0	0	0	\$21.90	Bachelor's degree plus work experience
23-1023	Judges, Magistrate Judges, and Magistrates	82	80	-2	-2.4%	0	2	2	\$42.31	Bachelor's degree plus work experience
23-2011	Paralegals and Legal Assistants	868	937	69	7.9%	7	5	12	\$15.65	Associate degree
23-2091	Court Reporters	103	151	48	46.6%	5	1	6	\$25.16	Postsecondary vocational training
23-2092	Law Clerks	67	64	-3	-4.5%	0	1	1	\$17.56	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	88	101	13	14.8%	1	1	2	\$16.13	Moderate-term on-the-job training
23-9099	Legal and Related Workers, All Other (OES Only)	166	190	24	14.5%	2	2	4	\$16.68	Bachelor's degree
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>43,622</b>	<b>48,220</b>	<b>4,598</b>	<b>10.5%</b>	<b>461</b>	<b>961</b>	<b>1,422</b>	<b>\$33,670</b>	<b>NA</b>
25-1011	Business Teachers, Postsecondary	265	324	59	22.3%	6	7	13	\$47,360	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	107	131	24	22.4%	2	3	5	\$47,089	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	178	218	40	22.5%	4	5	9	\$48,320	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	109	133	24	22.0%	2	3	5	\$62,660	Doctoral degree
25-1041	Agricultural Sciences Teachers, Postsecondary	55	67	12	21.8%	1	2	3	NA	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	134	164	30	22.4%	3	4	7	\$54,275	Doctoral degree
25-1043	Forestry and Conservation Science Teachers, Postsecondary	32	39	7	21.9%	1	1	2	\$53,740	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	97	119	22	22.7%	2	3	5	\$61,997	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	43	53	10	23.3%	1	1	2	\$50,633	Doctoral degree
25-1053	Environmental Science Teachers, Postsecondary	13	16	3	23.1%	0	0	0	\$46,247	Doctoral degree
25-1054	Physics Teachers, Postsecondary	38	47	9	23.7%	1	1	2	\$53,378	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	24	29	5	20.8%	1	1	2	\$55,874	Doctoral degree
25-1063	Economics Teachers, Postsecondary	50	61	11	22.0%	1	1	2	\$63,587	Doctoral degree
25-1064	Geography Teachers, Postsecondary	13	16	3	23.1%	0	0	0	\$41,846	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	74	90	16	21.6%	2	2	4	\$53,595	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	87	106	19	21.8%	2	2	4	\$53,983	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	55	67	12	21.8%	1	2	3	\$50,750	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	119	143	24	20.2%	2	3	5	\$44,494	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	167	202	35	21.0%	4	5	9	\$50,296	Master's degree
25-1081	Education Teachers, Postsecondary	277	338	61	22.0%	6	8	14	\$44,536	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	16	20	4	25.0%	0	0	0	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	26	32	6	23.1%	1	1	2	\$46,996	Doctoral degree
25-1112	Law Teachers, Postsecondary	49	60	11	22.4%	1	1	2	\$73,726	Doctoral degree
25-1113	Social Work Teachers, Postsecondary	41	50	9	22.0%	1	1	2	\$49,398	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	183	223	40	21.9%	4	5	9	\$48,662	Doctoral degree
25-1122	Communications Teachers, Postsecondary	50	61	11	22.0%	1	1	2	\$47,715	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	247	302	55	22.3%	6	7	13	\$45,243	Doctoral degree



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		2000	2010	Net	Percent	Growth	Replacement	Total		
25-1124	Foreign Language and Literature Teachers, Postsecondary	42	52	10	23.8%	1	1	2	\$47,548	Doctoral degree
25-1125	History Teachers, Postsecondary	69	85	16	23.2%	2	2	4	\$50,972	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	57	69	12	21.1%	1	2	3	\$42,404	Doctoral degree
25-1191	Graduate Teaching Assistants	726	889	163	22.5%	16	20	36	\$13,600	Bachelor's degree
25-1192	Home Economics Teachers, Postsecondary	12	15	3	25.0%	0	0	0	\$52,462	Doctoral degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	79	96	17	21.5%	2	2	4	\$49,497	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	769	896	127	16.5%	13	21	34	\$18.49	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	892	1,093	201	22.5%	20	24	44	\$51,230	Doctoral degree
25-2011	Preschool Teachers, Except Special Education	2,025	2,241	216	10.7%	22	25	47	\$9.98	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	899	925	26	2.9%	3	11	14	\$36,185	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	5,808	5,980	172	3.0%	17	132	149	\$37,516	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	4,154	4,145	-9	-0.2%	0	95	95	\$38,135	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	120	124	4	3.3%	0	3	3	\$38,446	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	7,573	8,186	613	8.1%	61	231	292	\$39,075	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	320	332	12	3.8%	1	10	11	\$41,464	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,216	1,515	299	24.6%	30	15	45	\$37,420	Bachelor's degree
25-2042	Special Education Teachers, Middle School	695	789	94	13.5%	9	9	18	\$35,333	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	814	926	112	13.8%	11	10	21	\$38,097	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	172	191	19	11.0%	2	2	4	\$17.12	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,468	1,734	266	18.1%	27	15	42	\$13.68	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	2,869	3,191	322	11.2%	32	29	61	\$22,556	Bachelor's degree
25-4010	Archivists, Curators, and Museum Technicians	121	147	26	21.5%	3	3	6	\$17.49	Master's degree
25-4021	Librarians	793	812	19	2.4%	2	16	18	\$18.17	Master's degree
25-4031	Library Technicians	912	1,069	157	17.2%	16	41	57	\$10.91	Short-term on-the-job training
25-9011	Audio-Visual Collections Specialists	13	15	2	15.4%	0	0	0	\$13.82	Moderate-term on-the-job training
25-9021	Farm and Home Management Advisors	78	80	2	2.6%	0	1	1	\$24.98	Bachelor's degree
25-9031	Instructional Coordinators	296	356	60	20.3%	6	4	10	\$21.77	Master's degree
25-9041	Teacher Assistants	7,770	8,775	1,005	12.9%	101	162	263	\$10.73	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	276	339	63	22.8%	6	4	10	\$13.84	Bachelor's degree
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>9,763</b>	<b>10,555</b>	<b>792</b>	<b>8.1%</b>	<b>102</b>	<b>180</b>	<b>282</b>	<b>\$15.83</b>	<b>NA</b>
27-1011	Art Directors	36	40	4	11.1%	0	1	1	\$21.23	Bachelor's degree plus work experience
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	565	691	126	22.3%	13	12	25	\$19.72	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	239	236	-3	-1.3%	0	5	5	\$18.48	Bachelor's degree
27-1022	Fashion Designers	18	21	3	16.7%	0	0	0	\$22.76	Bachelor's degree
27-1023	Floral Designers	635	714	79	12.4%	8	6	14	\$9.90	Moderate-term on-the-job training
27-1024	Graphic Designers	625	816	191	30.6%	19	6	25	\$17.11	Bachelor's degree
27-1025	Interior Designers	126	135	9	7.1%	1	1	2	\$18.34	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	491	500	9	1.8%	1	5	6	\$9.15	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
27-1027	Set and Exhibit Designers	28	34	6	21.4%	1	0	1	\$14.12	Bachelor's degree
27-1099	Art and Design Workers, All Other (OES Only)	129	134	5	3.9%	1	2	3	\$15.08	Bachelor's degree
27-2011	Actors	86	105	19	22.1%	2	2	4	\$25,189	Long-term on-the-job training
27-2012	Producers and Directors	290	300	10	3.4%	1	6	7	\$33,190	Bachelor's degree plus work experience
27-2022	Coaches and Scouts	1,250	1,293	43	3.4%	4	25	29	\$35,442	Long-term on-the-job training
27-2031	Dancers	69	71	2	2.9%	0	1	1	NA	Long-term on-the-job training
27-2032	Choreographers	26	27	1	3.8%	0	1	1	\$19.12	Work experience in a related occupation
27-2041	Music Directors and Composers	86	90	4	4.7%	0	2	2	NA	Bachelor's degree plus work experience
27-2042	Musicians and Singers	306	358	52	17.0%	5	6	11	NA	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	88	110	22	25.0%	2	2	4	\$23,153	Long-term on-the-job training
27-3010	Announcers	459	390	-69	-15.0%	0	7	7	\$12.22	Long-term on-the-job training
27-3020	News Analysts, Reporters and Correspondents	407	389	-18	-4.4%	0	13	13	\$14.34	Long-term on-the-job training
27-3031	Public Relations Specialists	306	397	91	29.7%	9	5	14	\$19.01	Bachelor's degree
27-3041	Editors	591	735	144	24.4%	14	19	33	\$16.59	Bachelor's degree
27-3042	Technical Writers	129	133	4	3.1%	0	4	4	\$22.98	Bachelor's degree
27-3043	Writers and Authors	498	546	48	9.6%	5	8	13	\$17.90	Bachelor's degree
27-3091	Interpreters and Translators	168	253	85	50.6%	9	3	12	\$18.69	Long-term on-the-job training
27-3099	Media and Communication Workers, All Other	210	228	18	8.6%	2	4	6	\$26.65	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	22	22	0	0.0%	0	1	1	\$13.10	Long-term on-the-job training
27-4012	Broadcast Technicians	120	106	-14	-11.7%	0	4	4	\$11.65	Postsecondary vocational training
27-4013	Radio Operators	11	10	-1	-9.1%	0	0	0	\$14.68	Long-term on-the-job training
27-4014	Sound Engineering Technicians	54	35	-19	-35.2%	0	2	2	\$14.93	Postsecondary vocational training
27-4021	Photographers	531	578	47	8.9%	5	11	16	\$11.11	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	158	139	-19	-12.0%	0	3	3	\$9.54	Moderate-term on-the-job training
27-4032	Film and Video Editors	139	72	-67	-48.2%	0	3	3	\$13.12	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	14	17	3	21.4%	0	1	1	\$22.24	Moderate-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>33,266</b>	<b>40,757</b>	<b>7,491</b>	<b>22.5%</b>	<b>751</b>	<b>725</b>	<b>1,476</b>	<b>\$23.85</b>	<b>NA</b>
29-1011	Chiropractors	300	361	61	20.3%	6	5	11	NA	First professional degree
29-1020	Dentists	725	755	30	4.1%	3	16	19	\$41.37	First professional degree
29-1031	Dietitians and Nutritionists	252	277	25	9.9%	3	7	10	\$14.90	Bachelor's degree
29-1041	Optometrists	317	354	37	11.7%	4	6	10	\$39.99	First professional degree
29-1051	Pharmacists	966	1,132	166	17.2%	17	29	46	\$35.12	First professional degree
29-1061	Anesthesiologists	114	140	26	22.8%	3	2	5	\$64.16	First professional degree
29-1062	Family and General Practitioners	637	770	133	20.9%	13	9	22	\$52.32	First professional degree
29-1063	Internists, General	328	403	75	22.9%	8	5	13	\$57.60	First professional degree
29-1064	Obstetricians and Gynecologists	94	118	24	25.5%	2	1	3	\$67.82	First professional degree
29-1065	Pediatricians, General	103	124	21	20.4%	2	2	4	\$54.88	First professional degree
29-1066	Psychiatrists	145	209	64	44.1%	6	2	8	\$63.59	First professional degree

