



Maine Employment Outlook to 2016

August 2008

Maine Employment Outlook

2006 to 2016

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 2006 to 2016. 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.

Projections Highlights

- Employment opportunities will be concentrated in service-providing industries. Education and health services, retail trade, and leisure and hospitality services are expected to create about three-quarters 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 and computer-related occupations will continue to grow faster than average.

Questions about industry trends should be directed to Glenn Mills, Director of Economic Research. Questions about occupational trends should be directed to Merrill Huhtala, Occupational Employment Statistics and Projections Manager. Glenn and Merrill can be reached at 207-623-7900.

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**Industry Employment
2006 and Projected 2016**

Employment by Industry in Maine, 2006 and Projected 2016

Industry	Average Employment		Employment Change	
	2006	2016	Net	Percent
Total Employment	676,816	710,509	33,690	5.0%
Self-Employed, Private Household, and Unpaid Family Workers	78,369	80,869	2,500	3.2%
Wage and Salary Jobs	598,447	629,640	31,193	5.2%
Total Private	498,797	530,213	31,416	6.3%
Goods-Producing Industries	97,262	91,087	-6,175	-6.3%
Natural Resources and Mining	5,848	6,056	208	3.6%
Agriculture, Forestry, Fishing and Hunting	5,723	5,926	203	3.5%
Crop production	1,472	1,711	239	16.2%
Animal production	740	781	41	5.5%
Forestry and logging	2,735	2,657	-78	-2.9%
Fishing, hunting and trapping	377	477	100	26.5%
Agriculture and forestry support activities	399	300	-99	-24.8%
Mining	125	130	5	4.0%
Mining, except oil and gas	125	130	5	4.0%
Construction	31,312	32,600	1,288	4.1%
Construction of buildings	8,067	7,850	-217	-2.7%
Heavy and civil engineering construction	3,170	3,250	80	2.5%
Specialty trade contractors	20,075	21,500	1,425	7.1%
Manufacturing	60,102	52,431	-7,671	-12.8%
Durable Goods	32,040	28,286	-3,754	-11.7%
Wood product manufacturing	6,214	4,900	-1,314	-21.1%
Nonmetallic mineral product manufacturing	1,566	1,450	-116	-7.4%
Primary metal manufacturing	359	251	-108	-30.1%
Fabricated metal product manufacturing	4,875	5,795	920	18.9%
Machinery manufacturing	2,130	1,400	-730	-34.3%
Computer and electronic product manufacturing	3,536	2,000	-1,536	-43.4%
Electrical equipment and appliance mfg.	771	400	-371	-48.1%
Transportation equipment manufacturing	9,132	9,286	154	1.7%
Furniture and related product manufacturing	1,441	850	-591	-41.0%
Miscellaneous manufacturing	2,016	1,954	-62	-3.1%
Nondurable Goods	28,062	24,145	-3,917	-14.0%
Food manufacturing	6,167	5,100	-1,067	-17.3%
Beverage and tobacco product manufacturing	1,154	1,320	166	14.4%
Textile mills	1,500	1,439	-61	-4.1%
Textile product mills	1,063	850	-213	-20.0%
Apparel manufacturing	228	228	0	0.0%
Leather and allied product manufacturing	2,228	1,650	-578	-25.9%
Paper manufacturing	9,040	6,350	-2,690	-29.8%
Printing and related support activities	2,376	1,950	-426	-17.9%
Petroleum and coal products manufacturing	381	320	-61	-16.0%
Chemical manufacturing	1,659	2,138	479	28.9%

Employment by Industry in Maine, 2006 and Projected 2016

Industry	Average Employment		Employment Change	
	2006	2016	Net	Percent
Plastics and rubber products manufacturing	2,266	2,800	534	23.6%
Service-Providing Industries	501,185	538,553	37,368	7.5%
Trade, Transportation, and Utilities	125,057	130,537	5,480	4.4%
Wholesale Trade	21,609	23,300	1,691	7.8%
Merchant wholesalers, durable goods	10,029	10,000	-29	-0.3%
Merchant wholesalers, nondurable goods	8,187	8,300	113	1.4%
Electronic markets and agents and brokers	3,393	5,000	1,607	47.4%
Retail Trade	87,268	89,957	2,689	3.1%
Motor vehicle and parts dealers	10,482	10,939	457	4.4%
Furniture and home furnishings stores	2,257	2,173	-84	-3.7%
Electronics and appliance stores	1,828	2,000	172	9.4%
Building material and garden supply stores	7,649	7,790	141	1.8%
Food and beverage stores	18,131	19,200	1,069	5.9%
Health and personal care stores	3,450	3,700	250	7.2%
Gasoline stations	7,551	7,671	120	1.6%
Clothing and clothing accessories stores	5,166	5,314	148	2.9%
Sporting goods, hobby, book and music stores	3,865	3,200	-665	-17.2%
General merchandise stores	12,606	12,791	185	1.5%
Miscellaneous store retailers	5,045	4,700	-345	-6.8%
Nonstore retailers	9,238	10,479	1,241	13.4%
Transportation and Warehousing	14,332	15,373	1,041	7.3%
Air transportation	383	370	-13	-3.4%
Water transportation	128	128	0	0.0%
Truck transportation	6,293	6,472	179	2.8%
Transit and ground passenger transportation	1,418	1,560	142	10.0%
Pipeline transportation	72	73	1	1.4%
Scenic and sightseeing transportation	233	207	-26	-11.2%
Support activities for transportation	1,461	1,656	195	13.3%
Couriers and messengers	1,918	2,092	174	9.0%
Warehousing and storage	2,426	2,815	389	16.0%
Utilities	1,848	1,907	59	3.2%
Information	11,269	11,467	198	1.8%
Publishing industries, except Internet	3,544	3,576	32	0.9%
Motion picture and sound recording industries	1,135	1,357	222	19.6%
Broadcasting, except Internet	1,283	1,050	-233	-18.2%
Internet publishing and broadcasting	83	95	12	14.5%
Telecommunications	3,052	2,979	-73	-2.4%
ISPs, search portals, and data processing	1,178	1,200	22	1.9%
Other Information Services	994	1,210	216	21.7%
Financial Activities	32,333	33,427	1,094	3.4%
Finance and Insurance	25,260	25,987	727	2.9%

Employment by Industry in Maine, 2006 and Projected 2016

Industry	Average Employment		Employment Change	
	2006	2016	Net	Percent
Credit intermediation and related activities	12,997	13,680	683	5.3%
Securities, commodity contracts, investments	1,469	1,453	-16	-1.1%
Insurance carriers and related activities	10,735	10,800	65	0.6%
Funds, trusts, and other financial vehicles	59	54	-5	-8.5%
Real Estate and Rental and Leasing	7,073	7,440	367	5.2%
Real estate	4,415	4,786	371	8.4%
Rental and leasing services	2,658	2,654	-4	-0.2%
Professional and Business Services	51,843	57,733	5,890	11.4%
Professional, Scientific and Tech Services	23,457	26,094	2,637	11.2%
Management of companies and enterprises	5,641	6,050	409	7.3%
Administrative and support services	21,053	23,805	2,752	13.1%
Waste management and remediation services	1,692	1,784	92	5.4%
Education and Health Services	105,156	124,144	18,988	18.1%
Educational services	9,490	11,298	1,808	19.1%
Health Care and Social Assistance	95,666	112,846	17,180	18.0%
Ambulatory health care services	24,904	30,507	5,603	22.5%
Hospitals	29,592	34,900	5,308	17.9%
Nursing and residential care facilities	22,562	24,829	2,267	10.0%
Social assistance	18,608	22,610	4,002	21.5%
Leisure and Hospitality	59,731	65,382	5,651	9.5%
Arts, Entertainment, and Recreation	7,938	8,882	944	11.9%
Performing arts and spectator sports	1,028	1,107	79	7.7%
Museums, historical sites, zoos, and parks	445	475	30	6.7%
Amusements, gambling, and recreation	6,465	7,300	835	12.9%
Accommodation and Food Services	51,793	56,500	4,707	9.1%
Accommodation	11,207	12,000	793	7.1%
Food services and drinking places	40,586	44,500	3,914	9.6%
Other Services	16,146	16,436	290	1.8%
Repair and maintenance	4,931	5,000	69	1.4%
Personal and laundry services	4,243	4,391	148	3.5%
Membership associations and organizations	5,287	5,345	58	1.1%
Private households	1,685	1,700	15	0.9%
Government	99,650	99,427	-223	-0.2%
Federal	14,039	13,150	-889	-6.3%
State	24,573	24,652	79	0.3%
Local	61,038	61,625	587	1.0%

Industries Projected to Gain or Lose the Largest Number of Jobs in Maine Between 2006 and 2016

Industries Expected to Gain 135 or More Jobs		Industries Expected to Lose Jobs	
Ambulatory health care services	5,603	Paper manufacturing	-2,690
Hospitals	5,308	Computer and electronic product manufacturing	-1,536
Social assistance	4,002	Wood product manufacturing	-1,314
Food services and drinking places	3,914	Food manufacturing	-1,067
Administrative and support services	2,752	Federal government	-889
Professional, Scientific and Tech Services	2,637	Machinery manufacturing	-730
Nursing and residential care facilities	2,267	Sporting goods, hobby, book and music stores	-665
Educational services	1,808	Furniture and related product manufacturing	-591
Electronic markets and agents and brokers	1,607	Leather and allied product manufacturing	-578
Specialty trade contractors	1,425	Printing and related support activities	-426
Nonstore retailers	1,241	Electrical equipment and appliance mfg.	-371
Food and beverage stores	1,069	Miscellaneous store retailers	-345
Fabricated metal product manufacturing	920	Broadcasting, except Internet	-233
Amusements, gambling, and recreation	835	Construction of buildings	-217
Accommodation	793	Textile product mills	-213
Credit intermediation and related activities	683	Nonmetallic mineral product manufacturing	-116
Local government	587	Primary metal manufacturing	-108
Plastics and rubber products manufacturing	534	Agriculture and forestry support activities	-99
Chemical manufacturing	479	Furniture and home furnishings stores	-84
Motor vehicle and parts dealers	457	Forestry and logging	-78
Management of companies and enterprises	409	Telecommunications	-73
Warehousing and storage	389	Miscellaneous manufacturing	-62
Real estate	371	Textile mills	-61
Health and personal care stores	250	Petroleum and coal products manufacturing	-61
Crop production	239	Merchant wholesalers, durable goods	-29
Motion picture and sound recording industries	222	Scenic and sightseeing transportation	-26
Other Information Services	216	Securities, commodity contracts, investments	-16
Support activities for transportation	195	Air transportation	-13
General merchandise stores	185	Funds, trusts, and other financial vehicles	-5
Truck transportation	179	Rental and leasing services	-4
Electronics and appliance stores	172		
Couriers and messengers	172		
Beverage and tobacco product manufacturing	166		
Transportation equipment manufacturing	154		
Clothing and clothing accessories stores	148		
Personal and laundry services	148		
Transit and ground passenger transportation	142		
Building material and garden supply stores	141		