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29-1067	Surgeons	411	524	113	27.5%	11	6	17	\$69.67	First professional degree
29-1069	Physicians and Surgeons, All Other	1,021	1,165	144	14.1%	14	15	29	NA	First professional degree
29-1071	Physician Assistants	532	843	311	58.5%	31	12	43	\$35.68	Bachelor's degree
29-1081	Podiatrists	16	15	-1	-6.3%	0	0	0	NA	First professional degree
29-1111	Registered Nurses	12,182	14,903	2,721	22.3%	272	246	518	\$21.67	Associate degree
29-1121	Audiologists	28	39	11	39.3%	1	1	2	\$22.98	Master's degree
29-1122	Occupational Therapists	441	556	115	26.1%	12	11	23	\$23.49	Bachelor's degree
29-1123	Physical Therapists	808	1,065	257	31.8%	26	20	46	\$23.60	Master's degree
29-1124	Radiation Therapists	61	70	9	14.8%	1	1	2	\$20.15	Associate degree
29-1125	Recreational Therapists	209	234	25	12.0%	3	5	8	\$12.93	Bachelor's degree
29-1126	Respiratory Therapists	400	522	122	30.5%	12	10	22	\$18.91	Associate degree
29-1127	Speech-Language Pathologists	674	874	200	29.7%	20	17	37	\$20.77	Master's degree
29-1131	Veterinarians	324	389	65	20.1%	7	6	13	\$27.65	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	232	295	63	27.2%	6	5	11	\$40.64	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	853	1,007	154	18.1%	15	20	35	\$19.25	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	554	667	113	20.4%	11	13	24	\$13.85	Associate degree
29-2021	Dental Hygienists	934	1,275	341	36.5%	34	14	48	\$23.49	Associate degree
29-2031	Cardiovascular Technologists and Technicians	214	273	59	27.6%	6	5	11	\$15.45	Associate degree
29-2032	Diagnostic Medical Sonographers	124	154	30	24.2%	3	3	6	\$21.97	Associate degree
29-2033	Nuclear Medicine Technologists	71	77	6	8.5%	1	2	3	\$21.26	Associate degree
29-2034	Radiologic Technologists and Technicians	818	944	126	15.4%	13	18	31	\$17.61	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	1,297	1,597	300	23.1%	30	33	63	\$10.74	Postsecondary vocational training
29-2051	Dietetic Technicians	137	178	41	29.9%	4	4	8	\$11.01	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	1,185	1,549	364	30.7%	36	31	67	\$9.67	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	360	363	3	0.8%	0	9	9	\$11.14	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	53	67	14	26.4%	1	1	2	\$16.09	Postsecondary vocational training
29-2055	Surgical Technologists	262	304	42	16.0%	4	7	11	\$13.64	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	321	396	75	23.4%	8	8	16	\$11.10	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	2,340	2,707	367	15.7%	37	60	97	\$14.04	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	814	1,203	389	47.8%	39	18	57	\$11.21	Associate degree
29-2081	Opticians, Dispensing	179	206	27	15.1%	3	3	6	\$12.85	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	55	52	-3	-5.5%	0	2	2	\$19.20	Bachelor's degree
29-9010	Occupational Health and Safety Specialists and Technicians	199	227	28	14.1%	3	5	8	\$20.61	Bachelor's degree
29-9091	Athletic Trainers	44	50	6	13.6%	1	1	2	\$32,420	Bachelor's degree
29-9199	Health Professionals and Technicians, All Other	1,132	1,324	192	17.0%	19	29	48	\$18.66	Associate degree
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>19,298</b>	<b>24,242</b>	<b>4,944</b>	<b>25.6%</b>	<b>495</b>	<b>307</b>	<b>802</b>	<b>\$9.96</b>	<b>NA</b>
31-1011	Home Health Aides	4,234	6,262	2,028	47.9%	203	54	257	\$8.94	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	9,712	10,484	772	7.9%	77	124	201	\$9.37	Short-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
31-1013	Psychiatric Aides	425	586	161	37.9%	16	5	21	\$11.04	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	67	91	24	35.8%	2	2	4	\$15.05	Associate degree
31-2012	Occupational Therapist Aides	49	74	25	51.0%	3	1	4	\$10.96	Short-term on-the-job training
31-2021	Physical Therapist Assistants	226	333	107	47.3%	11	7	18	\$16.78	Associate degree
31-2022	Physical Therapist Aides	114	146	32	28.1%	3	3	6	\$9.87	Short-term on-the-job training
31-9011	Massage Therapists	69	97	28	40.6%	3	2	5	\$14.97	Postsecondary vocational training
31-9091	Dental Assistants	857	1,172	315	36.8%	32	15	47	\$11.81	Moderate-term on-the-job training
31-9092	Medical Assistants	1,358	2,238	880	64.8%	88	36	124	\$11.90	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	200	221	21	10.5%	2	5	7	\$10.74	Short-term on-the-job training
31-9094	Medical Transcriptionists	724	998	274	37.8%	27	19	46	\$12.28	Postsecondary vocational training
31-9095	Pharmacy Aides	79	89	10	12.7%	1	2	3	\$8.09	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	481	590	109	22.7%	11	13	24	\$10.05	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	703	861	158	22.5%	16	19	35	\$11.41	Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>11,110</b>	<b>13,229</b>	<b>2,119</b>	<b>19.1%</b>	<b>216</b>	<b>303</b>	<b>519</b>	<b>\$12.83</b>	<b>NA</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	37	43	6	16.2%	1	1	2	\$19.01	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	514	583	69	13.4%	7	14	21	\$21.31	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	262	280	18	6.9%	2	8	10	\$18.98	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	202	247	45	22.3%	5	6	11	\$16.74	Work experience in a related occupation
33-2011	Fire Fighters	1,557	1,673	116	7.5%	12	40	52	\$12.57	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	49	54	5	10.2%	1	1	2	\$16.15	Work experience in a related occupation
33-2022	Forest Fire Inspectors and Prevention Specialists	79	84	5	6.3%	1	2	3	\$17.98	Work experience in a related occupation
33-3011	Bailiffs	75	85	10	13.3%	1	2	3	\$10.34	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,629	1,967	338	20.7%	34	40	74	\$11.62	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	377	440	63	16.7%	6	9	15	\$19.95	Work experience in a related occupation
33-3031	Fish and Game Wardens	131	141	10	7.6%	1	2	3	\$17.34	Long-term on-the-job training
33-3041	Parking Enforcement Workers	37	42	5	13.5%	1	0	1	\$12.38	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	2,442	3,031	589	24.1%	59	52	111	\$14.28	Long-term on-the-job training
33-3052	Transit and Railroad Police	46	47	1	2.2%	0	1	1	\$20.49	Long-term on-the-job training
33-9011	Animal Control Workers	46	52	6	13.0%	1	4	5	\$9.44	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	155	207	52	33.5%	5	4	9	\$15.25	Work experience in a related occupation
33-9032	Security Guards	2,630	3,245	615	23.4%	62	72	134	\$9.13	Short-term on-the-job training
33-9091	Crossing Guards	460	575	115	25.0%	12	16	28	\$7.56	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	382	433	51	13.4%	5	29	34	\$12.67	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>53,233</b>	<b>56,227</b>	<b>2,994</b>	<b>5.6%</b>	<b>395</b>	<b>2,389</b>	<b>2,784</b>	<b>\$8.10</b>	<b>NA</b>
35-1011	Chefs and Head Cooks	848	846	-2	-0.2%	0	26	26	\$13.13	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	3,382	3,526	144	4.3%	14	85	99	\$10.64	Work experience in a related occupation
35-2011	Cooks, Fast Food	3,326	2,976	-350	-10.5%	0	95	95	\$7.03	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,707	2,744	37	1.4%	4	77	81	\$9.56	Long-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
35-2013	Cooks, Private Household	71	71	0	0.0%	0	2	2	NA	Long-term on-the-job training
35-2014	Cooks, Restaurant	3,328	3,649	321	9.6%	32	95	127	\$9.35	Long-term on-the-job training
35-2015	Cooks, Short Order	1,204	1,252	48	4.0%	5	34	39	\$8.74	Short-term on-the-job training
35-2021	Food Preparation Workers	6,122	6,746	624	10.2%	62	236	298	\$8.14	Short-term on-the-job training
35-3011	Bartenders	2,976	3,116	140	4.7%	14	117	131	\$8.07	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	11,906	13,694	1,788	15.0%	179	729	908	\$7.18	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,261	2,591	330	14.6%	33	175	208	\$7.55	Short-term on-the-job training
35-3031	Waiters and Waitresses	8,623	9,068	445	5.2%	45	485	530	\$8.04	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	886	950	64	7.2%	6	39	45	\$7.87	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,281	1,116	-165	-12.9%	0	43	43	\$7.22	Short-term on-the-job training
35-9021	Dishwashers	2,744	2,315	-429	-15.6%	0	103	103	\$6.95	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,369	1,382	13	0.9%	1	41	42	\$7.61	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	199	185	-14	-7.0%	0	7	7	\$9.35	Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>24,527</b>	<b>26,947</b>	<b>2,420</b>	<b>9.9%</b>	<b>245</b>	<b>504</b>	<b>749</b>	<b>\$9.72</b>	<b>NA</b>
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	972	1,049	77	7.9%	8	26	34	\$12.81	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	652	685	33	5.1%	3	4	7	\$14.02	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,873	11,611	738	6.8%	74	197	271	\$9.87	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,256	7,943	687	9.5%	69	158	227	\$8.30	Short-term on-the-job training
37-2021	Pest Control Workers	55	64	9	16.4%	1	1	2	\$11.76	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	4,189	5,057	868	20.7%	87	105	192	\$9.83	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	140	122	-18	-12.9%	0	4	4	\$10.78	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	165	161	-4	-2.4%	0	4	4	\$12.92	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	225	255	30	13.3%	3	5	8	\$11.50	Short-term on-the-job training
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>19,776</b>	<b>25,703</b>	<b>5,927</b>	<b>30.0%</b>	<b>596</b>	<b>522</b>	<b>1,118</b>	<b>\$8.83</b>	<b>NA</b>
39-1021	First-Line Supervisors/Managers of Personal Service Workers	625	810	185	29.6%	19	17	36	\$12.43	Work experience in a related occupation
39-2011	Animal Trainers	33	42	9	27.3%	1	1	2	\$14.47	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	659	865	206	31.3%	21	14	35	\$8.17	Short-term on-the-job training
39-3021	Motion Picture Projectionists	84	74	-10	-11.9%	0	2	2	\$7.79	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	285	376	91	31.9%	9	23	32	\$8.00	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	1,252	1,650	398	31.8%	40	42	82	\$8.34	Short-term on-the-job training
39-4011	Embalmers	14	14	0	0.0%	0	0	0	\$17.67	Postsecondary vocational training
39-4021	Funeral Attendants	143	173	30	21.0%	3	3	6	\$9.96	Short-term on-the-job training
39-5011	Barbers	239	232	-7	-2.9%	0	7	7	\$11.68	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,841	2,988	147	5.2%	15	70	85	\$9.25	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	13	14	1	7.7%	0	0	0	NA	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	111	137	26	23.4%	3	4	7	\$13.79	Short-term on-the-job training
39-6012	Concierges	20	23	3	15.0%	0	1	1	\$9.20	Work experience in a related occupation
39-6021	Tour Guides and Escorts	156	187	31	19.9%	3	5	8	\$7.48	Moderate-term on-the-job training

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39-6022	Travel Guides	15	16	1	6.7%	0	0	0	NA	Long-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	44	57	13	29.5%	1	2	3	\$9.50	Short-term on-the-job training
39-9011	Child Care Workers	5,790	6,671	881	15.2%	88	197	285	\$7.90	Short-term on-the-job training
39-9021	Personal and Home Care Aides	4,515	7,859	3,344	74.1%	334	69	403	\$8.40	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	634	829	195	30.8%	20	13	33	\$11.41	Postsecondary vocational training
39-9032	Recreation Workers	973	1,146	173	17.8%	17	20	37	\$9.52	Bachelor's degree
39-9041	Residential Advisors	415	515	100	24.1%	10	9	19	\$9.99	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	694	800	106	15.3%	11	16	27	\$7.17	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>68,703</b>	<b>74,279</b>	<b>5,576</b>	<b>8.1%</b>	<b>576</b>	<b>2,182</b>	<b>2,758</b>	<b>\$12.32</b>	<b>NA</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	9,801	10,558	757	7.7%	76	142	218	\$14.40	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,678	1,788	110	6.6%	11	25	36	\$21.13	Work experience in a related occupation
41-2011	Cashiers	16,991	18,568	1,577	9.3%	158	771	929	\$7.53	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	36	49	13	36.1%	1	2	3	\$7.12	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1,587	1,935	348	21.9%	35	72	107	\$9.35	Short-term on-the-job training
41-2022	Parts Salespersons	1,358	1,233	-125	-9.2%	0	40	40	\$11.10	Moderate-term on-the-job training
41-2031	Retail Salespersons	17,394	18,424	1,030	5.9%	103	662	765	\$9.46	Short-term on-the-job training
41-3011	Advertising Sales Agents	719	804	85	11.8%	9	15	24	\$19.02	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	2,051	2,046	-5	-0.2%	0	52	52	\$20.05	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	656	955	299	45.6%	30	5	35	\$34.33	Bachelor's degree
41-3041	Travel Agents	468	538	70	15.0%	7	11	18	\$12.28	Postsecondary vocational training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,600	1,647	47	2.9%	5	43	48	\$28.96	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,002	6,022	20	0.3%	2	163	165	\$21.67	Moderate-term on-the-job training
41-9011	Demonstrators and Product Promoters	231	249	18	7.8%	2	8	10	\$10.76	Moderate-term on-the-job training
41-9012	Models	16	18	2	12.5%	0	1	1	\$11.63	Moderate-term on-the-job training
41-9021	Real Estate Brokers	761	737	-24	-3.2%	0	13	13	\$35.09	Work experience in a related occupation
41-9022	Real Estate Sales Agents	714	697	-17	-2.4%	0	12	12	\$13.31	Postsecondary vocational training
41-9031	Sales Engineers	105	103	-2	-1.9%	0	3	3	\$32.79	Bachelor's degree
41-9041	Telemarketers	3,697	4,717	1,020	27.6%	102	76	178	\$11.14	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	881	890	9	1.0%	1	23	24	\$14.21	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	1,957	2,301	344	17.6%	34	43	77	\$16.29	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>101,928</b>	<b>106,392</b>	<b>4,464</b>	<b>4.4%</b>	<b>734</b>	<b>2,170</b>	<b>2,904</b>	<b>\$11.85</b>	<b>NA</b>
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5,513	5,840	327	5.9%	33	107	140	\$16.25	Work experience in a related occupation
43-2011	Switchboard Operators, Including Answering Service	967	735	-232	-24.0%	0	29	29	\$10.01	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	37	28	-9	-24.3%	0	1	1	\$14.76	Short-term on-the-job training
43-3011	Bill and Account Collectors	1,713	2,100	387	22.6%	39	43	82	\$12.71	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,434	2,703	269	11.1%	27	60	87	\$11.32	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,257	10,130	-127	-1.2%	0	195	195	\$12.13	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	918	877	-41	-4.5%	0	27	27	\$12.76	Short-term on-the-job training

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SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
43-3061	Procurement Clerks	326	270	-56	-17.2%	0	7	7	\$14.49	Short-term on-the-job training
43-3071	Tellers	2,696	2,806	110	4.1%	11	130	141	\$9.09	Short-term on-the-job training
43-4011	Brokerage Clerks	129	149	20	15.5%	2	2	4	\$14.46	Moderate-term on-the-job training
43-4021	Correspondence Clerks	126	128	2	1.6%	0	4	4	\$12.22	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	813	900	87	10.7%	9	13	22	\$12.72	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	135	138	3	2.2%	0	1	1	\$12.32	Short-term on-the-job training
43-4051	Customer Service Representatives	7,823	9,343	1,520	19.4%	152	66	218	\$12.16	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	591	522	-69	-11.7%	0	17	17	\$14.03	Moderate-term on-the-job training
43-4071	File Clerks	838	883	45	5.4%	5	27	32	\$8.73	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,560	1,924	364	23.3%	36	68	104	\$8.54	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	536	637	101	18.8%	10	11	21	\$9.32	Short-term on-the-job training
43-4121	Library Assistants, Clerical	305	363	58	19.0%	6	14	20	\$8.86	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	678	538	-140	-20.6%	0	5	5	\$11.43	Short-term on-the-job training
43-4141	New Accounts Clerks	390	454	64	16.4%	6	8	14	\$11.60	Work experience in a related occupation
43-4151	Order Clerks	1,640	1,294	-346	-21.1%	0	35	35	\$11.04	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	583	662	79	13.6%	8	13	21	\$13.54	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	4,505	5,404	899	20.0%	90	99	189	\$9.44	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	318	365	47	14.8%	5	9	14	\$10.95	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	1,145	1,225	80	7.0%	8	15	23	\$10.98	Short-term on-the-job training
43-5011	Cargo and Freight Agents	115	104	-11	-9.6%	0	2	2	\$13.99	Moderate-term on-the-job training
43-5021	Couriers and Messengers	302	282	-20	-6.6%	0	8	8	\$9.42	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	807	918	111	13.8%	11	13	24	\$11.96	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	692	777	85	12.3%	9	11	20	\$13.48	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	270	155	-115	-42.6%	0	7	7	\$13.38	Short-term on-the-job training
43-5051	Postal Service Clerks	633	670	37	5.8%	4	14	18	\$18.08	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,637	1,737	100	6.1%	10	50	60	\$17.40	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,282	1,262	-20	-1.6%	0	28	28	\$14.88	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,048	1,047	-1	-0.1%	0	18	18	\$18.20	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	3,833	3,980	147	3.8%	15	77	92	\$10.83	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,192	7,268	76	1.1%	8	256	264	\$9.99	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	216	224	8	3.7%	1	5	6	\$12.36	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	55	53	-2	-3.6%	0	2	2	\$11.98	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	5,672	5,994	322	5.7%	32	97	129	\$14.15	Moderate-term on-the-job training
43-6012	Legal Secretaries	1,051	1,015	-36	-3.4%	0	18	18	\$15.03	Postsecondary vocational training
43-6013	Medical Secretaries	1,511	1,940	429	28.4%	43	26	69	\$12.07	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	8,874	8,491	-383	-4.3%	0	151	151	\$11.00	Moderate-term on-the-job training
43-9011	Computer Operators	809	643	-166	-20.5%	0	15	15	\$13.86	Moderate-term on-the-job training
43-9021	Data Entry Keyers	1,805	1,679	-126	-7.0%	0	29	29	\$9.81	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
43-9022	Word Processors and Typists	1,788	1,428	-360	-20.1%	0	36	36	\$10.87	Moderate-term on-the-job training
43-9031	Desktop Publishers	137	235	98	71.5%	10	3	13	\$13.54	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	1,549	1,068	-481	-31.1%	0	27	27	\$12.63	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	750	794	44	5.9%	4	22	26	\$10.88	Short-term on-the-job training
43-9061	Office Clerks, General	10,511	11,914	1,403	13.3%	140	202	342	\$10.43	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	244	211	-33	-13.5%	0	9	9	\$9.84	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	174	161	-13	-7.5%	0	6	6	\$11.00	Short-term on-the-job training
43-9111	Statistical Assistants	124	123	-1	-0.8%	0	1	1	\$19.07	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only)	1,772	1,742	-30	-1.7%	0	28	28	\$11.37	Short-term on-the-job training
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>7,510</b>	<b>6,871</b>	<b>-639</b>	<b>-8.5%</b>	<b>8</b>	<b>184</b>	<b>192</b>	<b>\$12.40</b>	<b>NA</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	331	350	19	5.7%	2	3	5	\$16.41	Moderate-term on-the-job training
45-2011	Agricultural Inspectors	76	82	6	7.9%	1	2	3	\$15.00	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	403	413	10	2.5%	1	9	10	\$8.72	Work experience in a related occupation
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	806	825	19	2.4%	2	27	29	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	398	412	14	3.5%	1	13	14	\$9.13	Moderate-term on-the-job training
45-2099	Agricultural Workers, All Other	39	40	1	2.6%	0	1	1	NA	Moderate-term on-the-job training
45-3011	Fishers and Related Fishing Workers	1,697	1,182	-515	-30.3%	0	54	54	NA	Moderate-term on-the-job training
45-4011	Forest and Conservation Workers	157	154	-3	-1.9%	0	4	4	\$12.23	Moderate-term on-the-job training
45-4021	Fallers	1,486	1,349	-137	-9.2%	0	28	28	\$17.31	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	1,720	1,687	-33	-1.9%	0	33	33	\$12.05	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	180	159	-21	-11.7%	0	3	3	\$13.97	Moderate-term on-the-job training
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	114	106	-8	-7.0%	0	4	4	\$10.96	Short-term on-the-job training
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>38,805</b>	<b>40,042</b>	<b>1,237</b>	<b>3.2%</b>	<b>148</b>	<b>749</b>	<b>897</b>	<b>\$14.44</b>	<b>NA</b>
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	3,338	3,542	204	6.1%	20	76	96	\$20.03	Work experience in a related occupation
47-2011	Boilermakers	114	93	-21	-18.4%	0	3	3	\$18.69	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	582	582	0	0.0%	0	11	11	\$16.00	Long-term on-the-job training
47-2022	Stonemasons	125	133	8	6.4%	1	2	3	\$16.27	Long-term on-the-job training
47-2031	Carpenters	9,055	9,512	457	5.0%	46	153	199	\$13.56	Long-term on-the-job training
47-2041	Carpet Installers	450	505	55	12.2%	6	8	14	\$12.54	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	35	38	3	8.6%	0	1	1	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	223	242	19	8.5%	2	4	6	\$18.82	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	349	319	-30	-8.6%	0	3	3	\$12.83	Long-term on-the-job training
47-2053	Terrazzo Workers and Finishers	54	49	-5	-9.3%	0	1	1	NA	Long-term on-the-job training
47-2061	Construction Laborers	2,961	3,052	91	3.1%	9	27	36	\$10.08	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	238	245	7	2.9%	1	5	6	\$11.98	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	1,846	1,786	-60	-3.3%	0	40	40	\$13.32	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	495	500	5	1.0%	1	5	6	\$14.09	Moderate-term on-the-job training
47-2082	Tapers	194	191	-3	-1.5%	0	2	2	\$15.35	Moderate-term on-the-job training



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		2000	2010	Net	Percent	Growth	Replacement	Total		
47-2111	Electricians	3,615	3,815	200	5.5%	20	68	88	\$17.74	Long-term on-the-job training
47-2121	Glaziers	63	58	-5	-7.9%	0	1	1	\$12.82	Long-term on-the-job training
47-2130	Insulation Workers	556	545	-11	-2.0%	0	17	17	\$14.01	Moderate-term on-the-job training
47-2141	Painters, Construction and Maintenance	3,395	3,533	138	4.1%	14	60	74	\$14.39	Moderate-term on-the-job training
47-2142	Paperhangers	267	278	11	4.1%	1	5	6	\$12.64	Moderate-term on-the-job training
47-2151	Pipelayers	247	257	10	4.0%	1	4	5	\$13.49	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,721	2,660	-61	-2.2%	0	45	45	\$16.71	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	89	90	1	1.1%	0	2	2	\$10.66	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	30	31	1	3.3%	0	0	0	\$18.67	Long-term on-the-job training
47-2181	Roofers	504	558	54	10.7%	5	12	17	\$11.73	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,170	1,237	67	5.7%	7	24	31	\$15.52	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	354	368	14	4.0%	1	4	5	\$15.74	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	325	331	6	1.8%	1	16	17	\$11.39	Short-term on-the-job training
47-3012	Helpers--Carpenters	514	511	-3	-0.6%	0	25	25	\$9.45	Short-term on-the-job training
47-3013	Helpers--Electricians	621	623	2	0.3%	0	31	31	\$11.63	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	88	88	0	0.0%	0	4	4	\$10.26	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	281	275	-6	-2.1%	0	14	14	\$9.81	Short-term on-the-job training
47-3016	Helpers--Roofers	79	87	8	10.1%	1	4	5	\$9.34	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	46	53	7	15.2%	1	2	3	\$9.81	Short-term on-the-job training
47-4011	Construction and Building Inspectors	200	208	8	4.0%	1	5	6	\$18.91	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	241	249	8	3.3%	1	8	9	\$20.96	Long-term on-the-job training
47-4031	Fence Erectors	19	17	-2	-10.5%	0	0	0	NA	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	138	148	10	7.2%	1	4	5	\$13.07	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	2,539	2,580	41	1.6%	4	38	42	\$12.21	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	96	90	-6	-6.3%	0	2	2	\$15.98	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	76	70	-6	-7.9%	0	2	2	\$15.56	Moderate-term on-the-job training
47-4999	Construction Trades and Related Workers, All Other (OES Only)	205	231	26	12.7%	3	4	7	\$13.28	Work experience in a related occupation
47-5021	Earth Drillers, Except Oil and Gas	166	160	-6	-3.6%	0	3	3	\$13.93	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	26	29	3	11.5%	0	1	1	\$20.56	Moderate-term on-the-job training
47-5049	Mining Machine Operators, All Other	14	14	0	0.0%	0	1	1	\$10.83	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	37	34	-3	-8.1%	0	2	2	\$8.70	Short-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>29,260</b>	<b>29,951</b>	<b>691</b>	<b>2.4%</b>	<b>139</b>	<b>642</b>	<b>781</b>	<b>\$15.51</b>	<b>NA</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,175	2,317	142	6.5%	14	57	71	\$22.09	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	525	531	6	1.1%	1	6	7	\$14.49	Postsecondary vocational training
49-2021	Radio Mechanics	32	19	-13	-40.6%	0	1	1	\$14.46	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	697	641	-56	-8.0%	0	13	13	\$21.76	Postsecondary vocational training
49-2091	Avionics Technicians	12	11	-1	-8.3%	0	0	0	NA	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	291	274	-17	-5.8%	0	7	7	\$16.91	Postsecondary vocational training

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49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	86	91	5	5.8%	1	2	3	\$15.27	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	270	265	-5	-1.9%	0	6	6	\$18.86	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	119	94	-25	-21.0%	0	2	2	\$19.61	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	13	14	1	7.7%	0	0	0	\$9.67	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	133	87	-46	-34.6%	0	3	3	\$12.13	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	110	159	49	44.5%	5	2	7	\$15.60	Postsecondary vocational training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	64	68	4	6.3%	0	2	2	\$16.88	Postsecondary vocational training
49-3011	Aircraft Mechanics and Service Technicians	235	256	21	8.9%	2	5	7	\$15.88	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	996	1,074	78	7.8%	8	25	33	\$14.67	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	121	128	7	5.8%	1	3	4	\$11.66	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,026	5,505	479	9.5%	48	119	167	\$12.94	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,463	1,577	114	7.8%	11	38	49	\$14.81	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	124	117	-7	-5.6%	0	3	3	\$9.59	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	725	779	54	7.4%	5	19	24	\$15.23	Postsecondary vocational training
49-3051	Motorboat Mechanics	439	427	-12	-2.7%	0	11	11	\$14.71	Long-term on-the-job training
49-3052	Motorcycle Mechanics	54	50	-4	-7.4%	0	1	1	\$10.55	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	273	291	18	6.6%	2	7	9	\$11.41	Moderate-term on-the-job training
49-3091	Bicycle Repairers	53	57	4	7.5%	0	2	2	\$10.25	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	70	90	20	28.6%	2	3	5	\$14.26	Long-term on-the-job training
49-3093	Tire Repairers and Changers	451	501	50	11.1%	5	17	22	\$8.98	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	331	336	5	1.5%	1	13	14	\$8.71	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	257	227	-30	-11.7%	0	8	8	\$20.68	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,887	1,994	107	5.7%	11	20	31	\$15.47	Long-term on-the-job training
49-9031	Home Appliance Repairers	131	141	10	7.6%	1	3	4	\$14.17	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,232	1,241	9	0.7%	1	33	34	\$17.88	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,950	5,754	-196	-3.3%	0	77	77	\$14.46	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	382	345	-37	-9.7%	0	10	10	\$15.65	Long-term on-the-job training
49-9044	Millwrights	698	592	-106	-15.2%	0	21	21	\$17.85	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	713	609	-104	-14.6%	0	23	23	\$19.99	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	488	515	27	5.5%	3	9	12	\$19.09	Long-term on-the-job training
49-9061	Camera and Photographic Equipment Repairers	15	15	0	0.0%	0	0	0	\$9.11	Moderate-term on-the-job training
49-9062	Medical Equipment Repairers	45	49	4	8.9%	0	1	1	\$18.60	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	96	99	3	3.1%	0	2	2	NA	Long-term on-the-job training
49-9064	Watch Repairers	21	19	-2	-9.5%	0	1	1	NA	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	225	193	-32	-14.2%	0	6	6	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	113	126	13	11.5%	1	3	4	\$11.01	Moderate-term on-the-job training
49-9093	Fabric Menders, Except Garment	41	40	-1	-2.4%	0	1	1	\$16.60	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	128	131	3	2.3%	0	4	4	\$13.59	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
49-9095	Manufactured Building and Mobile Home Installers	144	148	4	2.8%	0	3	3	\$11.39	Moderate-term on-the-job training
49-9096	Riggers	311	305	-6	-1.9%	0	6	6	\$16.92	Short-term on-the-job training
49-9097	Signal and Track Switch Repairers	23	24	1	4.3%	0	1	1	NA	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	421	469	48	11.4%	5	21	26	\$12.51	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,006	1,112	106	10.5%	11	21	32	\$13.75	Long-term on-the-job training
<b>51-0000</b>	<b>Production Occupations</b>	<b>57,136</b>	<b>54,809</b>	<b>-2,327</b>	<b>-4.1%</b>	<b>152</b>	<b>1,338</b>	<b>1,490</b>	<b>\$12.97</b>	<b>NA</b>
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,760	3,446	-314	-8.4%	0	99	99	\$20.52	Work experience in a related occupation
51-2021	Coil Winders, Tapers, and Finishers	139	133	-6	-4.3%	0	4	4	\$10.30	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	980	839	-141	-14.4%	0	25	25	\$10.11	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	233	251	18	7.7%	2	6	8	\$11.31	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	58	57	-1	-1.7%	0	1	1	\$16.26	Short-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	294	259	-35	-11.9%	0	5	5	\$12.52	Moderate-term on-the-job training
51-2092	Team Assemblers	3,639	3,552	-87	-2.4%	0	64	64	\$10.03	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	1,293	1,288	-5	-0.4%	0	23	23	\$9.35	Moderate-term on-the-job training
51-3011	Bakers	1,048	1,211	163	15.6%	16	17	33	\$9.79	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	714	614	-100	-14.0%	0	17	17	\$12.49	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	665	607	-58	-8.7%	0	16	16	\$9.13	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	23	22	-1	-4.3%	0	1	1	NA	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	44	40	-4	-9.1%	0	1	1	\$10.84	Short-term on-the-job training
51-3092	Food Batchmakers	246	243	-3	-1.2%	0	6	6	\$11.72	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	120	117	-3	-2.5%	0	2	2	\$11.53	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	379	310	-69	-18.2%	0	9	9	\$8.89	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	557	648	91	16.3%	9	20	29	\$15.45	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	119	136	17	14.3%	2	4	6	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	92	94	2	2.2%	0	2	2	\$12.74	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	35	42	7	20.0%	1	1	2	\$8.88	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	81	71	-10	-12.3%	0	3	3	\$14.18	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	770	727	-43	-5.6%	0	15	15	\$12.50	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	218	203	-15	-6.9%	0	7	7	\$13.24	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	224	228	4	1.8%	0	6	6	\$13.95	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	152	137	-15	-9.9%	0	6	6	\$15.69	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	98	90	-8	-8.2%	0	3	3	\$11.78	Moderate-term on-the-job training
51-4041	Machinists	2,259	2,348	89	3.9%	9	46	55	\$14.96	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	101	95	-6	-5.9%	0	3	3	\$14.23	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	10	10	0	0.0%	0	0	0	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	381	343	-38	-10.0%	0	8	8	\$10.96	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	234	269	35	15.0%	4	4	8	\$12.80	Moderate-term on-the-job training
51-4111	Tool and Die Makers	243	242	-1	-0.4%	0	6	6	\$19.74	Long-term on-the-job training

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51-4121	Welders, Cutters, Solderers, and Brazers	1,850	2,024	174	9.4%	17	52	69	\$14.46	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	291	317	26	8.9%	3	8	11	\$15.28	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	47	45	-2	-4.3%	0	1	1	\$12.95	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	39	42	3	7.7%	0	1	1	\$12.63	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	113	116	3	2.7%	0	2	2	\$13.02	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	116	99	-17	-14.7%	0	3	3	\$12.85	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	1,090	1,108	18	1.7%	2	21	23	\$16.05	Moderate-term on-the-job training
51-5011	Bindery Workers	631	734	103	16.3%	10	17	27	\$9.93	Moderate-term on-the-job training
51-5021	Job Printers	151	170	19	12.6%	2	4	6	\$13.83	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	389	342	-47	-12.1%	0	10	10	\$13.66	Long-term on-the-job training
51-5023	Printing Machine Operators	763	815	52	6.8%	5	19	24	\$12.87	Moderate-term on-the-job training
51-5099	Printing Workers, All Other (OES Only)	56	54	-2	-3.6%	0	1	1	NA	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,399	1,471	72	5.1%	7	37	44	\$7.95	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	133	126	-7	-5.3%	0	2	2	\$8.90	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,601	1,193	-408	-25.5%	0	17	17	\$8.80	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	1,242	806	-436	-35.1%	0	49	49	\$8.86	Long-term on-the-job training
51-6042	Shoe Machine Operators and Tenders	1,095	449	-646	-59.0%	0	10	10	NA	Moderate-term on-the-job training
51-6051	Sewers, Hand	289	180	-109	-37.7%	0	6	6	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	286	273	-13	-4.5%	0	6	6	\$10.84	Work experience in a related occupation
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	82	80	-2	-2.4%	0	2	2	\$11.49	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	366	362	-4	-1.1%	0	6	6	\$10.18	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	409	383	-26	-6.4%	0	7	7	\$11.32	Long-term on-the-job training
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	442	418	-24	-5.4%	0	10	10	\$10.80	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	447	500	53	11.9%	5	11	16	\$11.54	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	53	49	-4	-7.5%	0	2	2	\$12.33	Long-term on-the-job training
51-6093	Upholsterers	72	57	-15	-20.8%	0	2	2	\$12.86	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	153	172	19	12.4%	2	3	5	\$9.84	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	1,065	1,145	80	7.5%	8	34	42	\$12.29	Long-term on-the-job training
51-7021	Furniture Finishers	336	354	18	5.4%	2	13	15	\$10.31	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	937	1,010	73	7.8%	7	37	44	\$10.54	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,693	1,633	-60	-3.5%	0	69	69	\$9.56	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	151	186	35	23.2%	4	6	10	\$8.53	Moderate-term on-the-job training
51-8012	Power Distributors and Dispatchers	155	128	-27	-17.4%	0	5	5	\$22.59	Long-term on-the-job training
51-8013	Power Plant Operators	168	134	-34	-20.2%	0	5	5	\$20.99	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	564	495	-69	-12.2%	0	16	16	\$17.79	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	493	532	39	7.9%	4	15	19	\$16.45	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	23	23	0	0.0%	0	1	1	\$16.98	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	262	266	4	1.5%	0	6	6	\$17.75	Moderate-term on-the-job training