Industries Projected to Gain or Lose Jobs at the Fastest Rate in Maine Between 2006 and 2016

Industries Expected to Gain Jobs by Four Percent or More		Industries Expected to Lose Jobs	
Electronic markets and agents and brokers	47.4%	Electrical equipment and appliance mfg.	-48.1%
Chemical manufacturing	28.9%	Computer and electronic product manufacturing	-43.4%
Fishing, hunting and trapping	26.5%	Furniture and related product manufacturing	-41.0%
Plastics and rubber products manufacturing	23.6%	Machinery manufacturing	-34.3%
Ambulatory health care services	22.5%	Primary metal manufacturing	-30.1%
Other Information Services	21.7%	Paper manufacturing	-29.8%
Social assistance	21.5%	Leather and allied product manufacturing	-25.9%
Motion picture and sound recording industries	19.6%	Agriculture and forestry support activities	-24.8%
Educational services	19.1%	Wood product manufacturing	-21.1%
Fabricated metal product manufacturing	18.9%	Textile product mills	-20.0%
Hospitals	17.9%	Broadcasting, except Internet	-18.2%
Crop production	16.2%	Printing and related support activities	-17.9%
Warehousing and storage	16.0%	Food manufacturing	-17.3%
Internet publishing and broadcasting	14.5%	Sporting goods, hobby, book and music stores	-17.2%
Beverage and tobacco product manufacturing	14.4%	Petroleum and coal products manufacturing	-16.0%
Nonstore retailers	13.4%	Scenic and sightseeing transportation	-11.2%
Support activities for transportation	13.3%	Funds, trusts, and other financial vehicles	-8.5%
Administrative and support services	13.1%	Nonmetallic mineral product manufacturing	-7.4%
Amusements, gambling, and recreation	12.9%	Miscellaneous store retailers	-6.8%
Professional, Scientific and Tech Services	11.2%	Federal government	-6.3%
Nursing and residential care facilities	10.0%	Textile mills	-4.1%
Transit and ground passenger transportation	10.0%	Furniture and home furnishings stores	-3.7%
Food services and drinking places	9.6%	Air transportation	-3.4%
Electronics and appliance stores	9.4%	Miscellaneous manufacturing	-3.1%
Couriers and messengers	9.0%	Forestry and logging	-2.9%
Real estate	8.4%	Construction of buildings	-2.7%
Performing arts and spectator sports	7.7%	Telecommunications	-2.4%
Management of companies and enterprises	7.3%	Securities, commodity contracts, investments	-1.1%
Health and personal care stores	7.2%	Merchant wholesalers, durable goods	-0.3%
Specialty trade contractors	7.1%	Rental and leasing services	-0.2%
Accommodation	7.1%		
Museums, historical sites, zoos, and parks	6.7%		
Food and beverage stores	5.9%		
Animal production	5.5%		
Waste management and remediation services	5.4%		
Credit intermediation and related activities	5.3%		
Motor vehicle and parts dealers	4.4%		
Mining, except oil and gas	4.0%		

Occupational Employment 2006 and Projected 2016

Employment by Occupational Group in Maine in 2006 and Projected 2016

Occupational Group	Average Employment		Change in Employment		Average Annual Openings			2007 Average Wage
	2006	2016	Net	Percent	Growth	Replacement	Total	
<i>Total</i>	676,816	710,509	33,690	5.0%	4,631	14,773	19,404	\$17.53
Management, Business and Financial Occupations	60,576	63,849	3,273	5.4%	397	1,183	1,580	\$32.25
Management Occupations	37,118	38,646	1,528	4.1%	213	774	987	\$36.83
Business and Financial Operations Occupations	23,458	25,203	1,745	7.4%	184	409	593	\$25.71
Professional and Related Occupations	136,531	149,511	12,980	9.5%	1,440	2,767	4,207	\$24.19
Computer and Mathematical Occupations	8,394	9,719	1,325	15.8%	143	196	339	\$28.39
Architecture and Engineering Occupations	9,135	8,981	-154	-1.7%	31	213	244	\$28.19
Life, Physical, and Social Science Occupations	5,304	5,713	409	7.7%	45	138	183	\$25.51
Community and Social Services Occupations	16,682	19,319	2,637	15.8%	265	271	536	\$16.85
Legal Occupations	4,639	5,004	365	7.9%	38	81	119	\$34.77
Education, Training, and Library Occupations	40,670	41,876	1,206	3.0%	171	842	1,013	\$39,820
Arts, Design, Entertainment, Sports, and Media Occupations	14,216	14,573	357	2.5%	62	337	399	\$16.90
Healthcare Practitioners and Technical Occupations	37,491	44,326	6,835	18.2%	685	689	1,374	\$31.36
Service Occupations	133,794	148,114	14,320	10.7%	1,448	3,219	4,667	\$11.18
Healthcare Support Occupations	22,143	25,328	3,185	14.4%	321	226	547	\$11.85
Protective Service Occupations	10,131	11,153	1,022	10.1%	102	293	395	\$16.06
Food Preparation and Serving Related Occupations	53,610	58,719	5,109	9.5%	511	1,770	2,281	\$9.85
Building and Grounds Cleaning and Maintenance Occupations	25,373	27,214	1,841	7.3%	184	436	620	\$11.72
Personal Care and Service Occupations	22,537	25,700	3,163	14.0%	330	494	824	\$10.51
Sales and Related Occupations	68,674	70,743	2,069	3.0%	276	2,079	2,355	\$15.11
Office and Administrative Support Occupations	104,429	106,806	2,377	2.3%	551	2,202	2,753	\$13.95
Farming, Fishing, and Forestry Occupations	9,151	9,679	528	5.8%	82	176	258	\$14.44
Construction and Extraction Occupations	42,460	43,460	1,000	2.4%	122	737	859	\$16.96
Installation, Maintenance, and Repair Occupations	29,757	30,622	865	2.9%	128	495	623	\$17.56
Production Occupations	45,254	41,401	-3,853	-8.5%	70	906	976	\$15.29
Transportation and Material Moving Occupations	46,191	46,322	131	0.3%	117	1,011	1,128	\$13.55

Average wages are for wage and salary workers and do not include the self-employed. The average by occupational group is an estimate calculated using 2007 wages and 2006 employment.

Occupational Employment by Education/Training Requirement in Maine in 2006 and Projected 2016

Education/Training Requirement	Average Employment		Percent of Total Employment		Change in Employment		Average Annual Openings			2007 Average Wage
	2006	2016	2006	2016	Net	Percent	Growth	Replacement	Total	
	<i>Total</i>	676,816	710,509	100.0%	100.0%	33,693	5.0%	4,631	14,773	19,404
First Professional degree	9,905	10,908	1.5%	1.5%	1,003	10.1%	102	180	282	\$60.16
Doctoral degree	4,184	4,644	0.6%	0.7%	460	11.0%	48	72	120	\$32.18
Master's degree	13,921	15,436	2.1%	2.2%	1,515	10.9%	154	265	419	\$24.18
Bachelor's degree plus work experience	28,635	29,359	4.2%	4.1%	724	2.5%	129	627	756	\$37.19
Bachelor's degree	70,727	75,758	10.4%	10.7%	5,031	7.1%	581	1,433	2,014	\$24.71
Associate degree	28,554	32,694	4.2%	4.6%	4,140	14.5%	460	540	1,000	\$24.39
Postsecondary vocational training	38,769	41,700	5.7%	5.9%	2,931	7.6%	320	672	992	\$14.67
Work experience in a related occupation	64,324	67,332	9.5%	9.5%	3,008	4.7%	340	1,224	1,564	\$21.71
Long-term on-the-job training	59,981	61,462	8.9%	8.7%	1,481	2.5%	256	1,243	1,499	\$17.27
Moderate-term on-the-job training	128,587	132,380	19.0%	18.6%	3,793	2.9%	808	2,287	3,095	\$14.45
Short-term on-the-job training	229,230	238,834	33.9%	33.6%	9,604	4.2%	1,452	6,253	7,705	\$11.00

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 2007 wages and 2006 employment.