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51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	338	312	-26	-7.7%	0	8	8	\$15.60	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	231	227	-4	-1.7%	0	5	5	\$14.29	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	93	114	21	22.6%	2	2	4	\$9.66	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	444	429	-15	-3.4%	0	10	10	\$16.03	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	141	135	-6	-4.3%	0	3	3	\$9.59	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,024	968	-56	-5.5%	0	18	18	\$12.94	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	265	278	13	4.9%	1	6	7	\$15.12	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	167	164	-3	-1.8%	0	5	5	\$14.93	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,085	1,780	-305	-14.6%	0	46	46	\$12.94	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	119	115	-4	-3.4%	0	3	3	\$13.31	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	139	155	16	11.5%	2	4	6	\$15.09	Long-term on-the-job training
51-9082	Medical Appliance Technicians	49	54	5	10.2%	1	1	2	\$13.58	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	39	39	0	0.0%	0	1	1	\$9.70	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,915	1,993	78	4.1%	8	42	50	\$10.89	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	723	658	-65	-9.0%	0	16	16	\$17.39	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	527	588	61	11.6%	6	12	18	\$11.10	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	273	276	3	1.1%	0	6	6	\$9.97	Short-term on-the-job training
51-9131	Photographic Process Workers	209	181	-28	-13.4%	0	5	5	\$11.23	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	420	444	24	5.7%	2	11	13	\$9.28	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	386	339	-47	-12.2%	0	9	9	\$10.44	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	118	91	-27	-22.9%	0	3	3	\$12.01	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	32	27	-5	-15.6%	0	1	1	\$9.94	Moderate-term on-the-job training
51-9194	Etchers and Engravers	123	146	23	18.7%	2	3	5	\$10.08	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	151	183	32	21.2%	3	4	7	\$10.64	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	942	851	-91	-9.7%	0	19	19	\$14.95	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1,624	1,557	-67	-4.1%	0	41	41	\$10.41	Short-term on-the-job training
51-9199	Production Workers, All Other	3,891	3,738	-153	-3.9%	0	70	70	\$14.68	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>45,440</b>	<b>47,512</b>	<b>2,072</b>	<b>4.6%</b>	<b>273</b>	<b>1,033</b>	<b>1,306</b>	<b>\$11.66</b>	<b>NA</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	652	730	78	12.0%	8	14	22	\$16.34	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	920	1,006	86	9.3%	9	20	29	\$18.60	Work experience in a related occupation
53-2011	Airline Pilots, Copilots, and Flight Engineers	103	99	-4	-3.9%	0	2	2	\$48,095	Bachelor's degree
53-2012	Commercial Pilots	69	81	12	17.4%	1	2	3	\$38,980	Postsecondary vocational training
53-2021	Air Traffic Controllers	94	107	13	13.8%	1	4	5	\$33.99	Long-term on-the-job training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	82	100	18	22.0%	2	1	3	\$8.29	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	998	1,133	135	13.5%	14	25	39	\$15.39	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,638	1,593	-45	-2.7%	0	42	42	\$11.47	Short-term on-the-job training
53-3031	Driver/Sales Workers	1,354	1,356	2	0.1%	0	19	19	\$12.26	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,104	11,893	789	7.1%	79	153	232	\$13.74	Moderate-term on-the-job training

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53-3033	Truck Drivers, Light or Delivery Services	5,894	6,632	738	12.5%	74	81	155	\$11.69	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	765	865	100	13.1%	10	6	16	\$8.63	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	361	415	54	15.0%	5	6	11	\$8.92	Short-term on-the-job training
53-5011	Sailors and Marine Oilers	183	192	9	4.9%	1	6	7	\$11.55	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	151	157	6	4.0%	1	5	6	\$22.41	Work experience in a related occupation
53-5022	Motorboat Operators	17	16	-1	-5.9%	0	1	1	NA	Short-term on-the-job training
53-6011	Bridge and Lock Tenders	19	15	-4	-21.1%	0	1	1	\$10.47	Short-term on-the-job training
53-6021	Parking Lot Attendants	90	94	4	4.4%	0	2	2	\$7.47	Short-term on-the-job training
53-6031	Service Station Attendants	1,266	1,036	-230	-18.2%	0	64	64	\$7.11	Short-term on-the-job training
53-6051	Transportation Inspectors	74	77	3	4.1%	0	2	2	\$26.77	Work experience in a related occupation
53-6099	Transportation Workers, All Other	117	133	16	13.7%	2	5	7	\$13.57	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	105	109	4	3.8%	0	3	3	\$11.30	Short-term on-the-job training
53-7021	Crane and Tower Operators	318	311	-7	-2.2%	0	10	10	\$16.34	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	557	575	18	3.2%	2	17	19	\$13.72	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	2,654	2,623	-31	-1.2%	0	37	37	\$12.23	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,038	1,101	63	6.1%	6	40	46	\$8.58	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,658	7,780	122	1.6%	12	256	268	\$9.75	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,750	1,441	-309	-17.7%	0	61	61	\$10.04	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	4,645	5,026	381	8.2%	38	118	156	\$8.05	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	440	455	15	3.4%	2	19	21	\$10.36	Short-term on-the-job training
53-7199	Material Moving Workers, All Other	65	72	7	10.8%	1	2	3	\$10.74	Short-term on-the-job training

*Details will not add to totals as a few occupations were not publishable thus were deleted.*

*Average wages are for wage and salary workers only and do not include the self-employed.*

**Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010**  
(Sorted Alphabetically)

SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
13-2011	Accountants and Auditors	3,412	3,654	242	7.1%	24	51	75	\$20.12	Bachelor's degree
27-2011	Actors	86	105	19	22.1%	2	2	4	\$25,189	Long-term on-the-job training
15-2011	Actuaries	39	40	1	2.6%	0	1	1	\$36.14	Bachelor's degree plus work experience
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	114	111	-3	-2.6%	0	3	3	\$23.17	Bachelor's degree plus work experience
11-3011	Administrative Services Managers	1,176	1,316	140	11.9%	14	19	33	\$21.19	Bachelor's degree plus work experience
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	172	191	19	11.0%	2	2	4	\$17.12	Bachelor's degree
11-2011	Advertising and Promotions Managers	406	507	101	24.9%	10	6	16	\$25.02	Bachelor's degree plus work experience
41-3011	Advertising Sales Agents	719	804	85	11.8%	9	15	24	\$19.02	Moderate-term on-the-job training
19-4011	Agricultural and Food Science Technicians	27	28	1	3.7%	0	1	1	\$11.57	Associate degree
19-1010	Agricultural and Food Scientists	174	190	16	9.2%	2	6	8	\$21.04	Bachelor's degree
45-2011	Agricultural Inspectors	76	82	6	7.9%	1	2	3	\$15.00	Work experience in a related occupation
25-1041	Agricultural Sciences Teachers, Postsecondary	55	67	12	21.8%	1	2	3	NA	Doctoral degree
45-2099	Agricultural Workers, All Other	39	40	1	2.6%	0	1	1	NA	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	94	107	13	13.8%	1	4	5	\$33.99	Long-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	235	256	21	8.9%	2	5	7	\$15.88	Postsecondary vocational training
53-2011	Airline Pilots, Copilots, and Flight Engineers	103	99	-4	-3.9%	0	2	2	\$48,095	Bachelor's degree
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	82	100	18	22.0%	2	1	3	\$8.29	Moderate-term on-the-job training
39-3091	Amusement and Recreation Attendants	1,252	1,650	398	31.8%	40	42	82	\$8.34	Short-term on-the-job training
29-1061	Anesthesiologists	114	140	26	22.8%	3	2	5	\$64.16	First professional degree
33-9011	Animal Control Workers	46	52	6	13.0%	1	4	5	\$9.44	Moderate-term on-the-job training
39-2011	Animal Trainers	33	42	9	27.3%	1	1	2	\$14.47	Moderate-term on-the-job training
27-3010	Announcers	459	390	-69	-15.0%	0	7	7	\$12.22	Long-term on-the-job training
25-1061	Anthropology and Archeology Teachers, Postsecondary	24	29	5	20.8%	1	1	2	\$55,874	Doctoral degree
13-2021	Appraisers and Assessors of Real Estate	199	222	23	11.6%	2	6	8	\$20.27	Postsecondary vocational training
23-1022	Arbitrators, Mediators, and Conciliators	15	16	1	6.7%	0	0	0	\$21.90	Bachelor's degree plus work experience
17-1011	Architects, Except Landscape and Naval	331	312	-19	-5.7%	0	2	2	\$24.58	Bachelor's degree
17-3011	Architectural and Civil Drafters	566	581	15	2.7%	2	17	19	\$15.97	Postsecondary vocational training
25-4010	Archivists, Curators, and Museum Technicians	121	147	26	21.5%	3	3	6	\$17.49	Master's degree
27-1099	Art and Design Workers, All Other (OES Only)	129	134	5	3.9%	1	2	3	\$15.08	Bachelor's degree
27-1011	Art Directors	36	40	4	11.1%	0	1	1	\$21.23	Bachelor's degree plus work experience
25-1121	Art, Drama, and Music Teachers, Postsecondary	183	223	40	21.9%	4	5	9	\$48,662	Doctoral degree
51-2099	Assemblers and Fabricators, All Other	1,293	1,288	-5	-0.4%	0	23	23	\$9.35	Moderate-term on-the-job training
29-9091	Athletic Trainers	44	50	6	13.6%	1	1	2	\$32,420	Bachelor's degree
19-2021	Atmospheric and Space Scientists	36	39	3	8.3%	0	1	1	\$27.30	Bachelor's degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	97	119	22	22.7%	2	3	5	\$61,997	Doctoral degree
27-4011	Audio and Video Equipment Technicians	22	22	0	0.0%	0	1	1	\$13.10	Long-term on-the-job training
29-1121	Audiologists	28	39	11	39.3%	1	1	2	\$22.98	Master's degree
25-9011	Audio-Visual Collections Specialists	13	15	2	15.4%	0	0	0	\$13.82	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
49-3021	Automotive Body and Related Repairers	996	1,074	78	7.8%	8	25	33	\$14.67	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	121	128	7	5.8%	1	3	4	\$11.66	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,026	5,505	479	9.5%	48	119	167	\$12.94	Postsecondary vocational training
49-2091	Avionics Technicians	12	11	-1	-8.3%	0	0	0	NA	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	111	137	26	23.4%	3	4	7	\$13.79	Short-term on-the-job training
33-3011	Bailiffs	75	85	10	13.3%	1	2	3	\$10.34	Moderate-term on-the-job training
51-3011	Bakers	1,048	1,211	163	15.6%	16	17	33	\$9.79	Long-term on-the-job training
39-5011	Barbers	239	232	-7	-2.9%	0	7	7	\$11.68	Postsecondary vocational training
35-3011	Bartenders	2,976	3,116	140	4.7%	14	117	131	\$8.07	Short-term on-the-job training
49-3091	Bicycle Repairers	53	57	4	7.5%	0	2	2	\$10.25	Moderate-term on-the-job training
43-3011	Bill and Account Collectors	1,713	2,100	387	22.6%	39	43	82	\$12.71	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,434	2,703	269	11.1%	27	60	87	\$11.32	Short-term on-the-job training
51-5011	Bindery Workers	631	734	103	16.3%	10	17	27	\$9.93	Moderate-term on-the-job training
19-1021	Biochemists and Biophysicists	54	61	7	13.0%	1	2	3	\$25.89	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	134	164	30	22.4%	3	4	7	\$54,275	Doctoral degree
19-4021	Biological Technicians	403	481	78	19.4%	8	9	17	\$15.24	Associate degree
17-2031	Biomedical Engineers	112	125	13	11.6%	1	2	3	\$32.86	Bachelor's degree
47-2011	Boilermakers	114	93	-21	-18.4%	0	3	3	\$18.69	Long-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,257	10,130	-127	-1.2%	0	195	195	\$12.13	Moderate-term on-the-job training
47-2021	Brickmasons and Blockmasons	582	582	0	0.0%	0	11	11	\$16.00	Long-term on-the-job training
53-6011	Bridge and Lock Tenders	19	15	-4	-21.1%	0	1	1	\$10.47	Short-term on-the-job training
27-4012	Broadcast Technicians	120	106	-14	-11.7%	0	4	4	\$11.65	Postsecondary vocational training
43-4011	Brokerage Clerks	129	149	20	15.5%	2	2	4	\$14.46	Moderate-term on-the-job training
13-2031	Budget Analysts	235	255	20	8.5%	2	5	7	\$22.41	Bachelor's degree
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	225	255	30	13.3%	3	5	8	\$11.50	Short-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,463	1,577	114	7.8%	11	38	49	\$14.81	Postsecondary vocational training
53-3022	Bus Drivers, School	1,638	1,593	-45	-2.7%	0	42	42	\$11.47	Short-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	998	1,133	135	13.5%	14	25	39	\$15.39	Moderate-term on-the-job training
13-1199	Business Operations Specialists, All Other	2,500	2,722	222	8.9%	22	63	85	\$19.96	Bachelor's degree
25-1011	Business Teachers, Postsecondary	265	324	59	22.3%	6	7	13	\$47,360	Doctoral degree
51-3021	Butchers and Meat Cutters	714	614	-100	-14.0%	0	17	17	\$12.49	Long-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	1,065	1,145	80	7.5%	8	34	42	\$12.29	Long-term on-the-job training
49-9061	Camera and Photographic Equipment Repairers	15	15	0	0.0%	0	0	0	\$9.11	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	158	139	-19	-12.0%	0	3	3	\$9.54	Moderate-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	151	157	6	4.0%	1	5	6	\$22.41	Work experience in a related occupation
29-2031	Cardiovascular Technologists and Technicians	214	273	59	27.6%	6	5	11	\$15.45	Associate degree
43-5011	Cargo and Freight Agents	115	104	-11	-9.6%	0	2	2	\$13.99	Moderate-term on-the-job training
47-2031	Carpenters	9,055	9,512	457	5.0%	46	153	199	\$13.56	Long-term on-the-job training



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		2000	2010	Net	Percent	Growth	Replacement	Total		
47-2041	Carpet Installers	450	505	55	12.2%	6	8	14	\$12.54	Moderate-term on-the-job training
17-1021	Cartographers and Photogrammetrists	48	47	-1	-2.1%	0	1	1	\$20.70	Bachelor's degree
41-2011	Cashiers	16,991	18,568	1,577	9.3%	158	771	929	\$7.53	Short-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	349	319	-30	-8.6%	0	3	3	\$12.83	Long-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	386	339	-47	-12.2%	0	9	9	\$10.44	Moderate-term on-the-job training
35-1011	Chefs and Head Cooks	848	846	-2	-0.2%	0	26	26	\$13.13	Postsecondary vocational training
17-2041	Chemical Engineers	247	230	-17	-6.9%	0	4	4	\$31.16	Bachelor's degree
51-9011	Chemical Equipment Operators and Tenders	262	266	4	1.5%	0	6	6	\$17.75	Moderate-term on-the-job training
19-4031	Chemical Technicians	165	169	4	2.4%	0	4	4	\$14.60	Associate degree
25-1052	Chemistry Teachers, Postsecondary	43	53	10	23.3%	1	1	2	\$50,633	Doctoral degree
19-2031	Chemists	139	149	10	7.2%	1	4	5	\$22.96	Bachelor's degree
11-1011	Chief Executives	2,218	2,444	226	10.2%	23	70	93	\$46.39	Bachelor's degree plus work experience
39-9011	Child Care Workers	5,790	6,671	881	15.2%	88	197	285	\$7.90	Short-term on-the-job training
21-1021	Child, Family, and School Social Workers	2,127	2,824	697	32.8%	70	24	94	\$15.69	Bachelor's degree
29-1011	Chiropractors	300	361	61	20.3%	6	5	11	NA	First professional degree
27-2032	Choreographers	26	27	1	3.8%	0	1	1	\$19.12	Work experience in a related occupation
17-3022	Civil Engineering Technicians	530	501	-29	-5.5%	0	11	11	\$17.67	Associate degree
17-2051	Civil Engineers	1,299	1,252	-47	-3.6%	0	20	20	\$24.92	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	1,137	1,213	76	6.7%	8	13	21	\$21.91	Long-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,038	1,101	63	6.1%	6	40	46	\$8.58	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	118	91	-27	-22.9%	0	3	3	\$12.01	Moderate-term on-the-job training
21-2011	Clergy	1,766	1,811	45	2.5%	5	48	53	\$18.46	Master's degree
19-3031	Clinical, Counseling, and School Psychologists	770	1,017	247	32.1%	25	18	43	\$27.25	Master's degree
27-2022	Coaches and Scouts	1,250	1,293	43	3.4%	4	25	29	\$35,442	Long-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	723	658	-65	-9.0%	0	16	16	\$17.39	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	113	126	13	11.5%	1	3	4	\$11.01	Moderate-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	11,906	13,694	1,788	15.0%	179	729	908	\$7.18	Short-term on-the-job training
53-2012	Commercial Pilots	69	81	12	17.4%	1	2	3	\$38,980	Postsecondary vocational training
43-2099	Communications Equipment Operators, All Other	37	28	-9	-24.3%	0	1	1	\$14.76	Short-term on-the-job training
25-1122	Communications Teachers, Postsecondary	50	61	11	22.0%	1	1	2	\$47,715	Doctoral degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	313	323	10	3.2%	1	6	7	\$19.82	Bachelor's degree
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	773	831	58	7.5%	6	20	26	\$19.27	Long-term on-the-job training
15-1011	Computer and Information Scientists, Research	13	17	4	30.8%	0	0	0	NA	Doctoral degree
11-3021	Computer and Information Systems Managers	1,314	1,722	408	31.1%	41	22	63	\$32.02	Bachelor's degree plus work experience
17-2061	Computer Hardware Engineers	59	58	-1	-1.7%	0	1	1	NA	Bachelor's degree
43-9011	Computer Operators	809	643	-166	-20.5%	0	15	15	\$13.86	Moderate-term on-the-job training
15-1021	Computer Programmers	1,493	1,333	-160	-10.7%	0	31	31	\$24.47	Bachelor's degree
25-1021	Computer Science Teachers, Postsecondary	107	131	24	22.4%	2	3	5	\$47,089	Doctoral degree