Forty Occupations with the Largest Projected Number of Annual Openings in Maine Between 2006 and 2016

SOC Code	Occupation	Average Employment		Average Annual Openings			Education/Training Requirement
		2006	2016	Growth	Replacement	Total	
41-2011	Cashiers	15,871	15,649	0	755	755	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,928	11,788	86	594	680	Short-term on-the-job training
41-2031	Retail Salespersons	19,296	20,128	83	594	677	Short-term on-the-job training
29-1111	Registered Nurses	14,048	17,045	300	232	532	Associate degree
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	13,466	15,461	200	255	455	Short-term on-the-job training
43-4051	Customer Service Representatives	8,109	9,441	133	226	359	Moderate-term on-the-job training
43-9061	Office Clerks, General	14,238	15,020	78	261	339	Short-term on-the-job training
39-9021	Personal and Home Care Aides	6,188	7,925	174	105	279	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,560	8,354	0	274	274	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,827	12,184	36	210	246	Moderate-term on-the-job training
35-2021	Food Preparation Workers	5,526	6,052	53	192	245	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,828	10,361	53	188	241	Short-term on-the-job training
39-9011	Child Care Workers	5,781	6,288	51	166	217	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,067	10,114	5	211	216	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,214	6,960	75	137	212	Work experience in a related occupation
11-1021	General and Operations Managers	8,671	8,263	0	209	209	Bachelor's or higher, plus experience
37-2012	Maids and Housekeeping Cleaners	7,990	8,523	53	151	204	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,720	7,979	26	159	185	Work experience in a related occupation
43-3071	Tellers	2,974	3,518	54	130	184	High-School Diploma or Less
21-1093	Social and Human Service Assistants	4,791	6,063	127	55	182	Moderate-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,601	6,921	0	180	180	Short-term on-the-job training
35-2014	Cooks, Restaurant	4,958	5,396	44	134	178	Long-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,118	8,617	50	127	177	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	10,805	10,121	0	172	172	Moderate-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,039	10,816	78	90	168	Postsecondary vocational training
25-2021	Elementary School Teachers, Except Special Education	6,419	6,604	19	140	159	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,335	5,125	0	159	159	Bachelor's degree
47-2031	Carpenters	11,492	11,306	0	156	156	Long-term on-the-job training
31-1011	Home Health Aides	4,949	5,957	101	44	145	Short-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,392	5,639	25	108	133	Postsecondary vocational training
25-9041	Teacher Assistants	7,961	7,783	0	130	130	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	5,237	5,850	61	69	130	Short-term on-the-job training
35-9021	Dishwashers	2,668	2,839	17	109	126	Short-term on-the-job training
35-3011	Bartenders	2,521	2,829	31	92	123	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,525	1,616	9	106	115	Short-term on-the-job training
13-2011	Accountants and Auditors	3,967	4,395	43	70	113	Bachelor's degree
43-6013	Medical Secretaries	3,602	4,149	55	57	112	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4,364	4,678	31	77	108	Short-term on-the-job training
13-1199	Business Operations Specialists, All Other	3,654	4,187	53	39	92	Bachelor's degree
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,429	3,937	51	41	92	Postsecondary vocational training

Forty Occupations with the Largest Projected Net Job Growth in Maine Between 2006 and 2016

SOC Code	Occupation	Average Employment		Net Growth	Education/Training Requirement
		2006	2016		
29-1111	Registered Nurses	14,048	17,045	2,997	Associate degree
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	13,466	15,461	1,995	Short-term on-the-job training
39-9021	Personal and Home Care Aides	6,188	7,925	1,737	Short-term on-the-job training
43-4051	Customer Service Representatives	8,109	9,441	1,332	Moderate-term on-the-job training
21-1093	Social and Human Service Assistants	4,791	6,063	1,272	Moderate-term on-the-job training
31-1011	Home Health Aides	4,949	5,957	1,008	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,928	11,788	860	Short-term on-the-job training
41-2031	Retail Salespersons	19,296	20,128	832	Short-term on-the-job training
43-9061	Office Clerks, General	14,238	15,020	782	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,039	10,816	777	Postsecondary vocational training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,214	6,960	746	Work experience in a related occupation
31-9092	Medical Assistants	1,949	2,603	654	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	5,237	5,850	613	Short-term on-the-job training
43-6013	Medical Secretaries	3,602	4,149	547	Moderate-term on-the-job training
43-3071	Tellers	2,974	3,518	544	Short-term on-the-job training
13-1199	Business Operations Specialists, All Other	3,654	4,187	533	Bachelor's degree
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,828	10,361	533	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,990	8,523	533	Short-term on-the-job training
35-2021	Food Preparation Workers	5,526	6,052	526	Short-term on-the-job training
29-2052	Pharmacy Technicians	1,562	2,072	510	Moderate-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,429	3,937	508	Postsecondary vocational training
39-9011	Child Care Workers	5,781	6,288	507	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,118	8,617	499	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	4,958	5,396	438	Long-term on-the-job training
13-2011	Accountants and Auditors	3,967	4,395	428	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	798	1,174	376	Bachelor's degree
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,827	12,184	357	Moderate-term on-the-job training
41-3099	Sales Representatives, Services, All Other	1,254	1,601	347	Work experience in a related occupation
21-1023	Mental Health and Substance Abuse Social Workers	1,753	2,092	339	Master's degree
15-1051	Computer Systems Analysts	1,688	2,019	331	Bachelor's degree
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,110	4,437	327	Work experience in a related occupation
15-1031	Computer Software Engineers, Applications	1,045	1,360	315	Bachelor's degree
53-3033	Truck Drivers, Light or Delivery Services	4,364	4,678	314	Short-term on-the-job training
35-3011	Bartenders	2,521	2,829	308	Short-term on-the-job training
29-2041	Emergency Medical Technicians and Paramedics	1,362	1,642	280	Postsecondary vocational training
11-9081	Lodging Managers	1,606	1,875	269	Work experience in a related occupation
29-1051	Pharmacists	1,169	1,431	262	First professional degree
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,720	7,979	259	Work experience in a related occupation
41-2021	Counter and Rental Clerks	2,022	2,277	255	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,870	3,124	254	Short-term on-the-job training

Forty Occupations with the Fastest Projected Rate of Job Growth in Maine Between 2006 and 2016

SOC Code	Occupation	Average Employment		Growth Rate	Education/Training Requirement
		2006	2016		
25-1194	Vocational Education Teachers, Postsecondary	296	447	51.0%	Bachelor's or higher, plus work experience
15-1081	Network Systems and Data Communications Analysts	798	1,174	47.1%	Bachelor's degree
25-9031	Instructional Coordinators	361	498	38.0%	Master's degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	658	902	37.1%	Bachelor's degree
31-9092	Medical Assistants	1,949	2,603	33.6%	Moderate-term on-the-job training
31-2021	Physical Therapist Assistants	196	260	32.7%	Associate degree
29-2052	Pharmacy Technicians	1,562	2,072	32.7%	Moderate-term on-the-job training
15-1031	Computer Software Engineers, Applications	1,045	1,360	30.1%	Bachelor's degree
49-9062	Medical Equipment Repairers	111	144	29.7%	Associate degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	199	255	28.1%	Bachelor's degree
39-9021	Personal and Home Care Aides	6,188	7,925	28.1%	Short-term on-the-job training
29-2056	Veterinary Technologists and Technicians	525	671	27.8%	Associate degree
41-3099	Sales Representatives, Services, All Other	1,254	1,601	27.7%	Work experience in a related occupation
27-3091	Interpreters and Translators	305	387	26.9%	Long-term on-the-job training
29-2055	Surgical Technologists	443	561	26.6%	Postsecondary vocational training
21-1093	Social and Human Service Assistants	4,791	6,063	26.5%	Moderate-term on-the-job training
29-1124	Radiation Therapists	107	135	26.2%	Associate degree
21-1014	Mental Health Counselors	468	588	25.6%	Master's degree
29-2031	Cardiovascular Technologists and Technicians	207	260	25.6%	Associate degree
39-5092	Manicurists and Pedicurists	126	158	25.4%	Postsecondary vocational training
29-2011	Medical and Clinical Laboratory Technologists	887	1,110	25.1%	Bachelor's degree
49-3093	Tire Repairers and Changers	329	410	24.6%	Short-term on-the-job training
29-1131	Veterinarians	472	588	24.6%	First professional degree
21-1091	Health Educators	456	565	23.9%	Bachelor's degree
29-1123	Physical Therapists	985	1,215	23.4%	Master's degree
29-1126	Respiratory Therapists	493	607	23.1%	Associate degree
21-1099	Community and Social Service Specialists, All Other	175	215	22.9%	Bachelor's degree
21-1013	Marriage and Family Therapists	110	135	22.7%	Master's degree
29-1071	Physician Assistants	594	728	22.6%	Master's degree
29-1051	Pharmacists	1,169	1,431	22.4%	First professional degree
29-1111	Registered Nurses	14,048	17,045	21.3%	Associate degree
31-2022	Physical Therapist Aides	152	184	21.1%	Short-term on-the-job training
29-9099	Healthcare Practitioners and Technical Workers, All Other	362	437	20.7%	Bachelor's degree
21-1022	Medical and Public Health Social Workers	765	923	20.7%	Bachelor's degree
31-9091	Dental Assistants	1,066	1,286	20.6%	Moderate-term on-the-job training
29-2041	Emergency Medical Technicians and Paramedics	1,362	1,642	20.6%	Postsecondary vocational training
31-1011	Home Health Aides	4,949	5,957	20.4%	Short-term on-the-job training
29-2021	Dental Hygienists	977	1,175	20.3%	Associate degree
49-2098	Security and Fire Alarm Systems Installers	313	376	20.1%	Postsecondary vocational training
15-1061	Database Administrators	329	395	20.1%	Bachelor's degree

Occupations with fewer than 100 jobs in 2006 were excluded from this list.