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		2000	2010	Net	Percent	Growth	Replacement	Total		
15-1031	Computer Software Engineers, Applications	734	1,046	312	42.5%	31	5	36	\$26.69	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	343	501	158	46.1%	16	2	18	\$32.41	Bachelor's degree
15-1099	Computer Specialists, All Other	347	473	126	36.3%	13	3	16	\$24.10	Postsecondary vocational training
15-1041	Computer Support Specialists	1,798	2,932	1,134	63.1%	113	8	121	\$15.72	Associate degree
15-1051	Computer Systems Analysts	1,427	1,881	454	31.8%	45	13	58	\$27.26	Bachelor's degree
49-2011	Computer, Automated Teller, and Office Machine Repairers	525	531	6	1.1%	1	6	7	\$14.49	Postsecondary vocational training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	557	648	91	16.3%	9	20	29	\$15.45	Long-term on-the-job training
39-6012	Concierges	20	23	3	15.0%	0	1	1	\$9.20	Work experience in a related occupation
19-1031	Conservation Scientists	223	239	16	7.2%	2	7	9	\$36.20	Bachelor's degree
47-4011	Construction and Building Inspectors	200	208	8	4.0%	1	5	6	\$18.91	Work experience in a related occupation
47-2061	Construction Laborers	2,961	3,052	91	3.1%	9	27	36	\$10.08	Moderate-term on-the-job training
11-9021	Construction Managers	1,225	1,306	81	6.6%	8	20	28	\$25.91	Bachelor's degree
47-4999	Construction Trades and Related Workers, All Other (OES Only)	205	231	26	12.7%	3	4	7	\$13.28	Work experience in a related occupation
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	257	227	-30	-11.7%	0	8	8	\$20.68	Moderate-term on-the-job training
53-7011	Conveyor Operators and Tenders	105	109	4	3.8%	0	3	3	\$11.30	Short-term on-the-job training
35-2011	Cooks, Fast Food	3,326	2,976	-350	-10.5%	0	95	95	\$7.03	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,707	2,744	37	1.4%	4	77	81	\$9.56	Long-term on-the-job training
35-2013	Cooks, Private Household	71	71	0	0.0%	0	2	2	NA	Long-term on-the-job training
35-2014	Cooks, Restaurant	3,328	3,649	321	9.6%	32	95	127	\$9.35	Long-term on-the-job training
35-2015	Cooks, Short Order	1,204	1,252	48	4.0%	5	34	39	\$8.74	Short-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	32	27	-5	-15.6%	0	1	1	\$9.94	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,629	1,967	338	20.7%	34	40	74	\$11.62	Moderate-term on-the-job training
43-4021	Correspondence Clerks	126	128	2	1.6%	0	4	4	\$12.22	Short-term on-the-job training
13-1051	Cost Estimators	602	639	37	6.1%	4	13	17	\$21.13	Bachelor's degree
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	514	589	75	14.6%	8	9	17	\$12.85	Bachelor's degree
41-2021	Counter and Rental Clerks	1,587	1,935	348	21.9%	35	72	107	\$9.35	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,261	2,591	330	14.6%	33	175	208	\$7.55	Short-term on-the-job training
43-5021	Couriers and Messengers	302	282	-20	-6.6%	0	8	8	\$9.42	Short-term on-the-job training
23-2091	Court Reporters	103	151	48	46.6%	5	1	6	\$25.16	Postsecondary vocational training
43-4031	Court, Municipal, and License Clerks	813	900	87	10.7%	9	13	22	\$12.72	Short-term on-the-job training
53-7021	Crane and Tower Operators	318	311	-7	-2.2%	0	10	10	\$16.34	Moderate-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	135	138	3	2.2%	0	1	1	\$12.32	Short-term on-the-job training
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	26	32	6	23.1%	1	1	2	\$46.996	Doctoral degree
33-9091	Crossing Guards	460	575	115	25.0%	12	16	28	\$7.56	Short-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	231	227	-4	-1.7%	0	5	5	\$14.29	Moderate-term on-the-job training
43-4051	Customer Service Representatives	7,823	9,343	1,520	19.4%	152	66	218	\$12.16	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	141	135	-6	-4.3%	0	3	3	\$9.59	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,024	968	-56	-5.5%	0	18	18	\$12.94	Moderate-term on-the-job training

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SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	770	727	-43	-5.6%	0	15	15	\$12.50	Moderate-term on-the-job training
27-2031	Dancers	69	71	2	2.9%	0	1	1	NA	Long-term on-the-job training
43-9021	Data Entry Keyers	1,805	1,679	-126	-7.0%	0	29	29	\$9.81	Moderate-term on-the-job training
15-1061	Database Administrators	374	531	157	42.0%	16	2	18	\$25.25	Bachelor's degree
41-9011	Demonstrators and Product Promoters	231	249	18	7.8%	2	8	10	\$10.76	Moderate-term on-the-job training
31-9091	Dental Assistants	857	1,172	315	36.8%	32	15	47	\$11.81	Moderate-term on-the-job training
29-2021	Dental Hygienists	934	1,275	341	36.5%	34	14	48	\$23.49	Associate degree
51-9081	Dental Laboratory Technicians	139	155	16	11.5%	2	4	6	\$15.09	Long-term on-the-job training
29-1020	Dentists	725	755	30	4.1%	3	16	19	\$41.37	First professional degree
43-9031	Desktop Publishers	137	235	98	71.5%	10	3	13	\$13.54	Postsecondary vocational training
33-3021	Detectives and Criminal Investigators	377	440	63	16.7%	6	9	15	\$19.95	Work experience in a related occupation
29-2032	Diagnostic Medical Sonographers	124	154	30	24.2%	3	3	6	\$21.97	Associate degree
29-2051	Dietetic Technicians	137	178	41	29.9%	4	4	8	\$11.01	Moderate-term on-the-job training
29-1031	Dietitians and Nutritionists	252	277	25	9.9%	3	7	10	\$14.90	Bachelor's degree
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,281	1,116	-165	-12.9%	0	43	43	\$7.22	Short-term on-the-job training
21-2021	Directors, Religious Activities and Education	378	391	13	3.4%	1	6	7	NA	Bachelor's degree
35-9021	Dishwashers	2,744	2,315	-429	-15.6%	0	103	103	\$6.95	Short-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	692	777	85	12.3%	9	11	20	\$13.48	Moderate-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	881	890	9	1.0%	1	23	24	\$14.21	Short-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	750	744	-6	-0.8%	0	16	16	\$23.84	Associate degree
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	218	203	-15	-6.9%	0	7	7	\$13.24	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	1,354	1,356	2	0.1%	0	19	19	\$12.26	Short-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	495	500	5	1.0%	1	5	6	\$14.09	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	166	160	-6	-3.6%	0	3	3	\$13.93	Moderate-term on-the-job training
25-1063	Economics Teachers, Postsecondary	50	61	11	22.0%	1	1	2	\$63,587	Doctoral degree
19-3011	Economists	104	116	12	11.5%	1	2	3	\$20.68	Bachelor's degree
27-3041	Editors	591	735	144	24.4%	14	19	33	\$16.59	Bachelor's degree
11-9032	Education Administrators, Elementary and Secondary School	1,465	1,489	24	1.6%	2	38	40	\$56,307	Bachelor's degree plus work experience
11-9033	Education Administrators, Postsecondary	511	561	50	9.8%	5	13	18	\$27.26	Bachelor's degree plus work experience
11-9031	Education Administrators, Preschool and Child Care Center/Program	194	253	59	30.4%	6	5	11	\$17.32	Bachelor's degree plus work experience
25-1081	Education Teachers, Postsecondary	277	338	61	22.0%	6	8	14	\$44,536	Doctoral degree
21-1012	Educational, Vocational, and School Counselors	1,263	1,465	202	16.0%	20	26	46	\$19.64	Master's degree
49-2092	Electric Motor, Power Tool, and Related Repairers	291	274	-17	-5.8%	0	7	7	\$16.91	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	562	535	-27	-4.8%	0	11	11	\$21.41	Associate degree
51-2022	Electrical and Electronic Equipment Assemblers	980	839	-141	-14.4%	0	25	25	\$10.11	Short-term on-the-job training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	64	68	4	6.3%	0	2	2	\$16.88	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	75	79	4	5.3%	0	2	2	\$18.72	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	86	91	5	5.8%	1	2	3	\$15.27	Postsecondary vocational training

**Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010**  
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SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	270	265	-5	-1.9%	0	6	6	\$18.86	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	119	94	-25	-21.0%	0	2	2	\$19.61	Postsecondary vocational training
17-2071	Electrical Engineers	564	538	-26	-4.6%	0	10	10	\$30.54	Bachelor's degree
49-9051	Electrical Power-Line Installers and Repairers	713	609	-104	-14.6%	0	23	23	\$19.99	Long-term on-the-job training
47-2111	Electricians	3,615	3,815	200	5.5%	20	68	88	\$17.74	Long-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	233	251	18	7.7%	2	6	8	\$11.31	Short-term on-the-job training
17-3024	Electro-Mechanical Technicians	563	547	-16	-2.8%	0	11	11	\$19.84	Associate degree
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	13	14	1	7.7%	0	0	0	\$9.67	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	133	87	-46	-34.6%	0	3	3	\$12.13	Postsecondary vocational training
17-2072	Electronics Engineers, Except Computer	278	290	12	4.3%	1	5	6	\$28.02	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	5,808	5,980	172	3.0%	17	132	149	\$37,516	Bachelor's degree
47-4021	Elevator Installers and Repairers	241	249	8	3.3%	1	8	9	\$20.96	Long-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	591	522	-69	-11.7%	0	17	17	\$14.03	Moderate-term on-the-job training
39-4011	Embalmers	14	14	0	0.0%	0	0	0	\$17.67	Postsecondary vocational training
13-1061	Emergency Management Specialists	66	78	12	18.2%	1	2	3	\$19.15	Work experience in a related occupation
29-2041	Emergency Medical Technicians and Paramedics	1,297	1,597	300	23.1%	30	33	63	\$10.74	Postsecondary vocational training
13-1071	Employment, Recruitment, and Placement Specialists	688	750	62	9.0%	6	13	19	\$18.08	Bachelor's degree
51-2031	Engine and Other Machine Assemblers	58	57	-1	-1.7%	0	1	1	\$16.26	Short-term on-the-job training
11-9041	Engineering Managers	1,067	963	-104	-9.7%	0	17	17	\$36.23	Bachelor's degree plus work experience
25-1032	Engineering Teachers, Postsecondary	109	133	24	22.0%	2	3	5	\$62,660	Doctoral degree
17-2199	Engineers, All Other	610	505	-105	-17.2%	0	12	12	NA	Bachelor's degree
25-1123	English Language and Literature Teachers, Postsecondary	247	302	55	22.3%	6	7	13	\$45,243	Doctoral degree
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	88	110	22	25.0%	2	2	4	\$23,153	Long-term on-the-job training
17-3025	Environmental Engineering Technicians	68	74	6	8.8%	1	1	2	\$17.48	Associate degree
17-2081	Environmental Engineers	268	315	47	17.5%	5	5	10	\$27.10	Bachelor's degree
19-4091	Environmental Science and Protection Technicians, Including Health	165	189	24	14.5%	2	6	8	\$13.13	Associate degree
25-1053	Environmental Science Teachers, Postsecondary	13	16	3	23.1%	0	0	0	\$46,247	Doctoral degree
19-2041	Environmental Scientists and Specialists, Including Health	443	487	44	9.9%	4	14	18	\$19.84	Bachelor's degree
19-1041	Epidemiologists	16	16	0	0.0%	0	0	0	\$23.01	Doctoral degree
51-9194	Etchers and Engravers	123	146	23	18.7%	2	3	5	\$10.08	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	557	575	18	3.2%	2	17	19	\$13.72	Moderate-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	5,672	5,994	322	5.7%	32	97	129	\$14.15	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	26	29	3	11.5%	0	1	1	\$20.56	Moderate-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	92	94	2	2.2%	0	2	2	\$12.74	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	447	500	53	11.9%	5	11	16	\$11.54	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	265	278	13	4.9%	1	6	7	\$15.12	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	53	49	-4	-7.5%	0	2	2	\$12.33	Long-term on-the-job training
49-9093	Fabric Menders, Except Garment	41	40	-1	-2.4%	0	1	1	\$16.60	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
45-4021	Fallers	1,486	1,349	-137	-9.2%	0	28	28	\$17.31	Moderate-term on-the-job training
29-1062	Family and General Practitioners	637	770	133	20.9%	13	9	22	\$52.32	First professional degree
25-9021	Farm and Home Management Advisors	78	80	2	2.6%	0	1	1	\$24.98	Bachelor's degree
49-3041	Farm Equipment Mechanics	124	117	-7	-5.6%	0	3	3	\$9.59	Postsecondary vocational training
11-9011	Farm, Ranch, and Other Agricultural Managers	678	696	18	2.7%	2	8	10	\$22.90	Bachelor's degree plus work experience
11-9012	Farmers and Ranchers	3,590	3,291	-299	-8.3%	0	21	21	NA	Long-term on-the-job training
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	114	106	-8	-7.0%	0	4	4	\$10.96	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	806	825	19	2.4%	2	27	29	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	398	412	14	3.5%	1	13	14	\$9.13	Moderate-term on-the-job training
27-1022	Fashion Designers	18	21	3	16.7%	0	0	0	\$22.76	Bachelor's degree
47-4031	Fence Erectors	19	17	-2	-10.5%	0	0	0	NA	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	294	259	-35	-11.9%	0	5	5	\$12.52	Moderate-term on-the-job training
43-4071	File Clerks	838	883	45	5.4%	5	27	32	\$8.73	Short-term on-the-job training
27-4032	Film and Video Editors	139	72	-67	-48.2%	0	3	3	\$13.12	Bachelor's degree
13-2051	Financial Analysts	224	273	49	21.9%	5	3	8	\$24.91	Bachelor's degree
13-2061	Financial Examiners	88	97	9	10.2%	1	2	3	\$24.66	Bachelor's degree
11-3031	Financial Managers	2,731	3,102	371	13.6%	37	42	79	\$28.76	Bachelor's degree plus work experience
13-2099	Financial Specialists, All Other	336	423	87	25.9%	9	7	16	\$21.14	Bachelor's degree
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	1,145	1,225	80	7.0%	8	15	23	\$10.98	Short-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	565	691	126	22.3%	13	12	25	\$19.72	Long-term on-the-job training
33-2011	Fire Fighters	1,557	1,673	116	7.5%	12	40	52	\$12.57	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	49	54	5	10.2%	1	1	2	\$16.15	Work experience in a related occupation
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	3,338	3,542	204	6.1%	20	76	96	\$20.03	Work experience in a related occupation
33-1011	First-Line Supervisors/Managers of Correctional Officers	37	43	6	16.2%	1	1	2	\$19.01	Work experience in a related occupation
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	331	350	19	5.7%	2	3	5	\$16.41	Moderate-term on-the-job training
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	262	280	18	6.9%	2	8	10	\$18.98	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	3,382	3,526	144	4.3%	14	85	99	\$10.64	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	652	730	78	12.0%	8	14	22	\$16.34	Work experience in a related occupation
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	972	1,049	77	7.9%	8	26	34	\$12.81	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	652	685	33	5.1%	3	4	7	\$14.02	Work experience in a related occupation
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,175	2,317	142	6.5%	14	57	71	\$22.09	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,678	1,788	110	6.6%	11	25	36	\$21.13	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5,513	5,840	327	5.9%	33	107	140	\$16.25	Work experience in a related occupation
39-1021	First-Line Supervisors/Managers of Personal Service Workers	625	810	185	29.6%	19	17	36	\$12.43	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	514	583	69	13.4%	7	14	21	\$21.31	Work experience in a related occupation
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,760	3,446	-314	-8.4%	0	99	99	\$20.52	Work experience in a related occupation
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	9,801	10,558	757	7.7%	76	142	218	\$14.40	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	920	1,006	86	9.3%	9	20	29	\$18.60	Work experience in a related occupation