Forty Occupations with the Largest Projected Net Job Loss in Maine Between 2006 and 2016

SOC Code	Occupation	Average Employment		Net Decline	Education/Training Requirement
		2006	2016		
43-6014	Secretaries, Except Legal, Medical, and Executive	10,805	10,121	-684	Moderate-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,601	6,921	-680	Short-term on-the-job training
11-1021	General and Operations Managers	8,671	8,263	-408	Bachelor's or higher, plus experience
53-7064	Packers and Packers, Hand	3,693	3,353	-340	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	718	389	-329	Short-term on-the-job training
41-9041	Telemarketers	1,664	1,372	-292	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	903	627	-276	Long-term on-the-job training
51-2092	Team Assemblers	3,958	3,691	-267	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	951	700	-251	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,720	1,473	-247	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, & Tenders	968	721	-247	Moderate-term on-the-job training
41-2011	Cashiers	15,871	15,649	-222	Short-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,787	1,569	-218	Short-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,335	5,125	-210	Bachelor's degree
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,560	8,354	-206	Short-term on-the-job training
47-2031	Carpenters	11,492	11,306	-186	Long-term on-the-job training
25-9041	Teacher Assistants	7,961	7,783	-178	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	806	628	-178	Short-term on-the-job training
43-4071	File Clerks	418	242	-176	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	767	593	-174	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1,522	1,365	-157	Short-term on-the-job training
53-3031	Driver/Sales Workers	2,109	1,955	-154	Short-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,849	1,699	-150	Moderate-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,893	3,745	-148	Work experience in a related occupation
51-9132	Photographic Processing Machine Operators	253	116	-137	Short-term on-the-job training
51-9199	Production Workers, All Other	851	716	-135	Moderate-term on-the-job training
43-9022	Word Processors and Typists	743	610	-133	Moderate-term on-the-job training
43-4199	Information and Record Clerks, All Other	978	852	-126	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	961	845	-116	Short-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	926	815	-111	Moderate-term on-the-job training
49-9044	Millwrights	883	774	-109	Long-term on-the-job training
53-7063	Machine Feeders and Offbearers	485	378	-107	Short-term on-the-job training
43-9021	Data Entry Keyers	776	672	-104	Moderate-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	852	753	-99	Short-term on-the-job training
41-2022	Parts Salespersons	1,394	1,297	-97	Moderate-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	513	416	-97	Long-term on-the-job training
15-1021	Computer Programmers	761	670	-91	Bachelor's degree
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	485	395	-90	Short-term on-the-job training
17-3024	Electro-Mechanical Technicians	230	141	-89	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	449	361	-88	Associate degree

Forty Occupations with the Fastest Projected Rate of Job Loss in Maine Between 2006 and 2016

SOC Code	Occupation	Average Employment		Rate of Decline	Education/Training Requirement
		2006	2016		
51-9132	Photographic Processing Machine Operators	253	116	-54.2%	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	718	389	-45.8%	Short-term on-the-job training
43-4071	File Clerks	418	242	-42.1%	Short-term on-the-job training
17-3024	Electro-Mechanical Technicians	230	141	-38.7%	Associate degree
51-7011	Cabinetmakers and Bench Carpenters	903	627	-30.6%	Long-term on-the-job training
43-9011	Computer Operators	252	176	-30.2%	Moderate-term on-the-job training
27-3011	Radio and Television Announcers	211	148	-29.9%	Long-term on-the-job training
51-6051	Sewers, Hand	235	168	-28.5%	Short-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	116	83	-28.4%	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	951	700	-26.4%	Moderate-term on-the-job training
53-7011	Conveyor Operators and Tenders	330	243	-26.4%	Short-term on-the-job training
17-2072	Electronics Engineers, Except Computer	191	142	-25.7%	Bachelor's degree
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	968	721	-25.5%	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	165	125	-24.2%	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	767	593	-22.7%	Moderate-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	806	628	-22.1%	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	485	378	-22.1%	Short-term on-the-job training
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal/Plastic	189	148	-21.7%	Moderate-term on-the-job training
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal/Plastic	102	80	-21.6%	Moderate-term on-the-job training
45-2041	Graders and Sorters, Agricultural Products	287	228	-20.6%	Work experience in a related occupation
51-5011	Bindery Workers	366	293	-19.9%	Short-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	111	89	-19.8%	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	356	286	-19.7%	Moderate-term on-the-job training
17-3023	Electrical and Electronic Engineering Technicians	449	361	-19.6%	Associate degree
49-2094	Electrical/Electronics Repairers, Commercial & Industrial Equipment	449	362	-19.4%	Postsecondary vocational training
51-6041	Shoe and Leather Workers and Repairers	151	122	-19.2%	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	513	416	-18.9%	Long-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	485	395	-18.6%	Short-term on-the-job training
41-3041	Travel Agents	221	180	-18.6%	Postsecondary vocational training
51-6042	Shoe Machine Operators and Tenders	133	109	-18.0%	Moderate-term on-the-job training
43-9022	Word Processors and Typists	743	610	-17.9%	Moderate-term on-the-job training
51-5022	Prepress Technicians and Workers	303	249	-17.8%	Postsecondary vocational training
41-9041	Telemarketers	1,664	1,372	-17.5%	Short-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	314	259	-17.5%	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	337	278	-17.5%	Moderate-term on-the-job training
17-2041	Chemical Engineers	198	164	-17.2%	Bachelor's degree
39-9099	Personal Care and Service Workers, All Other	403	335	-16.9%	Short-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	162	135	-16.7%	Moderate-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	127	106	-16.5%	Short-term on-the-job training
27-1012	Craft Artists	158	132	-16.5%	Long-term on-the-job training

Occupations with fewer than 100 jobs in 2006 were excluded from this list.

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
00-0000	Total, All Occupations	676,816	710,509	33,690	5.0%	4,631	14,773	19,404	\$17.53	NA
11-0000	Management Occupations	37,118	38,646	1,528	4.1%	213	774	987	\$36.83	NA
11-1011	Chief Executives	903	852	-51	-5.6%	0	25	25	\$58.02	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	8,671	8,263	-408	-4.7%	0	209	209	\$43.11	Bachelor's or higher degree, plus work experience
11-1031	Legislators	407	413	6	1.5%	1	8	9	\$29.81	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	288	294	6	2.1%	1	6	7	\$27.72	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	600	644	44	7.3%	4	13	17	\$40.08	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	1,263	1,303	40	3.2%	4	28	32	\$39.33	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	307	334	27	8.8%	3	7	10	\$39.86	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	1,097	1,151	54	4.9%	5	29	34	\$29.23	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	873	940	67	7.7%	7	14	21	\$42.62	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	2,692	2,881	189	7.0%	19	39	58	\$35.95	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	228	233	5	2.2%	1	4	5	\$35.07	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	155	166	11	7.1%	1	3	4	\$36.58	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	353	376	23	6.5%	2	7	9	\$37.14	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	695	614	-81	-11.7%	0	24	24	\$37.08	Work experience in a related occupation
11-3061	Purchasing Managers	343	349	6	1.7%	1	10	11	\$35.92	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	701	736	35	5.0%	4	21	25	\$32.99	Work experience in a related occupation
11-9011	Farm, Ranch, and Other Agricultural Managers	537	644	107	19.9%	11	4	15	\$27.32	Bachelor's or higher degree, plus work experience
11-9021	Construction Managers	1,825	1,892	67	3.7%	7	28	35	\$36.35	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	233	242	9	3.9%	1	7	8	\$18.27	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	1,464	1,433	-31	-2.1%	0	41	41	\$64.91	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	593	637	44	7.4%	4	17	21	\$30.78	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	186	216	30	16.1%	3	5	8	\$22.76	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	705	691	-14	-2.0%	0	14	14	\$47.49	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	1,744	1,781	37	2.1%	4	41	45	\$23.43	Work experience in a related occupation
11-9061	Funeral Directors	202	226	24	11.9%	2	5	7	\$24.17	Associate degree
11-9081	Lodging Managers	1,606	1,875	269	16.7%	27	35	62	\$24.37	Work experience in a related occupation
11-9111	Medical and Health Services Managers	1,607	1,853	246	15.3%	25	30	55	\$39.63	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	173	186	13	7.5%	1	4	5	\$42.17	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	416	396	-20	-4.8%	0	10	10	\$26.25	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	667	762	95	14.2%	10	9	19	\$24.83	Bachelor's degree
11-9151	Social and Community Service Managers	1,054	1,180	126	12.0%	13	20	33	\$24.15	Bachelor's degree
11-9199	Managers, All Other	1,447	1,454	7	0.5%	1	29	30	\$34.46	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	23,458	25,203	1,745	7.4%	184	409	593	\$25.71	NA