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33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	202	247	45	22.3%	5	6	11	\$16.74	Work experience in a related occupation
33-3031	Fish and Game Wardens	131	141	10	7.6%	1	2	3	\$17.34	Long-term on-the-job training
45-3011	Fishers and Related Fishing Workers	1,697	1,182	-515	-30.3%	0	54	54	NA	Moderate-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	634	829	195	30.8%	20	13	33	\$11.41	Postsecondary vocational training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	35	38	3	8.6%	0	1	1	NA	Moderate-term on-the-job training
27-1023	Floral Designers	635	714	79	12.4%	8	6	14	\$9.90	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	44	40	-4	-9.1%	0	1	1	\$10.84	Short-term on-the-job training
51-3092	Food Batchmakers	246	243	-3	-1.2%	0	6	6	\$11.72	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	120	117	-3	-2.5%	0	2	2	\$11.53	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	199	185	-14	-7.0%	0	7	7	\$9.35	Short-term on-the-job training
35-2021	Food Preparation Workers	6,122	6,746	624	10.2%	62	236	298	\$8.14	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	379	310	-69	-18.2%	0	9	9	\$8.89	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	886	950	64	7.2%	6	39	45	\$7.87	Short-term on-the-job training
11-9051	Food Service Managers	2,860	2,994	134	4.7%	13	34	47	\$16.61	Work experience in a related occupation
25-1124	Foreign Language and Literature Teachers, Postsecondary	42	52	10	23.8%	1	1	2	\$47,548	Doctoral degree
19-4092	Forensic Science Technicians	28	29	1	3.6%	0	1	1	\$16.09	Associate degree
19-4093	Forest and Conservation Technicians	44	47	3	6.8%	0	2	2	\$12.66	Associate degree
45-4011	Forest and Conservation Workers	157	154	-3	-1.9%	0	4	4	\$12.23	Moderate-term on-the-job training
33-2022	Forest Fire Inspectors and Prevention Specialists	79	84	5	6.3%	1	2	3	\$17.98	Work experience in a related occupation
19-1032	Foresters	184	191	7	3.8%	1	6	7	\$20.73	Bachelor's degree
25-1043	Forestry and Conservation Science Teachers, Postsecondary	32	39	7	21.9%	1	1	2	\$53,740	Doctoral degree
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	35	42	7	20.0%	1	1	2	\$8.88	Moderate-term on-the-job training
39-4021	Funeral Attendants	143	173	30	21.0%	3	3	6	\$9.96	Short-term on-the-job training
11-9061	Funeral Directors	199	215	16	8.0%	2	3	5	\$24.64	Associate degree
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	167	164	-3	-1.8%	0	5	5	\$14.93	Moderate-term on-the-job training
51-7021	Furniture Finishers	336	354	18	5.4%	2	13	15	\$10.31	Long-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	36	49	13	36.1%	1	2	3	\$7.12	Short-term on-the-job training
11-1021	General and Operations Managers	12,268	13,262	994	8.1%	99	206	305	\$27.98	Bachelor's degree plus work experience
25-1064	Geography Teachers, Postsecondary	13	16	3	23.1%	0	0	0	\$41,846	Doctoral degree
19-4041	Geological and Petroleum Technicians	53	79	26	49.1%	3	1	4	\$24.31	Associate degree
19-2042	Geoscientists, Except Hydrologists and Geographers	95	113	18	18.9%	2	3	5	\$22.32	Bachelor's degree
47-2121	Glaziers	63	58	-5	-7.9%	0	1	1	\$12.82	Long-term on-the-job training
45-2041	Graders and Sorters, Agricultural Products	403	413	10	2.5%	1	9	10	\$8.72	Work experience in a related occupation
25-1191	Graduate Teaching Assistants	726	889	163	22.5%	16	20	36	\$13,600	Bachelor's degree
27-1024	Graphic Designers	625	816	191	30.6%	19	6	25	\$17.11	Bachelor's degree
51-9022	Grinding and Polishing Workers, Hand	93	114	21	22.6%	2	2	4	\$9.66	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	224	228	4	1.8%	0	6	6	\$13.95	Moderate-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,841	2,988	147	5.2%	15	70	85	\$9.25	Postsecondary vocational training

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47-4041	Hazardous Materials Removal Workers	138	148	10	7.2%	1	4	5	\$13.07	Moderate-term on-the-job training
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	152	154	2	1.3%	0	3	3	\$25.05	Bachelor's degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	232	295	63	27.2%	6	5	11	\$40.64	First professional degree
21-1091	Health Educators	346	467	121	35.0%	12	5	17	\$22.61	Master's degree
29-9199	Health Professionals and Technicians, All Other	1,132	1,324	192	17.0%	19	29	48	\$18.66	Associate degree
25-1071	Health Specialties Teachers, Postsecondary	119	143	24	20.2%	2	3	5	\$44,494	Doctoral degree
31-9099	Healthcare Support Workers, All Other	703	861	158	22.5%	16	19	35	\$11.41	Short-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	47	45	-2	-4.3%	0	1	1	\$12.95	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,887	1,994	107	5.7%	11	20	31	\$15.47	Long-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	46	53	7	15.2%	1	2	3	\$9.81	Short-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	325	331	6	1.8%	1	16	17	\$11.39	Short-term on-the-job training
47-3012	Helpers--Carpenters	514	511	-3	-0.6%	0	25	25	\$9.45	Short-term on-the-job training
47-3013	Helpers--Electricians	621	623	2	0.3%	0	31	31	\$11.63	Short-term on-the-job training
47-5081	Helpers--Extraction Workers	37	34	-3	-8.1%	0	2	2	\$8.70	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	421	469	48	11.4%	5	21	26	\$12.51	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	88	88	0	0.0%	0	4	4	\$10.26	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	281	275	-6	-2.1%	0	14	14	\$9.81	Short-term on-the-job training
51-9198	Helpers--Production Workers	1,624	1,557	-67	-4.1%	0	41	41	\$10.41	Short-term on-the-job training
47-3016	Helpers--Roofers	79	87	8	10.1%	1	4	5	\$9.34	Short-term on-the-job training
47-4051	Highway Maintenance Workers	2,539	2,580	41	1.6%	4	38	42	\$12.21	Moderate-term on-the-job training
19-3093	Historians	12	12	0	0.0%	0	0	0	\$18.97	Master's degree
25-1125	History Teachers, Postsecondary	69	85	16	23.2%	2	2	4	\$50,972	Doctoral degree
49-9031	Home Appliance Repairers	131	141	10	7.6%	1	3	4	\$14.17	Long-term on-the-job training
25-1192	Home Economics Teachers, Postsecondary	12	15	3	25.0%	0	0	0	\$52,462	Doctoral degree
31-1011	Home Health Aides	4,234	6,262	2,028	47.9%	203	54	257	\$8.94	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,369	1,382	13	0.9%	1	41	42	\$7.61	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,560	1,924	364	23.3%	36	68	104	\$8.54	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	583	662	79	13.6%	8	13	21	\$13.54	Short-term on-the-job training
11-3040	Human Resources Managers	993	1,041	48	4.8%	5	17	22	\$26.48	Bachelor's degree plus work experience
19-2043	Hydrologists	68	94	26	38.2%	3	2	5	\$22.05	Bachelor's degree
17-3026	Industrial Engineering Technicians	153	153	0	0.0%	0	3	3	\$17.82	Associate degree
17-2112	Industrial Engineers	551	506	-45	-8.2%	0	9	9	\$28.09	Bachelor's degree
49-9041	Industrial Machinery Mechanics	1,232	1,241	9	0.7%	1	33	34	\$17.88	Long-term on-the-job training
11-3051	Industrial Production Managers	1,115	1,093	-22	-2.0%	0	18	18	\$29.14	Bachelor's degree
53-7051	Industrial Truck and Tractor Operators	2,654	2,623	-31	-1.2%	0	37	37	\$12.23	Short-term on-the-job training
19-3032	Industrial-Organizational Psychologists	27	24	-3	-11.1%	0	1	1	NA	Master's degree
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,085	1,780	-305	-14.6%	0	46	46	\$12.94	Moderate-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,006	1,112	106	10.5%	11	21	32	\$13.75	Long-term on-the-job training

**Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010**  
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SOC Code	Occupation	Average Annual Employment		Change in Employment		Average Annual Openings			2001 Avg. Wage	Education/Training Requirement
		2000	2010	Net	Percent	Growth	Replacement	Total		
25-9031	Instructional Coordinators	296	356	60	20.3%	6	4	10	\$21.77	Master's degree
47-2130	Insulation Workers	556	545	-11	-2.0%	0	17	17	\$14.01	Moderate-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	25	27	2	8.0%	0	0	0	\$20.96	Long-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,549	1,068	-481	-31.1%	0	27	27	\$12.63	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	2,051	2,046	-5	-0.2%	0	52	52	\$20.05	Bachelor's degree
13-2053	Insurance Underwriters	343	333	-10	-2.9%	0	5	5	\$21.04	Bachelor's degree
27-1025	Interior Designers	126	135	9	7.1%	1	1	2	\$18.34	Bachelor's degree
29-1063	Internists, General	328	403	75	22.9%	8	5	13	\$57.60	First professional degree
27-3091	Interpreters and Translators	168	253	85	50.6%	9	3	12	\$18.69	Long-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	536	637	101	18.8%	10	11	21	\$9.32	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,873	11,611	738	6.8%	74	197	271	\$9.87	Short-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	119	115	-4	-3.4%	0	3	3	\$13.31	Postsecondary vocational training
51-5021	Job Printers	151	170	19	12.6%	2	4	6	\$13.83	Long-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	82	80	-2	-2.4%	0	2	2	\$42.31	Bachelor's degree plus work experience
25-2012	Kindergarten Teachers, Except Special Education	899	925	26	2.9%	3	11	14	\$36,185	Bachelor's degree
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,658	7,780	122	1.6%	12	256	268	\$9.75	Short-term on-the-job training
17-1012	Landscape Architects	53	58	5	9.4%	1	0	1	\$21.36	Bachelor's degree
37-3011	Landscaping and Groundskeeping Workers	4,189	5,057	868	20.7%	87	105	192	\$9.83	Short-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	152	137	-15	-9.9%	0	6	6	\$15.69	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,399	1,471	72	5.1%	7	37	44	\$7.95	Moderate-term on-the-job training
23-2092	Law Clerks	67	64	-3	-4.5%	0	1	1	\$17.56	Bachelor's degree
25-1112	Law Teachers, Postsecondary	49	60	11	22.4%	1	1	2	\$73,726	Doctoral degree
23-1011	Lawyers	2,895	3,064	169	5.8%	17	20	37	\$38.06	First professional degree
51-4192	Lay-Out Workers, Metal and Plastic	39	42	3	7.7%	0	1	1	\$12.63	Moderate-term on-the-job training
23-9099	Legal and Related Workers, All Other (OES Only)	166	190	24	14.5%	2	2	4	\$16.68	Bachelor's degree
43-6012	Legal Secretaries	1,051	1,015	-36	-3.4%	0	18	18	\$15.03	Postsecondary vocational training
11-1031	Legislators	371	421	50	13.5%	5	12	17	\$9.67	Bachelor's degree plus work experience
25-4021	Librarians	793	812	19	2.4%	2	16	18	\$18.17	Master's degree
43-4121	Library Assistants, Clerical	305	363	58	19.0%	6	14	20	\$8.86	Short-term on-the-job training
25-1082	Library Science Teachers, Postsecondary	16	20	4	25.0%	0	0	0	NA	Doctoral degree
25-4031	Library Technicians	912	1,069	157	17.2%	16	41	57	\$10.91	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	276	339	63	22.8%	6	4	10	\$13.84	Bachelor's degree
29-2061	Licensed Practical and Licensed Vocational Nurses	2,340	2,707	367	15.7%	37	60	97	\$14.04	Postsecondary vocational training
19-1099	Life Scientists, All Other	147	172	25	17.0%	3	5	8	\$27.16	Bachelor's degree
19-4099	Life, Physical, and Social Science Technicians, All Other	350	373	23	6.6%	2	13	15	\$17.38	Associate degree
13-2071	Loan Counselors	85	113	28	32.9%	3	2	5	\$16.32	Bachelor's degree
43-4131	Loan Interviewers and Clerks	678	538	-140	-20.6%	0	5	5	\$11.43	Short-term on-the-job training
13-2072	Loan Officers	936	1,063	127	13.6%	13	19	32	\$21.37	Bachelor's degree