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
13-1021	Purchasing Agents and Buyers, Farm Products	214	217	3	1.4%	0	3	3	\$20.61	Long-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	557	526	-11	-2.0%	0	12	12	\$20.26	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	995	974	-21	-2.1%	0	21	21	\$23.13	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	1,575	1,615	40	2.5%	4	40	44	\$24.47	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	41	43	2	4.9%	0	1	1	\$26.35	Postsecondary vocational training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,125	1,119	-6	-0.5%	0	13	13	\$22.30	Long-term on-the-job training
13-1051	Cost Estimators	751	853	102	13.6%	10	15	25	\$23.96	Bachelor's degree
13-1061	Emergency Management Specialists	90	104	14	15.6%	1	1	2	\$23.15	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	601	659	58	9.7%	6	13	19	\$22.06	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	805	866	61	7.6%	6	17	23	\$22.34	Bachelor's degree
13-1073	Training and Development Specialists	913	1,009	96	10.5%	10	20	30	\$21.57	Bachelor's or higher degree, plus work experience
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	448	516	68	15.2%	7	10	17	\$23.63	Bachelor's degree
13-1081	Logisticians	180	187	7	3.9%	1	3	4	\$28.29	Bachelor's degree
13-1111	Management Analysts	2,193	2,261	68	3.1%	7	37	44	\$33.77	Bachelor's or higher degree, plus work experience
13-1121	Meeting and Convention Planners	135	151	16	11.9%	2	3	5	\$18.09	Bachelor's degree
13-1199	Business Operations Specialists, All Other	3,654	4,187	533	14.6%	53	39	92	\$27.92	Bachelor's degree
13-2011	Accountants and Auditors	3,967	4,395	428	10.8%	43	70	113	\$25.89	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	716	774	58	8.1%	6	14	20	\$21.13	Bachelor's degree
13-2031	Budget Analysts	163	168	5	3.1%	1	4	5	\$27.73	Bachelor's degree
13-2041	Credit Analysts	243	220	-23	-9.5%	0	9	9	\$21.33	Bachelor's degree
13-2051	Financial Analysts	243	268	25	10.3%	3	1	4	\$35.16	Bachelor's degree
13-2052	Personal Financial Advisors	711	783	72	10.1%	7	6	13	\$49.40	Bachelor's degree
13-2053	Insurance Underwriters	463	459	-4	-0.9%	0	12	12	\$27.47	Bachelor's degree
13-2061	Financial Examiners	116	120	4	3.4%	0	2	2	\$27.91	Bachelor's degree
13-2071	Loan Counselors	58	56	-2	-3.4%	0	1	1	\$19.69	Bachelor's degree
13-2072	Loan Officers	1,511	1,645	134	8.9%	13	16	29	\$26.46	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	441	465	24	5.4%	2	11	13	\$19.57	Bachelor's degree
13-2099	Financial Specialists, All Other	375	401	26	6.9%	3	10	13	\$28.08	Bachelor's degree
15-0000	Computer and Mathematical Occupations	8,394	9,719	1,325	15.8%	143	196	339	\$28.39	NA
15-1021	Computer Programmers	761	670	-91	-12.0%	0	16	16	\$30.07	Bachelor's degree
15-1031	Computer Software Engineers, Applications	1,045	1,360	315	30.1%	32	15	47	\$30.08	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	310	343	33	10.6%	3	5	8	\$35.06	Bachelor's degree
15-1041	Computer Support Specialists	1,690	1,778	88	5.2%	9	52	61	\$19.52	Associate degree
15-1051	Computer Systems Analysts	1,688	2,019	331	19.6%	33	45	78	\$33.66	Bachelor's degree
15-1061	Database Administrators	329	395	66	20.1%	7	4	11	\$29.67	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
15-1071	Network and Computer Systems Administrators	1,077	1,267	190	17.6%	19	25	44	\$27.90	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	798	1,174	376	47.1%	38	16	54	\$29.28	Bachelor's degree
15-1099	Computer Specialists, All Other	265	258	-7	-2.6%	0	7	7	\$29.85	Associate degree
15-2031	Operations Research Analysts	187	210	23	12.3%	2	4	6	\$30.63	Master's degree
15-2041	Statisticians	37	39	2	5.4%	0	1	1	\$27.00	Master's degree
17-0000	Architecture and Engineering Occupations	9,135	8,981	-154	-1.7%	31	213	244	\$28.19	NA
17-1011	Architects, Except Landscape and Naval	507	536	29	5.7%	3	10	13	\$28.56	Bachelor's degree
17-1012	Landscape Architects	96	101	5	5.2%	1	2	3	\$29.17	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	53	55	2	3.8%	0	2	2	\$23.16	Bachelor's degree
17-1022	Surveyors	367	400	33	9.0%	3	11	14	\$23.58	Bachelor's degree
17-2031	Biomedical Engineers	20	18	-2	-10.0%	0	1	1	\$40.65	Bachelor's degree
17-2041	Chemical Engineers	198	164	-34	-17.2%	0	5	5	\$39.73	Bachelor's degree
17-2051	Civil Engineers	792	841	49	6.2%	5	21	26	\$30.34	Bachelor's degree
17-2071	Electrical Engineers	251	226	-25	-10.0%	0	6	6	\$36.04	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	191	142	-49	-25.7%	0	4	4	\$37.70	Bachelor's degree
17-2081	Environmental Engineers	391	429	38	9.7%	4	12	16	\$31.26	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	104	107	3	2.9%	0	3	3	\$25.23	Bachelor's degree
17-2112	Industrial Engineers	630	701	71	11.3%	7	15	22	\$33.29	Bachelor's degree
17-2121	Marine Engineers and Naval Architects	55	50	-5	-9.1%	0	1	1	\$35.82	Bachelor's degree
17-2131	Materials Engineers	44	41	-3	-6.8%	0	1	1	\$33.83	Bachelor's degree
17-2141	Mechanical Engineers	631	572	-59	-9.4%	0	14	14	\$32.80	Bachelor's degree
17-2199	Engineers, All Other	265	234	-31	-11.7%	0	3	3	\$39.94	Bachelor's degree
17-3011	Architectural and Civil Drafters	719	731	12	1.7%	1	21	22	\$19.83	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	90	76	-14	-15.6%	0	3	3	\$22.44	Postsecondary vocational training
17-3013	Mechanical Drafters	742	754	12	1.6%	1	21	22	\$22.27	Postsecondary vocational training
17-3022	Civil Engineering Technicians	520	518	-2	-0.4%	0	10	10	\$20.14	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	449	361	-88	-19.6%	0	9	9	\$23.43	Associate degree
17-3024	Electro-Mechanical Technicians	230	141	-89	-38.7%	0	5	5	\$23.73	Associate degree
17-3025	Environmental Engineering Technicians	194	212	18	9.3%	2	4	6	\$19.55	Associate degree
17-3026	Industrial Engineering Technicians	379	400	21	5.5%	2	7	9	\$26.92	Associate degree
17-3027	Mechanical Engineering Technicians	129	132	3	2.3%	0	3	3	\$21.86	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	586	544	-42	-7.2%	0	11	11	\$32.16	Associate degree
17-3031	Surveying and Mapping Technicians	200	210	10	5.0%	1	4	5	\$18.91	Moderate-term on-the-job training
19-0000	Life, Physical, and Social Science Occupations	5,304	5,713	409	7.7%	45	138	183	\$25.51	NA
19-1012	Food Scientists and Technologists	22	22	0	0.0%	0	1	1	\$28.79	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
19-1021	Biochemists and Biophysicists	49	63	14	28.6%	1	1	2	\$30.44	Doctoral degree
19-1022	Microbiologists	56	62	6	10.7%	1	1	2	\$32.86	Doctoral degree
19-1023	Zoologists and Wildlife Biologists	193	193	0	0.0%	0	4	4	\$25.00	Bachelor's degree
19-1031	Conservation Scientists	84	83	-1	-1.2%	0	3	3	\$27.83	Bachelor's degree
19-1032	Foresters	172	159	-13	-7.6%	0	5	5	\$22.63	Bachelor's degree
19-1041	Epidemiologists	20	24	4	20.0%	0	1	1	\$35.61	Master's degree
19-1042	Medical Scientists, Except Epidemiologists	108	125	17	15.7%	2	3	5	\$37.41	Doctoral degree
19-2012	Physicists	50	48	-2	-4.0%	0	1	1	\$46.40	Doctoral degree
19-2031	Chemists	172	188	16	9.3%	2	5	7	\$25.72	Bachelor's degree
19-2032	Materials Scientists	36	46	10	27.8%	1	1	2	\$30.80	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	689	750	61	8.9%	6	18	24	\$24.68	Master's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	149	151	2	1.3%	0	4	4	\$25.38	Master's degree
19-2043	Hydrologists	129	149	20	15.5%	2	3	5	\$33.00	Master's degree
19-3011	Economists	50	51	1	2.0%	0	2	2	\$25.48	Master's degree
19-3021	Market Research Analysts	202	209	7	3.5%	1	1	2	\$26.62	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	790	877	87	11.0%	9	12	21	\$35.49	Doctoral degree
19-3051	Urban and Regional Planners	267	293	26	9.7%	3	8	11	\$26.05	Master's degree
19-3093	Historians	13	13	0	0.0%	0	0	0	\$20.57	Master's degree
19-3099	Social Scientists and Related Workers, All Other	209	213	4	1.9%	0	7	7	\$21.79	Master's degree
19-4011	Agricultural and Food Science Technicians	73	71	-2	-2.7%	0	1	1	\$15.37	Associate degree
19-4021	Biological Technicians	560	650	90	16.1%	9	20	29	\$18.18	Bachelor's degree
19-4031	Chemical Technicians	166	154	-12	-7.2%	0	6	6	\$17.53	Associate degree
19-4041	Geological and Petroleum Technicians	18	18	0	0.0%	0	1	1	\$17.02	Associate degree
19-4061	Social Science Research Assistants	102	107	5	4.9%	1	4	5	\$16.00	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	198	217	19	9.6%	2	8	10	\$15.17	Associate degree
19-4093	Forest and Conservation Technicians	43	41	-2	-4.7%	0	2	2	\$17.23	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	184	186	2	1.1%	0	7	7	\$24.80	Associate degree
21-0000	Community and Social Services Occupations	16,682	19,319	2,637	15.8%	265	271	536	\$16.85	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	658	902	244	37.1%	24	13	37	\$19.26	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	1,097	1,086	-11	-1.0%	0	22	22	\$21.59	Master's degree
21-1013	Marriage and Family Therapists	110	135	25	22.7%	3	2	5	\$18.72	Master's degree
21-1014	Mental Health Counselors	468	588	120	25.6%	12	9	21	\$20.20	Master's degree
21-1015	Rehabilitation Counselors	677	746	69	10.2%	7	13	20	\$18.76	Master's degree
21-1021	Child, Family, and School Social Workers	2,132	2,331	199	9.3%	20	45	65	\$19.04	Bachelor's degree
21-1022	Medical and Public Health Social Workers	765	923	158	20.7%	16	16	32	\$18.53	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
21-1023	Mental Health and Substance Abuse Social Workers	1,753	2,092	339	19.3%	34	37	71	\$20.42	Master's degree
21-1029	Social Workers, All Other	199	223	24	12.1%	2	4	6	\$22.36	Bachelor's degree
21-1091	Health Educators	456	565	109	23.9%	11	5	16	\$19.21	Bachelor's degree
21-1093	Social and Human Service Assistants	4,791	6,063	1,272	26.5%	127	55	182	\$11.81	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	175	215	40	22.9%	4	2	6	\$16.94	Bachelor's degree
21-2011	Clergy	2,245	2,252	7	0.3%	1	30	31	\$22.47	Master's degree
23-0000	Legal Occupations	4,639	5,004	365	7.9%	38	81	119	\$34.77	NA
23-1011	Lawyers	2,944	3,111	167	5.7%	17	56	73	\$45.14	First professional degree
23-1022	Arbitrators, Mediators, and Conciliators	46	47	1	2.2%	0	1	1	\$24.60	Bachelor's or higher degree, plus work experience
23-1023	Judges, Magistrate Judges, and Magistrates	83	84	1	1.2%	0	2	2	\$49.78	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	1,053	1,216	163	15.5%	16	14	30	\$20.10	Associate degree
23-2092	Law Clerks	55	51	-4	-7.3%	0	1	1	\$20.61	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	125	116	-9	-7.2%	0	2	2	\$17.10	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	85	87	2	2.4%	0	1	1	\$20.75	Moderate-term on-the-job training
25-0000	Education, Training, and Library Occupations	40,670	41,876	1,206	3.0%	171	842	1,013	\$39,820.00	NA
25-1011	Business Teachers, Postsecondary	223	251	28	12.6%	3	4	7	\$63.650	Master's degree
25-1021	Computer Science Teachers, Postsecondary	113	129	16	14.2%	2	2	4	\$61.250	Master's degree
25-1022	Mathematical Science Teachers, Postsecondary	192	216	24	12.5%	2	3	5	\$57.380	Master's degree
25-1042	Biological Science Teachers, Postsecondary	225	246	21	9.3%	2	4	6	\$66.700	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	98	109	11	11.2%	1	2	3	\$78.420	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	97	106	9	9.3%	1	2	3	\$67.810	Doctoral degree
25-1053	Environmental Science Teachers, Postsecondary	48	54	6	12.5%	1	1	2	\$55.910	Doctoral degree
25-1054	Physics Teachers, Postsecondary	52	57	5	9.6%	1	1	2	\$74.830	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	48	52	4	8.3%	0	1	1	\$75.910	Doctoral degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	26	28	2	7.7%	0	0	0	\$59.850	Doctoral degree
25-1063	Economics Teachers, Postsecondary	76	84	8	10.5%	1	1	2	\$76.720	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	79	87	8	10.1%	1	1	2	\$70.780	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	119	132	13	10.9%	1	2	3	\$63.520	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	61	67	6	9.8%	1	1	2	\$72.060	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	306	351	45	14.7%	5	5	10	\$56.140	Doctoral degree
25-1081	Education Teachers, Postsecondary	270	297	27	10.0%	3	5	8	\$54.900	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	44	50	6	13.6%	1	1	2	\$50.030	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	247	272	25	10.1%	3	4	7	\$62.390	Master's degree
25-1122	Communications Teachers, Postsecondary	75	86	11	14.7%	1	1	2	\$49.970	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	272	304	32	11.8%	3	5	8	\$55.720	Master's degree