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		2000	2010	Net	Percent	Growth	Replacement	Total		
49-9094	Locksmiths and Safe Repairers	128	131	3	2.3%	0	4	4	\$13.59	Moderate-term on-the-job training
11-9081	Lodging Managers	388	397	9	2.3%	1	5	6	\$16.99	Work experience in a related occupation
45-4023	Log Graders and Scalers	180	159	-21	-11.7%	0	3	3	\$13.97	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	1,720	1,687	-33	-1.9%	0	33	33	\$12.05	Moderate-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,750	1,441	-309	-17.7%	0	61	61	\$10.04	Short-term on-the-job training
51-4041	Machinists	2,259	2,348	89	3.9%	9	46	55	\$14.96	Long-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,256	7,943	687	9.5%	69	158	227	\$8.30	Short-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	750	794	44	5.9%	4	22	26	\$10.88	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,950	5,754	-196	-3.3%	0	77	77	\$14.46	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	382	345	-37	-9.7%	0	10	10	\$15.65	Long-term on-the-job training
13-1111	Management Analysts	1,111	1,267	156	14.0%	16	10	26	\$25.39	Bachelor's degree plus work experience
11-9199	Managers, All Other	6,109	6,515	406	6.6%	41	108	149	\$27.90	Work experience in a related occupation
39-5092	Manicurists and Pedicurists	13	14	1	7.7%	0	0	0	NA	Postsecondary vocational training
49-9095	Manufactured Building and Mobile Home Installers	144	148	4	2.8%	0	3	3	\$11.39	Moderate-term on-the-job training
17-2121	Marine Engineers and Naval Architects	79	72	-7	-8.9%	0	2	2	\$29.08	Bachelor's degree
19-3021	Market Research Analysts	250	279	29	11.6%	3	6	9	\$20.17	Bachelor's degree
11-2021	Marketing Managers	744	906	162	21.8%	16	11	27	\$31.05	Bachelor's degree plus work experience
21-1013	Marriage and Family Therapists	87	140	53	60.9%	5	2	7	\$15.32	Master's degree
31-9011	Massage Therapists	69	97	28	40.6%	3	2	5	\$14.97	Postsecondary vocational training
53-7199	Material Moving Workers, All Other	65	72	7	10.8%	1	2	3	\$10.74	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	55	53	-2	-3.6%	0	2	2	\$11.98	Short-term on-the-job training
17-2131	Materials Engineers	57	54	-3	-5.3%	0	1	1	\$30.67	Bachelor's degree
19-2032	Materials Scientists	21	24	3	14.3%	0	1	1	\$19.24	Bachelor's degree
25-1022	Mathematical Science Teachers, Postsecondary	178	218	40	22.5%	4	5	9	\$48,320	Doctoral degree
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	665	607	-58	-8.7%	0	16	16	\$9.13	Short-term on-the-job training
17-3013	Mechanical Drafters	285	312	27	9.5%	3	9	12	\$18.13	Postsecondary vocational training
17-3027	Mechanical Engineering Technicians	111	112	1	0.9%	0	2	2	\$19.11	Associate degree
17-2141	Mechanical Engineers	755	761	6	0.8%	1	22	23	\$30.42	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	14	17	3	21.4%	0	1	1	\$22.24	Moderate-term on-the-job training
27-3099	Media and Communication Workers, All Other	210	228	18	8.6%	2	4	6	\$26.65	Long-term on-the-job training
29-2012	Medical and Clinical Laboratory Technicians	554	667	113	20.4%	11	13	24	\$13.85	Associate degree
29-2011	Medical and Clinical Laboratory Technologists	853	1,007	154	18.1%	15	20	35	\$19.25	Bachelor's degree
11-9111	Medical and Health Services Managers	1,653	2,164	511	30.9%	51	29	80	\$28.38	Bachelor's degree plus work experience
21-1022	Medical and Public Health Social Workers	559	798	239	42.8%	24	6	30	\$17.28	Bachelor's degree
51-9082	Medical Appliance Technicians	49	54	5	10.2%	1	1	2	\$13.58	Long-term on-the-job training
31-9092	Medical Assistants	1,358	2,238	880	64.8%	88	36	124	\$11.90	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	200	221	21	10.5%	2	5	7	\$10.74	Short-term on-the-job training
49-9062	Medical Equipment Repairers	45	49	4	8.9%	0	1	1	\$18.60	Moderate-term on-the-job training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
29-2071	Medical Records and Health Information Technicians	814	1,203	389	47.8%	39	18	57	\$11.21	Associate degree
19-1042	Medical Scientists, Except Epidemiologists	66	72	6	9.1%	1	2	3	\$19.40	Doctoral degree
43-6013	Medical Secretaries	1,511	1,940	429	28.4%	43	26	69	\$12.07	Postsecondary vocational training
31-9094	Medical Transcriptionists	724	998	274	37.8%	27	19	46	\$12.28	Postsecondary vocational training
13-1121	Meeting and Convention Planners	86	103	17	19.8%	2	2	4	\$15.19	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	973	1,447	474	48.7%	47	11	58	\$16.18	Master's degree
21-1014	Mental Health Counselors	626	922	296	47.3%	30	13	43	\$15.78	Master's degree
27-1026	Merchandise Displayers and Window Trimmers	491	500	9	1.8%	1	5	6	\$9.15	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	1,090	1,108	18	1.7%	2	21	23	\$16.05	Moderate-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	101	95	-6	-5.9%	0	3	3	\$14.23	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	270	155	-115	-42.6%	0	7	7	\$13.38	Short-term on-the-job training
19-1022	Microbiologists	58	68	10	17.2%	1	2	3	\$21.46	Doctoral degree
25-2022	Middle School Teachers, Except Special and Vocational Education	4,154	4,145	-9	-0.2%	0	95	95	\$38,135	Bachelor's degree
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	98	90	-8	-8.2%	0	3	3	\$11.78	Moderate-term on-the-job training
49-9044	Millwrights	698	592	-106	-15.2%	0	21	21	\$17.85	Long-term on-the-job training
47-5049	Mining Machine Operators, All Other	14	14	0	0.0%	0	1	1	\$10.83	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	444	429	-15	-3.4%	0	10	10	\$16.03	Moderate-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	725	779	54	7.4%	5	19	24	\$15.23	Postsecondary vocational training
41-9012	Models	16	18	2	12.5%	0	1	1	\$11.63	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	151	183	32	21.2%	3	4	7	\$10.64	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	381	343	-38	-10.0%	0	8	8	\$10.96	Moderate-term on-the-job training
39-3021	Motion Picture Projectionists	84	74	-10	-11.9%	0	2	2	\$7.79	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	361	415	54	15.0%	5	6	11	\$8.92	Short-term on-the-job training
49-3051	Motorboat Mechanics	439	427	-12	-2.7%	0	11	11	\$14.71	Long-term on-the-job training
53-5022	Motorboat Operators	17	16	-1	-5.9%	0	1	1	NA	Short-term on-the-job training
49-3052	Motorcycle Mechanics	54	50	-4	-7.4%	0	1	1	\$10.55	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	239	236	-3	-1.3%	0	5	5	\$18.48	Bachelor's degree
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	234	269	35	15.0%	4	4	8	\$12.80	Moderate-term on-the-job training
27-2041	Music Directors and Composers	86	90	4	4.7%	0	2	2	NA	Bachelor's degree plus work experience
49-9063	Musical Instrument Repairers and Tuners	96	99	3	3.1%	0	2	2	NA	Long-term on-the-job training
27-2042	Musicians and Singers	306	358	52	17.0%	5	6	11	NA	Long-term on-the-job training
11-9121	Natural Sciences Managers	184	186	2	1.1%	0	3	3	\$28.89	Bachelor's degree plus work experience
15-1071	Network and Computer Systems Administrators	776	1,200	424	54.6%	42	3	45	\$22.58	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	225	336	111	49.3%	11	1	12	\$22.93	Bachelor's degree
43-4141	New Accounts Clerks	390	454	64	16.4%	6	8	14	\$11.60	Work experience in a related occupation
27-3020	News Analysts, Reporters and Correspondents	407	389	-18	-4.4%	0	13	13	\$14.34	Long-term on-the-job training
39-2021	Nonfarm Animal Caretakers	659	865	206	31.3%	21	14	35	\$8.17	Short-term on-the-job training
17-2161	Nuclear Engineers	238	248	10	4.2%	1	5	6	\$30.64	Bachelor's degree

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29-2033	Nuclear Medicine Technologists	71	77	6	8.5%	1	2	3	\$21.26	Associate degree
51-4012	Numerical Tool and Process Control Programmers	119	136	17	14.3%	2	4	6	NA	Long-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	9,712	10,484	772	7.9%	77	124	201	\$9.37	Short-term on-the-job training
25-1072	Nursing Instructors and Teachers, Postsecondary	167	202	35	21.0%	4	5	9	\$50,296	Master's degree
29-1064	Obstetricians and Gynecologists	94	118	24	25.5%	2	1	3	\$67.82	First professional degree
29-9010	Occupational Health and Safety Specialists and Technicians	199	227	28	14.1%	3	5	8	\$20.61	Bachelor's degree
31-2012	Occupational Therapist Aides	49	74	25	51.0%	3	1	4	\$10.96	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	67	91	24	35.8%	2	2	4	\$15.05	Associate degree
29-1122	Occupational Therapists	441	556	115	26.1%	12	11	23	\$23.49	Bachelor's degree
43-9061	Office Clerks, General	10,511	11,914	1,403	13.3%	140	202	342	\$10.43	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	244	211	-33	-13.5%	0	9	9	\$9.84	Short-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	1,846	1,786	-60	-3.3%	0	40	40	\$13.32	Moderate-term on-the-job training
15-2031	Operations Research Analysts	69	61	-8	-11.6%	0	2	2	\$22.29	Master's degree
51-9083	Ophthalmic Laboratory Technicians	39	39	0	0.0%	0	1	1	\$9.70	Moderate-term on-the-job training
29-2081	Opticians, Dispensing	179	206	27	15.1%	3	3	6	\$12.85	Long-term on-the-job training
29-1041	Optometrists	317	354	37	11.7%	4	6	10	\$39.99	First professional degree
43-4151	Order Clerks	1,640	1,294	-346	-21.1%	0	35	35	\$11.04	Short-term on-the-job training
29-2091	Orthotists and Prosthetists	55	52	-3	-5.5%	0	2	2	\$19.20	Bachelor's degree
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	273	291	18	6.6%	2	7	9	\$11.41	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,915	1,993	78	4.1%	8	42	50	\$10.89	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	4,645	5,026	381	8.2%	38	118	156	\$8.05	Short-term on-the-job training
47-2141	Painters, Construction and Maintenance	3,395	3,533	138	4.1%	14	60	74	\$14.39	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	527	588	61	11.6%	6	12	18	\$11.10	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	273	276	3	1.1%	0	6	6	\$9.97	Short-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	942	851	-91	-9.7%	0	19	19	\$14.95	Moderate-term on-the-job training
47-2142	Paperhangers	267	278	11	4.1%	1	5	6	\$12.64	Moderate-term on-the-job training
23-2011	Paralegals and Legal Assistants	868	937	69	7.9%	7	5	12	\$15.65	Associate degree
33-3041	Parking Enforcement Workers	37	42	5	13.5%	1	0	1	\$12.38	Short-term on-the-job training
53-6021	Parking Lot Attendants	90	94	4	4.4%	0	2	2	\$7.47	Short-term on-the-job training
41-2022	Parts Salespersons	1,358	1,233	-125	-9.2%	0	40	40	\$11.10	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	10	10	0	0.0%	0	0	0	NA	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	238	245	7	2.9%	1	5	6	\$11.98	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	918	877	-41	-4.5%	0	27	27	\$12.76	Short-term on-the-job training
29-1065	Pediatricians, General	103	124	21	20.4%	2	2	4	\$54.88	First professional degree
39-9021	Personal and Home Care Aides	4,515	7,859	3,344	74.1%	334	69	403	\$8.40	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	694	800	106	15.3%	11	16	27	\$7.17	Moderate-term on-the-job training
13-2052	Personal Financial Advisors	402	588	186	46.3%	19	5	24	\$24.80	Bachelor's degree
37-2021	Pest Control Workers	55	64	9	16.4%	1	1	2	\$11.76	Moderate-term on-the-job training

**Employment and Job Openings for All Occupations in Maine in 2000 and Projected 2010**  
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		2000	2010	Net	Percent	Growth	Replacement	Total		
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	140	122	-18	-12.9%	0	4	4	\$10.78	Moderate-term on-the-job training
29-1051	Pharmacists	966	1,132	166	17.2%	17	29	46	\$35.12	First professional degree
31-9095	Pharmacy Aides	79	89	10	12.7%	1	2	3	\$8.09	Short-term on-the-job training
29-2052	Pharmacy Technicians	1,185	1,549	364	30.7%	36	31	67	\$9.67	Moderate-term on-the-job training
25-1126	Philosophy and Religion Teachers, Postsecondary	57	69	12	21.1%	1	2	3	\$42,404	Doctoral degree
27-4021	Photographers	531	578	47	8.9%	5	11	16	\$11.11	Long-term on-the-job training
51-9131	Photographic Process Workers	209	181	-28	-13.4%	0	5	5	\$11.23	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	420	444	24	5.7%	2	11	13	\$9.28	Short-term on-the-job training
19-2099	Physical Scientists, All Other	37	41	4	10.8%	0	2	2	\$23.52	Bachelor's degree
31-2022	Physical Therapist Aides	114	146	32	28.1%	3	3	6	\$9.87	Short-term on-the-job training
31-2021	Physical Therapist Assistants	226	333	107	47.3%	11	7	18	\$16.78	Associate degree
29-1123	Physical Therapists	808	1,065	257	31.8%	26	20	46	\$23.60	Master's degree
29-1071	Physician Assistants	532	843	311	58.5%	31	12	43	\$35.68	Bachelor's degree
29-1069	Physicians and Surgeons, All Other	1,021	1,165	144	14.1%	14	15	29	NA	First professional degree
19-2012	Physicists	18	18	0	0.0%	0	1	1	\$32.57	Doctoral degree
25-1054	Physics Teachers, Postsecondary	38	47	9	23.7%	1	1	2	\$53,378	Doctoral degree
47-2151	Pipelayers	247	257	10	4.0%	1	4	5	\$13.49	Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	23	23	0	0.0%	0	1	1	\$16.98	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	89	90	1	1.1%	0	2	2	\$10.66	Long-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	113	116	3	2.7%	0	2	2	\$13.02	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,721	2,660	-61	-2.2%	0	45	45	\$16.71	Long-term on-the-job training
29-1081	Podiatrists	16	15	-1	-6.3%	0	0	0	NA	First professional degree
33-3051	Police and Sheriff's Patrol Officers	2,442	3,031	589	24.1%	59	52	111	\$14.28	Long-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	807	918	111	13.8%	11	13	24	\$11.96	Moderate-term on-the-job training
25-1065	Political Science Teachers, Postsecondary	74	90	16	21.6%	2	2	4	\$53,595	Doctoral degree
43-5051	Postal Service Clerks	633	670	37	5.8%	4	14	18	\$18.08	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,637	1,737	100	6.1%	10	50	60	\$17.40	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,282	1,262	-20	-1.6%	0	28	28	\$14.88	Short-term on-the-job training
11-9131	Postmasters and Mail Superintendents	373	395	22	5.9%	2	6	8	\$21.49	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	892	1,093	201	22.5%	20	24	44	\$51,230	Doctoral degree
51-8012	Power Distributors and Dispatchers	155	128	-27	-17.4%	0	5	5	\$22.59	Long-term on-the-job training
51-8013	Power Plant Operators	168	134	-34	-20.2%	0	5	5	\$20.99	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	225	193	-32	-14.2%	0	6	6	NA	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	389	342	-47	-12.1%	0	10	10	\$13.66	Long-term on-the-job training
25-2011	Preschool Teachers, Except Special Education	2,025	2,241	216	10.7%	22	25	47	\$9.98	Bachelor's degree
51-6021	Pressers, Textile, Garment, and Related Materials	133	126	-7	-5.3%	0	2	2	\$8.90	Short-term on-the-job training
51-5023	Printing Machine Operators	763	815	52	6.8%	5	19	24	\$12.87	Moderate-term on-the-job training
51-5099	Printing Workers, All Other (OES Only)	56	54	-2	-3.6%	0	1	1	NA	Moderate-term on-the-job training

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33-9021	Private Detectives and Investigators	155	207	52	33.5%	5	4	9	\$15.25	Work experience in a related occupation
21-1092	Probation Officers and Correctional Treatment Specialists	503	646	143	28.4%	14	8	22	\$14.20	Bachelor's degree
43-3061	Procurement Clerks	326	270	-56	-17.2%	0	7	7	\$14.49	Short-term on-the-job training
27-2012	Producers and Directors	290	300	10	3.4%	1	6	7	\$33,190	Bachelor's degree plus work experience
51-9199	Production Workers, All Other	3,891	3,738	-153	-3.9%	0	70	70	\$14.68	Moderate-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,048	1,047	-1	-0.1%	0	18	18	\$18.20	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	174	161	-13	-7.5%	0	6	6	\$11.00	Short-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	1,295	1,425	130	10.0%	13	21	34	\$17.97	Bachelor's degree
33-9099	Protective Service Workers, All Other	382	433	51	13.4%	5	29	34	\$12.67	Short-term on-the-job training
31-1013	Psychiatric Aides	425	586	161	37.9%	16	5	21	\$11.04	Short-term on-the-job training
29-2053	Psychiatric Technicians	360	363	3	0.8%	0	9	9	\$11.14	Postsecondary vocational training
29-1066	Psychiatrists	145	209	64	44.1%	6	2	8	\$63.59	First professional degree
25-1066	Psychology Teachers, Postsecondary	87	106	19	21.8%	2	2	4	\$53,983	Doctoral degree
11-2031	Public Relations Managers	336	447	111	33.0%	11	5	16	\$23.26	Bachelor's degree plus work experience
27-3031	Public Relations Specialists	306	397	91	29.7%	9	5	14	\$19.01	Bachelor's degree
13-1021	Purchasing Agents and Buyers, Farm Products	41	45	4	9.8%	0	1	1	\$18.60	Work experience in a related occupation
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	870	893	23	2.6%	2	17	19	\$18.97	Bachelor's degree
11-3061	Purchasing Managers	584	519	-65	-11.1%	0	18	18	\$24.13	Bachelor's degree plus work experience
29-1124	Radiation Therapists	61	70	9	14.8%	1	1	2	\$20.15	Associate degree
49-2021	Radio Mechanics	32	19	-13	-40.6%	0	1	1	\$14.46	Postsecondary vocational training
27-4013	Radio Operators	11	10	-1	-9.1%	0	0	0	\$14.68	Long-term on-the-job training
29-2034	Radiologic Technologists and Technicians	818	944	126	15.4%	13	18	31	\$17.61	Associate degree
47-4061	Rail-Track Laying and Maintenance Equipment Operators	96	90	-6	-6.3%	0	2	2	\$15.98	Moderate-term on-the-job training
41-9021	Real Estate Brokers	761	737	-24	-3.2%	0	13	13	\$35.09	Work experience in a related occupation
41-9022	Real Estate Sales Agents	714	697	-17	-2.4%	0	12	12	\$13.31	Postsecondary vocational training
43-4171	Receptionists and Information Clerks	4,505	5,404	899	20.0%	90	99	189	\$9.44	Short-term on-the-job training
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	79	96	17	21.5%	2	2	4	\$49,497	Master's degree
39-9032	Recreation Workers	973	1,146	173	17.8%	17	20	37	\$9.52	Bachelor's degree
29-1125	Recreational Therapists	209	234	25	12.0%	3	5	8	\$12.93	Bachelor's degree
49-3092	Recreational Vehicle Service Technicians	70	90	20	28.6%	2	3	5	\$14.26	Long-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	440	455	15	3.4%	2	19	21	\$10.36	Short-term on-the-job training
29-1111	Registered Nurses	12,182	14,903	2,721	22.3%	272	246	518	\$21.67	Associate degree
21-1015	Rehabilitation Counselors	878	1,198	320	36.4%	32	18	50	\$11.05	Master's degree
47-2171	Reinforcing Iron and Rebar Workers	30	31	1	3.3%	0	0	0	\$18.67	Long-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	318	365	47	14.8%	5	9	14	\$10.95	Short-term on-the-job training
39-9041	Residential Advisors	415	515	100	24.1%	10	9	19	\$9.99	Moderate-term on-the-job training
29-1126	Respiratory Therapists	400	522	122	30.5%	12	10	22	\$18.91	Associate degree
29-2054	Respiratory Therapy Technicians	53	67	14	26.4%	1	1	2	\$16.09	Postsecondary vocational training

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		2000	2010	Net	Percent	Growth	Replacement	Total		
41-2031	Retail Salespersons	17,394	18,424	1,030	5.9%	103	662	765	\$9.46	Short-term on-the-job training
49-9096	Riggers	311	305	-6	-1.9%	0	6	6	\$16.92	Short-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	81	71	-10	-12.3%	0	3	3	\$14.18	Moderate-term on-the-job training
47-2181	Roofers	504	558	54	10.7%	5	12	17	\$11.73	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	183	192	9	4.9%	1	6	7	\$11.55	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	1,957	2,301	344	17.6%	34	43	77	\$16.29	Moderate-term on-the-job training
41-9031	Sales Engineers	105	103	-2	-1.9%	0	3	3	\$32.79	Bachelor's degree
11-2022	Sales Managers	1,163	1,455	292	25.1%	29	17	46	\$30.34	Bachelor's degree plus work experience
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,002	6,022	20	0.3%	2	163	165	\$21.67	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,600	1,647	47	2.9%	5	43	48	\$28.96	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	937	1,010	73	7.8%	7	37	44	\$10.54	Moderate-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	7,573	8,186	613	8.1%	61	231	292	\$39,075	Bachelor's degree
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only)	1,772	1,742	-30	-1.7%	0	28	28	\$11.37	Short-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	8,874	8,491	-383	-4.3%	0	151	151	\$11.00	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	656	955	299	45.6%	30	5	35	\$34.33	Bachelor's degree
49-2098	Security and Fire Alarm Systems Installers	110	159	49	44.5%	5	2	7	\$15.60	Postsecondary vocational training
33-9032	Security Guards	2,630	3,245	615	23.4%	62	72	134	\$9.13	Short-term on-the-job training
25-3021	Self-Enrichment Education Teachers	1,468	1,734	266	18.1%	27	15	42	\$13.68	Work experience in a related occupation
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	338	312	-26	-7.7%	0	8	8	\$15.60	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	76	70	-6	-7.9%	0	2	2	\$15.56	Moderate-term on-the-job training
53-6031	Service Station Attendants	1,266	1,036	-230	-18.2%	0	64	64	\$7.11	Short-term on-the-job training
27-1027	Set and Exhibit Designers	28	34	6	21.4%	1	0	1	\$14.12	Bachelor's degree
51-6051	Sewers, Hand	289	180	-109	-37.7%	0	6	6	NA	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,601	1,193	-408	-25.5%	0	17	17	\$8.80	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,170	1,237	67	5.7%	7	24	31	\$15.52	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	3,833	3,980	147	3.8%	15	77	92	\$10.83	Short-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	1,242	806	-436	-35.1%	0	49	49	\$8.86	Long-term on-the-job training
51-6042	Shoe Machine Operators and Tenders	1,095	449	-646	-59.0%	0	10	10	NA	Moderate-term on-the-job training
49-9097	Signal and Track Switch Repairers	23	24	1	4.3%	0	1	1	NA	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	23	22	-1	-4.3%	0	1	1	NA	Moderate-term on-the-job training
11-9151	Social and Community Service Managers	1,164	1,588	424	36.4%	42	22	64	\$19.27	Bachelor's degree
21-1093	Social and Human Service Assistants	2,128	3,713	1,585	74.5%	159	32	191	\$11.36	Moderate-term on-the-job training
19-3099	Social Scientists and Related Workers, All Other	142	154	12	8.5%	1	3	4	\$19.95	Master's degree
25-1113	Social Work Teachers, Postsecondary	41	50	9	22.0%	1	1	2	\$49,398	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	55	67	12	21.8%	1	2	3	\$50,750	Doctoral degree
27-4014	Sound Engineering Technicians	54	35	-19	-35.2%	0	2	2	\$14.93	Postsecondary vocational training
25-2042	Special Education Teachers, Middle School	695	789	94	13.5%	9	9	18	\$35,333	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,216	1,515	299	24.6%	30	15	45	\$37,420	Bachelor's degree

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25-2043	Special Education Teachers, Secondary School	814	926	112	13.8%	11	10	21	\$38,097	Bachelor's degree
29-1127	Speech-Language Pathologists	674	874	200	29.7%	20	17	37	\$20.77	Master's degree
51-8021	Stationary Engineers and Boiler Operators	564	495	-69	-12.2%	0	16	16	\$17.79	Long-term on-the-job training
43-9111	Statistical Assistants	124	123	-1	-0.8%	0	1	1	\$19.07	Moderate-term on-the-job training
15-2041	Statisticians	57	57	0	0.0%	0	1	1	\$21.88	Master's degree
43-5081	Stock Clerks and Order Fillers	7,192	7,268	76	1.1%	8	256	264	\$9.99	Short-term on-the-job training
47-2022	Stonemasons	125	133	8	6.4%	1	2	3	\$16.27	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	354	368	14	4.0%	1	4	5	\$15.74	Long-term on-the-job training
21-1011	Substance Abuse and Behavioral Disorder Counselors	329	488	159	48.3%	16	7	23	\$15.72	Master's degree
29-1067	Surgeons	411	524	113	27.5%	11	6	17	\$69.67	First professional degree
29-2055	Surgical Technologists	262	304	42	16.0%	4	7	11	\$13.64	Postsecondary vocational training
19-3022	Survey Researchers	23	28	5	21.7%	1	1	2	\$14.75	Bachelor's degree
17-3031	Surveying and Mapping Technicians	291	291	0	0.0%	0	9	9	\$14.41	Moderate-term on-the-job training
17-1022	Surveyors	347	317	-30	-8.6%	0	11	11	\$18.49	Bachelor's degree
43-2011	Switchboard Operators, Including Answering Service	967	735	-232	-24.0%	0	29	29	\$10.01	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	286	273	-13	-4.5%	0	6	6	\$10.84	Work experience in a related occupation
47-2082	Tapers	194	191	-3	-1.5%	0	2	2	\$15.35	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	474	529	55	11.6%	6	13	19	\$17.26	Bachelor's degree
13-2082	Tax Preparers	250	274	24	9.6%	2	5	7	\$13.65	Moderate-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	765	865	100	13.1%	10	6	16	\$8.63	Short-term on-the-job training
25-9041	Teacher Assistants	7,770	8,775	1,005	12.9%	101	162	263	\$10.73	Short-term on-the-job training
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	2,869	3,191	322	11.2%	32	29	61	\$22,556	Bachelor's degree
51-2092	Team Assemblers	3,639	3,552	-87	-2.4%	0	64	64	\$10.03	Moderate-term on-the-job training
27-3042	Technical Writers	129	133	4	3.1%	0	4	4	\$22.98	Bachelor's degree
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	697	641	-56	-8.0%	0	13	13	\$21.76	Postsecondary vocational training
49-9052	Telecommunications Line Installers and Repairers	488	515	27	5.5%	3	9	12	\$19.09	Long-term on-the-job training
41-9041	Telemarketers	3,697	4,717	1,020	27.6%	102	76	178	\$11.14	Short-term on-the-job training
43-3071	Tellers	2,696	2,806	110	4.1%	11	130	141	\$9.09	Short-term on-the-job training
47-2053	Terrazzo Workers and Finishers	54	49	-5	-9.3%	0	1	1	NA	Long-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	82	80	-2	-2.4%	0	2	2	\$11.49	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	366	362	-4	-1.1%	0	6	6	\$10.18	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	409	383	-26	-6.4%	0	7	7	\$11.32	Long-term on-the-job training
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	442	418	-24	-5.4%	0	10	10	\$10.80	Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	153	172	19	12.4%	2	3	5	\$9.84	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	223	242	19	8.5%	2	4	6	\$18.82	Long-term on-the-job training
49-3093	Tire Repairers and Changers	451	501	50	11.1%	5	17	22	\$8.98	Short-term on-the-job training
23-2093	Title Examiners, Abstractors, and Searchers	88	101	13	14.8%	1	1	2	\$16.13	Moderate-term on-the-job training
51-4111	Tool and Die Makers	243	242	-1	-0.4%	0	6	6	\$19.74	Long-term on-the-job training

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51-4194	Tool Grinders, Filers, and Sharpeners	116	99	-17	-14.7%	0	3	3	\$12.85	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	156	187	31	19.9%	3	5	8	\$7.48	Moderate-term on-the-job training
13-1073	Training and Development Specialists	883	979	96	10.9%	10	17	27	\$18.47	Bachelor's degree
33-3052	Transit and Railroad Police	46	47	1	2.2%	0	1	1	\$20.49	Long-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	44	57	13	29.5%	1	2	3	\$9.50	Short-term on-the-job training
53-6051	Transportation Inspectors	74	77	3	4.1%	0	2	2	\$26.77	Work experience in a related occupation
53-6099	Transportation Workers, All Other	117	133	16	13.7%	2	5	7	\$13.57	Short-term on-the-job training
11-3071	Transportation, Storage, and Distribution Managers	704	786	82	11.6%	8	11	19	\$22.81	Work experience in a related occupation
41-3041	Travel Agents	468	538	70	15.0%	7	11	18	\$12.28	Postsecondary vocational training
39-6022	Travel Guides	15	16	1	6.7%	0	0	0	NA	Long-term on-the-job training
37-3013	Tree Trimmers and Pruners	165	161	-4	-2.4%	0	4	4	\$12.92	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,104	11,893	789	7.1%	79	153	232	\$13.74	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	5,894	6,632	738	12.5%	74	81	155	\$11.69	Short-term on-the-job training
51-6093	Upholsterers	72	57	-15	-20.8%	0	2	2	\$12.86	Long-term on-the-job training
19-3051	Urban and Regional Planners	135	155	20	14.8%	2	3	5	\$20.68	Master's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	285	376	91	31.9%	9	23	32	\$8.00	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	331	336	5	1.5%	1	13	14	\$8.71	Moderate-term on-the-job training
29-1131	Veterinarians	324	389	65	20.1%	7	6	13	\$27.65	First professional degree
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	481	590	109	22.7%	11	13	24	\$10.05	Short-term on-the-job training
29-2056	Veterinary Technologists and Technicians	321	396	75	23.4%	8	8	16	\$11.10	Associate degree
25-2023	Vocational Education Teachers, Middle School	120	124	4	3.3%	0	3	3	\$38,446	Bachelor's degree
25-1194	Vocational Education Teachers, Postsecondary	769	896	127	16.5%	13	21	34	\$18.49	Work experience in a related occupation
25-2032	Vocational Education Teachers, Secondary School	320	332	12	3.8%	1	10	11	\$41,464	Bachelor's degree
35-3031	Waiters and Waitresses	8,623	9,068	445	5.2%	45	485	530	\$8.04	Short-term on-the-job training
49-9064	Watch Repairers	21	19	-2	-9.5%	0	1	1	NA	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	493	532	39	7.9%	4	15	19	\$16.45	Long-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	216	224	8	3.7%	1	5	6	\$12.36	Short-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,850	2,024	174	9.4%	17	52	69	\$14.46	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	291	317	26	8.9%	3	8	11	\$15.28	Moderate-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	922	813	-109	-11.8%	0	28	28	\$15.78	Bachelor's degree
51-7099	Woodworkers, All Other	151	186	35	23.2%	4	6	10	\$8.53	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,693	1,633	-60	-3.5%	0	69	69	\$9.56	Moderate-term on-the-job training
43-9022	Word Processors and Typists	1,788	1,428	-360	-20.1%	0	36	36	\$10.87	Moderate-term on-the-job training
27-3043	Writers and Authors	498	546	48	9.6%	5	8	13	\$17.90	Bachelor's degree
19-1023	Zoologists and Wildlife Biologists	186	206	20	10.8%	2	7	9	\$20.29	Doctoral degree

Average wages are for wage and salary workers only and do not include the self-employed.



**Education and Training Requirement Definitions**

Education/Training Level	Definition
First Professional degree	Completion of a 6-year academic program
Doctoral degree	Completion of a 3-year academic program beyond a bachelor's degree
Master's degree	Completion of a 1- to 2-year academic program beyond a bachelor's degree
Bachelor's degree plus work experience	Completion of a 4-year academic program or higher degree beyond high school, plus related occupational experience
Bachelor's degree	Completion of a 4-year academic program beyond high school
Associate's degree	Completion of a 2-year academic program beyond high school
Post-Secondary vocational training	Completion of a vocational training program
Work experience in a related occupation	Related occupational experience leading to development of specific skills
Long-term on-the-job training	More than 1 year of on-the-job training or a combination of training and classroom instruction
Moderate-term on-the-job training	1 to 12 months of on-the-job training
Short-term on-the-job training	Up to 1 month of on-the-job training

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