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		2006	2016	Net	Percent	Growth	Replacement	Total		
25-1124	Foreign Language and Literature Teachers, Postsecondary	106	116	10	9.4%	1	2	3	\$59,640	Master's degree
25-1125	History Teachers, Postsecondary	127	141	14	11.0%	1	2	3	\$65,720	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	102	112	10	9.8%	1	2	3	\$56,980	Doctoral degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	62	67	5	8.1%	1	1	2	\$53,260	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	296	447	151	51.0%	15	5	20	\$23.46	Bachelor's or higher degree, plus work experience
25-2011	Preschool Teachers, Except Special Education	1,692	1,755	63	3.7%	6	28	34	\$12.96	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	890	937	47	5.3%	5	15	20	\$43,440	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	6,419	6,604	185	2.9%	19	140	159	\$44,090	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	3,241	3,265	24	0.7%	2	71	73	\$44,190	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	33	28	-5	-15.2%	0	1	1	\$49,620	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,335	5,125	-210	-3.9%	0	159	159	\$43,130	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	235	213	-22	-9.4%	0	7	7	\$45,430	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,652	1,787	135	8.2%	14	37	51	\$43,410	Bachelor's degree
25-2042	Special Education Teachers, Middle School	514	547	33	6.4%	3	11	14	\$42,450	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	687	680	-7	-1.0%	0	15	15	\$42,820	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	199	255	56	28.1%	6	2	8	\$20.29	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,119	1,294	175	15.6%	18	12	30	\$17.10	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	2,487	2,411	-76	-3.1%	0	27	27	\$24,040	Bachelor's degree
25-4011	Archivists	42	44	2	4.8%	0	2	2	\$21.10	Master's degree
25-4012	Curators	102	109	7	6.9%	1	4	5	\$21.45	Master's degree
25-4013	Museum Technicians and Conservators	84	84	0	0.0%	0	4	4	\$15.44	Bachelor's degree
25-4021	Librarians	870	885	15	1.7%	2	24	26	\$20.88	Master's degree
25-4031	Library Technicians	1,186	1,277	91	7.7%	9	58	67	\$13.70	Postsecondary vocational training
25-9021	Farm and Home Management Advisors	112	107	-5	-4.5%	0	2	2	NA	Bachelor's degree
25-9031	Instructional Coordinators	361	498	137	38.0%	14	5	19	\$23.27	Master's degree
25-9041	Teacher Assistants	7,961	7,783	-178	-2.2%	0	130	130	\$26,510	Short-term on-the-job training
25-9099	Education, Training, and Library Workers, All Other	91	112	21	23.1%	2	1	3	\$17.70	Bachelor's degree
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	14,216	14,573	357	2.5%	62	337	399	\$16.90	NA
27-1011	Art Directors	214	235	21	9.8%	2	5	7	\$32.91	Bachelor's or higher degree, plus work experience
27-1012	Craft Artists	158	132	-26	-16.5%	0	4	4	\$13.35	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	312	339	27	8.7%	3	7	10	\$21.33	Bachelor's degree
27-1021	Commercial and Industrial Designers	153	160	7	4.6%	1	4	5	\$25.90	Bachelor's degree
27-1022	Fashion Designers	21	25	4	19.0%	0	1	1	\$33.36	Associate degree
27-1023	Floral Designers	468	410	-58	-12.4%	0	12	12	\$10.25	Moderate-term on-the-job training
27-1024	Graphic Designers	957	1,007	50	5.2%	5	25	30	\$17.00	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
27-1025	Interior Designers	170	154	-16	-9.4%	0	5	5	\$20.57	Associate degree
27-1026	Merchandise Displayers and Window Trimmers	207	228	21	10.1%	2	6	8	\$14.39	Moderate-term on-the-job training
27-1029	Designers, All Other	170	188	18	10.6%	2	5	7	\$14.30	Bachelor's degree
27-2011	Actors	55	54	-1	-1.8%	0	1	1	\$14.97	Long-term on-the-job training
27-2012	Producers and Directors	314	296	-18	-5.7%	0	9	9	\$22.56	Bachelor's or higher degree, plus work experience
27-2022	Coaches and Scouts	2,051	2,049	-2	-0.1%	0	53	53	\$20,780	Long-term on-the-job training
27-2032	Choreographers	110	123	13	11.8%	1	6	7	\$12.70	Work experience in a related occupation
27-2041	Music Directors and Composers	272	275	3	1.1%	0	6	6	NA	Bachelor's or higher degree, plus work experience
27-3011	Radio and Television Announcers	211	148	-63	-29.9%	0	7	7	\$14.02	Long-term on-the-job training
27-3022	Reporters and Correspondents	359	365	6	1.7%	1	11	12	\$16.23	Bachelor's degree
27-3031	Public Relations Specialists	1,014	1,084	70	6.9%	7	8	15	\$24.60	Bachelor's degree
27-3041	Editors	530	517	-13	-2.5%	0	16	16	\$22.66	Bachelor's degree
27-3042	Technical Writers	53	49	-4	-7.5%	0	2	2	\$22.94	Bachelor's degree
27-3043	Writers and Authors	690	730	40	5.8%	4	12	16	\$25.68	Bachelor's degree
27-3091	Interpreters and Translators	305	387	82	26.9%	8	7	15	\$13.86	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	106	124	18	17.0%	2	4	6	\$17.23	Long-term on-the-job training
27-4012	Broadcast Technicians	195	171	-24	-12.3%	0	6	6	\$13.73	Associate degree
27-4014	Sound Engineering Technicians	12	11	-1	-8.3%	0	0	0	\$13.28	Postsecondary vocational training
27-4021	Photographers	488	459	-29	-5.9%	0	11	11	\$13.45	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	99	97	-2	-2.0%	0	2	2	\$13.87	Postsecondary vocational training
27-4032	Film and Video Editors	95	91	-4	-4.2%	0	2	2	\$16.22	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	29	29	0	0.0%	0	1	1	\$27.52	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	37,491	44,326	6,835	18.2%	685	689	1,374	\$31.36	NA
29-1011	Chiropractors	397	444	47	11.8%	5	4	9	\$33.87	First professional degree
29-1021	Dentists, General	505	506	1	0.2%	0	10	10	\$80.48	First professional degree
29-1031	Dietitians and Nutritionists	311	326	15	4.8%	2	8	10	\$21.60	Bachelor's degree
29-1041	Optometrists	120	143	23	19.2%	2	2	4	\$51.89	First professional degree
29-1051	Pharmacists	1,169	1,431	262	22.4%	26	20	46	\$52.37	First professional degree
29-1061	Anesthesiologists	179	201	22	12.3%	2	3	5	\$90.52	First professional degree
29-1062	Family and General Practitioners	781	838	57	7.3%	6	14	20	\$69.36	First professional degree
29-1063	Internists, General	499	527	28	5.6%	3	9	12	\$71.60	First professional degree
29-1064	Obstetricians and Gynecologists	119	133	14	11.8%	1	2	3	\$96.38	First professional degree
29-1065	Pediatricians, General	169	181	12	7.1%	1	3	4	\$73.95	First professional degree
29-1066	Psychiatrists	209	227	18	8.6%	2	4	6	\$71.16	First professional degree
29-1067	Surgeons	516	543	27	5.2%	3	9	12	NA	First professional degree

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		2006	2016	Net	Percent	Growth	Replacement	Total		
29-1069	Physicians and Surgeons, All Other	1,435	1,600	165	11.5%	17	26	43	\$74.98	First professional degree
29-1071	Physician Assistants	594	728	134	22.6%	13	8	21	\$39.88	Master's degree
29-1081	Podiatrists	135	142	7	5.2%	1	5	6	\$53.51	First professional degree
29-1111	Registered Nurses	14,048	17,045	2,997	21.3%	300	232	532	\$27.89	Associate degree
29-1122	Occupational Therapists	680	766	86	12.6%	9	10	19	\$23.82	Master's degree
29-1123	Physical Therapists	985	1,215	230	23.4%	23	12	35	\$29.04	Master's degree
29-1124	Radiation Therapists	107	135	28	26.2%	3	2	5	\$29.50	Associate degree
29-1125	Recreational Therapists	105	104	-1	-1.0%	0	2	2	\$16.59	Bachelor's degree
29-1126	Respiratory Therapists	493	607	114	23.1%	11	7	18	\$23.91	Associate degree
29-1127	Speech-Language Pathologists	700	721	21	3.0%	2	14	16	\$24.07	Master's degree
29-1129	Therapists, All Other	51	45	-6	-11.8%	0	1	1	\$28.89	Bachelor's degree
29-1131	Veterinarians	472	588	116	24.6%	12	9	21	\$38.90	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	272	326	54	19.9%	5	5	10	\$38.23	Bachelor's degree
29-2011	Medical and Clinical Laboratory Technologists	887	1,110	223	25.1%	22	13	35	\$23.44	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	756	896	140	18.5%	14	11	25	\$17.10	Associate degree
29-2021	Dental Hygienists	977	1,175	198	20.3%	20	19	39	\$27.78	Associate degree
29-2031	Cardiovascular Technologists and Technicians	207	260	53	25.6%	5	3	8	\$24.22	Associate degree
29-2032	Diagnostic Medical Sonographers	160	186	26	16.3%	3	2	5	\$30.55	Associate degree
29-2033	Nuclear Medicine Technologists	72	84	12	16.7%	1	1	2	\$30.67	Associate degree
29-2034	Radiologic Technologists and Technicians	1,106	1,327	221	20.0%	22	15	37	\$25.00	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	1,362	1,642	280	20.6%	28	16	44	\$13.29	Postsecondary vocational training
29-2051	Dietetic Technicians	174	196	22	12.6%	2	5	7	\$13.30	Postsecondary vocational training
29-2052	Pharmacy Technicians	1,562	2,072	510	32.7%	51	48	99	\$12.51	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	218	261	43	19.7%	4	7	11	\$12.35	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	77	79	2	2.6%	0	2	2	\$21.11	Associate degree
29-2055	Surgical Technologists	443	561	118	26.6%	12	14	26	\$17.76	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	525	671	146	27.8%	15	16	31	\$14.06	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,824	1,931	107	5.9%	11	50	61	\$18.24	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	768	894	126	16.4%	13	21	34	\$14.70	Associate degree
29-2081	Opticians, Dispensing	289	302	13	4.5%	1	9	10	\$15.48	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	11	10	-1	-9.1%	0	0	0	\$29.80	Bachelor's degree
29-2099	Health Technologists and Technicians, All Other	101	116	15	14.9%	2	1	3	\$25.96	Postsecondary vocational training
29-9011	Occupational Health and Safety Specialists	233	229	-4	-1.7%	0	4	4	\$30.39	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	43	46	3	7.0%	0	1	1	\$19.31	Bachelor's degree
29-9091	Athletic Trainers	72	76	4	5.6%	0	1	1	\$41,560	Bachelor's degree

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		2006	2016	Net	Percent	Growth	Replacement	Total		
29-9099	Healthcare Practitioners and Technical Workers, All Other	362	437	75	20.7%	8	7	15	\$23.34	Bachelor's degree
31-0000	Healthcare Support Occupations	22,143	25,328	3,185	14.4%	321	226	547	\$11.85	NA
31-1011	Home Health Aides	4,949	5,957	1,008	20.4%	101	44	145	\$10.67	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	10,039	10,816	777	7.7%	78	90	168	\$10.98	Postsecondary vocational training
31-1013	Psychiatric Aides	629	708	79	12.6%	8	6	14	\$13.93	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	155	180	25	16.1%	3	2	5	\$15.43	Associate degree
31-2012	Occupational Therapist Aides	32	37	5	15.6%	1	1	2	\$13.48	Short-term on-the-job training
31-2021	Physical Therapist Assistants	196	260	64	32.7%	6	3	9	\$18.64	Associate degree
31-2022	Physical Therapist Aides	152	184	32	21.1%	3	2	5	\$11.16	Short-term on-the-job training
31-9011	Massage Therapists	731	833	102	14.0%	10	8	18	\$17.96	Postsecondary vocational training
31-9091	Dental Assistants	1,066	1,286	220	20.6%	22	19	41	\$15.90	Moderate-term on-the-job training
31-9092	Medical Assistants	1,949	2,603	654	33.6%	65	24	89	\$13.48	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	226	259	33	14.6%	3	3	6	\$13.79	Short-term on-the-job training
31-9094	Medical Transcriptionists	602	694	92	15.3%	9	8	17	\$14.62	Postsecondary vocational training
31-9095	Pharmacy Aides	191	167	-24	-12.6%	0	2	2	\$9.74	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	645	662	17	2.6%	2	8	10	\$12.01	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	581	682	101	17.4%	10	7	17	\$12.17	Short-term on-the-job training
33-0000	Protective Service Occupations	10,131	11,153	1,022	10.1%	102	293	395	\$16.06	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	82	92	10	12.2%	1	2	3	\$21.97	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	392	415	23	5.9%	2	12	14	\$27.07	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	249	278	29	11.6%	3	8	11	\$19.50	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	120	124	4	3.3%	0	2	2	\$21.48	Work experience in a related occupation
33-2011	Fire Fighters	1,339	1,486	147	11.0%	15	49	64	\$16.51	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	85	88	3	3.5%	0	2	2	\$18.51	Work experience in a related occupation
33-3011	Bailiffs	90	100	10	11.1%	1	2	3	\$13.58	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,263	1,458	195	15.4%	20	29	49	\$15.29	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	437	510	73	16.7%	7	10	17	\$26.12	Work experience in a related occupation
33-3031	Fish and Game Wardens	135	136	1	0.7%	0	3	3	\$20.31	Associate degree
33-3041	Parking Enforcement Workers	50	56	6	12.0%	1	1	2	\$13.04	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	2,277	2,525	248	10.9%	25	61	86	\$18.05	Long-term on-the-job training
33-9011	Animal Control Workers	176	197	21	11.9%	2	4	6	\$10.66	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	167	182	15	9.0%	2	3	5	\$16.33	Work experience in a related occupation
33-9032	Security Guards	2,079	2,205	126	6.1%	13	42	55	\$11.44	Short-term on-the-job training
33-9091	Crossing Guards	474	551	77	16.2%	8	14	22	\$8.98	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	272	288	16	5.9%	2	20	22	\$8.68	Short-term on-the-job training

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33-9099	Protective Service Workers, All Other	365	384	19	5.2%	2	27	29	\$13.66	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	53,610	58,719	5,109	9.5%	511	1,770	2,281	\$9.85	NA
35-1011	Chefs and Head Cooks	621	641	20	3.2%	2	8	10	\$18.58	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,110	4,437	327	8.0%	33	31	64	\$13.77	Work experience in a related occupation
35-2011	Cooks, Fast Food	1,350	1,435	85	6.3%	9	37	46	\$8.69	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,136	2,181	45	2.1%	5	58	63	\$11.40	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	4,958	5,396	438	8.8%	44	134	178	\$11.00	Long-term on-the-job training
35-2015	Cooks, Short Order	788	812	24	3.0%	2	21	23	\$9.41	Short-term on-the-job training
35-2021	Food Preparation Workers	5,526	6,052	526	9.5%	53	192	245	\$9.81	Short-term on-the-job training
35-3011	Bartenders	2,521	2,829	308	12.2%	31	92	123	\$9.51	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	13,466	15,461	1,995	14.8%	200	255	455	\$8.36	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,525	1,616	91	6.0%	9	106	115	\$8.52	Short-term on-the-job training
35-3031	Waiters and Waitresses	10,928	11,788	860	7.9%	86	594	680	\$10.00	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	922	992	70	7.6%	7	14	21	\$9.27	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	818	874	56	6.8%	6	34	40	\$8.26	Short-term on-the-job training
35-9021	Dishwashers	2,668	2,839	171	6.4%	17	109	126	\$8.45	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,229	1,324	95	7.7%	10	84	94	\$9.40	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	25,373	27,214	1,841	7.3%	184	436	620	\$11.72	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,006	1,040	34	3.4%	3	15	18	\$16.95	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	865	962	97	11.2%	10	6	16	\$17.21	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,828	10,361	533	5.4%	53	188	241	\$11.72	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,990	8,523	533	6.7%	53	151	204	\$9.70	Short-term on-the-job training
37-2021	Pest Control Workers	106	115	9	8.5%	1	3	4	\$15.44	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	5,237	5,850	613	11.7%	61	69	130	\$12.02	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	203	214	11	5.4%	1	3	4	\$11.94	Moderate-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	21	23	2	9.5%	0	0	0	\$17.51	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	22,537	25,700	3,163	14.0%	330	494	824	\$10.51	NA
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,198	1,322	124	10.4%	12	26	38	\$14.57	Work experience in a related occupation
39-2011	Animal Trainers	153	134	-19	-12.4%	0	3	3	\$15.81	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	770	775	5	0.6%	1	12	13	\$10.16	Short-term on-the-job training
39-3012	Gaming and Sports Book Writers and Runners	86	126	40	46.5%	4	2	6	\$8.90	Short-term on-the-job training
39-3021	Motion Picture Projectionists	74	74	0	0.0%	0	3	3	\$9.59	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	166	188	22	13.3%	2	12	14	\$8.44	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	860	925	65	7.6%	7	42	49	\$9.10	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	22	2	10.0%	0	1	1	\$8.12	Short-term on-the-job training

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39-4021	Funeral Attendants	142	160	18	12.7%	2	3	5	\$13.03	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,429	3,937	508	14.8%	51	41	92	\$12.30	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	126	158	32	25.4%	3	1	4	\$9.33	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	131	125	-6	-4.6%	0	2	2	\$10.33	Short-term on-the-job training
39-6012	Concierges	30	30	0	0.0%	0	0	0	\$12.71	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	122	120	-2	-1.6%	0	5	5	\$11.36	Moderate-term on-the-job training
39-9011	Child Care Workers	5,781	6,288	507	8.8%	51	166	217	\$10.46	Short-term on-the-job training
39-9021	Personal and Home Care Aides	6,188	7,925	1,737	28.1%	174	105	279	\$9.31	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	947	1,028	81	8.6%	8	18	26	\$12.46	Postsecondary vocational training
39-9032	Recreation Workers	1,224	1,294	70	5.7%	7	23	30	\$11.83	Short-term on-the-job training
39-9041	Residential Advisors	223	250	27	12.1%	3	6	9	\$10.72	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	403	335	-68	-16.9%	0	9	9	\$8.06	Short-term on-the-job training
41-0000	Sales and Related Occupations	68,674	70,743	2,069	3.0%	276	2,079	2,355	\$15.11	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,067	10,114	47	0.5%	5	211	216	\$16.72	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,297	1,280	-17	-1.3%	0	19	19	\$28.44	Work experience in a related occupation
41-2011	Cashiers	15,871	15,649	-222	-1.4%	0	755	755	\$8.73	Short-term on-the-job training
41-2021	Counter and Rental Clerks	2,022	2,277	255	12.6%	26	77	103	\$10.65	Short-term on-the-job training
41-2022	Parts Salespersons	1,394	1,297	-97	-7.0%	0	16	16	\$14.24	Moderate-term on-the-job training
41-2031	Retail Salespersons	19,296	20,128	832	4.3%	83	594	677	\$12.07	Short-term on-the-job training
41-3011	Advertising Sales Agents	756	873	117	15.5%	12	13	25	\$17.90	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	3,122	3,241	119	3.8%	12	68	80	\$29.44	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,054	1,109	55	5.2%	6	27	33	\$38.15	Bachelor's degree
41-3041	Travel Agents	221	180	-41	-18.6%	0	2	2	\$13.57	Postsecondary vocational training
41-3099	Sales Representatives, Services, All Other	1,254	1,601	347	27.7%	35	30	65	\$25.06	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	775	803	28	3.6%	3	17	20	\$33.32	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,214	6,960	746	12.0%	75	137	212	\$25.20	Work experience in a related occupation
41-9011	Demonstrators and Product Promoters	137	152	15	10.9%	2	4	6	\$9.76	Moderate-term on-the-job training
41-9012	Models	19	20	1	5.3%	0	1	1	\$15.10	Moderate-term on-the-job training
41-9021	Real Estate Brokers	1,344	1,334	-10	-0.7%	0	22	22	\$42.90	Work experience in a related occupation
41-9022	Real Estate Sales Agents	983	1,039	56	5.7%	6	16	22	\$22.85	Postsecondary vocational training
41-9031	Sales Engineers	109	97	-12	-11.0%	0	3	3	\$31.99	Bachelor's degree
41-9041	Telemarketers	1,664	1,372	-292	-17.5%	0	59	59	\$12.91	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	667	794	127	19.0%	13	6	19	\$19.56	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	104,429	106,806	2,377	2.3%	551	2,202	2,753	\$13.95	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,720	7,979	259	3.4%	26	159	185	\$19.73	Work experience in a related occupation

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43-2011	Switchboard Operators, Including Answering Service	852	753	-99	-11.6%	0	18	18	\$11.28	Short-term on-the-job training
43-3011	Bill and Account Collectors	1,596	1,769	173	10.8%	17	24	41	\$15.09	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,045	2,066	21	1.0%	2	26	28	\$13.36	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,118	8,617	499	6.1%	50	127	177	\$14.73	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	672	649	-23	-3.4%	0	17	17	\$15.03	Moderate-term on-the-job training
43-3061	Procurement Clerks	251	247	-4	-1.6%	0	5	5	\$16.33	Moderate-term on-the-job training
43-3071	Tellers	2,974	3,518	544	18.3%	54	130	184	\$10.69	Short-term on-the-job training
43-4011	Brokerage Clerks	259	225	-34	-13.1%	0	8	8	\$19.47	Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	1,198	1,302	104	8.7%	10	27	37	\$13.35	Short-term on-the-job training
43-4051	Customer Service Representatives	8,109	9,441	1,332	16.4%	133	226	359	\$13.84	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	615	618	3	0.5%	0	11	11	\$16.10	Moderate-term on-the-job training
43-4071	File Clerks	418	242	-176	-42.1%	0	11	11	\$11.27	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,622	1,792	170	10.5%	17	66	83	\$10.51	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	700	757	57	8.1%	6	18	24	\$12.04	Short-term on-the-job training
43-4121	Library Assistants, Clerical	505	571	66	13.1%	7	16	23	\$10.57	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	830	757	-73	-8.8%	0	14	14	\$14.01	Short-term on-the-job training
43-4141	New Accounts Clerks	204	176	-28	-13.7%	0	6	6	\$13.82	Work experience in a related occupation
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	538	601	63	11.7%	6	4	10	\$14.72	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,870	3,124	254	8.9%	25	70	95	\$11.29	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	176	166	-10	-5.7%	0	4	4	\$12.97	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	978	852	-126	-12.9%	0	16	16	\$13.36	Short-term on-the-job training
43-5011	Cargo and Freight Agents	163	171	8	4.9%	1	4	5	\$19.42	Moderate-term on-the-job training
43-5021	Couriers and Messengers	377	401	24	6.4%	2	10	12	\$11.38	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	648	733	85	13.1%	9	16	25	\$15.61	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	798	789	-9	-1.1%	0	20	20	\$16.55	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	89	79	-10	-11.2%	0	3	3	\$15.45	Short-term on-the-job training
43-5051	Postal Service Clerks	577	559	-18	-3.1%	0	13	13	\$21.15	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,713	1,662	-51	-3.0%	0	50	50	\$20.58	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	961	845	-116	-12.1%	0	10	10	\$18.09	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,287	1,279	-8	-0.6%	0	35	35	\$19.58	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,647	2,623	-24	-0.9%	0	63	63	\$12.87	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,601	6,921	-680	-8.9%	0	180	180	\$10.29	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	302	292	-10	-3.3%	0	8	8	\$13.68	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,533	3,733	200	5.7%	20	56	76	\$19.33	Work experience in a related occupation
43-6012	Legal Secretaries	1,349	1,419	70	5.2%	7	22	29	\$16.17	Associate degree

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43-6013	Medical Secretaries	3,602	4,149	547	15.2%	55	57	112	\$13.44	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	10,805	10,121	-684	-6.3%	0	172	172	\$13.74	Moderate-term on-the-job training
43-9011	Computer Operators	252	176	-76	-30.2%	0	4	4	\$16.43	Moderate-term on-the-job training
43-9021	Data Entry Keyers	776	672	-104	-13.4%	0	19	19	\$11.93	Moderate-term on-the-job training
43-9022	Word Processors and Typists	743	610	-133	-17.9%	0	14	14	\$12.48	Moderate-term on-the-job training
43-9031	Desktop Publishers	137	156	19	13.9%	2	3	5	\$16.04	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	1,849	1,699	-150	-8.1%	0	22	22	\$15.48	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	485	395	-90	-18.6%	0	13	13	\$11.41	Short-term on-the-job training
43-9061	Office Clerks, General	14,238	15,020	782	5.5%	78	261	339	\$11.82	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	178	169	-9	-5.1%	0	6	6	\$12.53	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	50	51	1	2.0%	0	1	1	\$12.03	Short-term on-the-job training
43-9111	Statistical Assistants	151	151	0	0.0%	0	7	7	\$15.33	Moderate-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	806	628	-178	-22.1%	0	18	18	\$14.30	Short-term on-the-job training
45-0000	Farming, Fishing, and Forestry Occupations	9,151	9,679	528	5.8%	82	176	258	\$14.44	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	372	386	14	3.8%	1	7	8	\$24.72	Work experience in a related occupation
45-2011	Agricultural Inspectors	74	83	9	12.2%	1	2	3	\$18.18	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	287	228	-59	-20.6%	0	4	4	\$8.60	Work experience in a related occupation
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,375	1,579	204	14.8%	20	34	54	\$10.75	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	436	484	48	11.0%	5	11	16	\$10.32	Short-term on-the-job training
45-3021	Hunters and Trappers	14	22	8	57.1%	1	0	1	NA	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	1,927	1,998	71	3.7%	7	39	46	\$14.43	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	356	286	-70	-19.7%	0	7	7	\$15.89	Moderate-term on-the-job training
47-0000	Construction and Extraction Occupations	42,460	43,460	1,000	2.4%	122	737	859	\$16.96	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	4,627	4,748	121	2.6%	12	65	77	\$23.49	Work experience in a related occupation
47-2011	Boilermakers	58	65	7	12.1%	1	2	3	\$20.39	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	376	397	21	5.6%	2	8	10	\$18.52	Long-term on-the-job training
47-2031	Carpenters	11,492	11,306	-186	-1.6%	0	156	156	\$16.36	Long-term on-the-job training
47-2044	Tile and Marble Setters	86	93	7	8.1%	1	1	2	\$16.14	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	681	728	47	6.9%	5	20	25	\$14.48	Moderate-term on-the-job training
47-2061	Construction Laborers	3,837	4,010	173	4.5%	17	29	46	\$12.97	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	324	327	3	0.9%	0	7	7	\$12.66	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	2,039	2,164	125	6.1%	13	40	53	\$16.01	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	464	485	21	4.5%	2	6	8	\$18.20	Moderate-term on-the-job training
47-2082	Tapers	154	162	8	5.2%	1	2	3	\$20.35	Moderate-term on-the-job training
47-2111	Electricians	3,304	3,340	36	1.1%	4	85	89	\$21.01	Long-term on-the-job training

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		2006	2016	Net	Percent	Growth	Replacement	Total		
47-2121	Glaziers	211	210	-1	-0.5%	0	4	4	\$14.59	Long-term on-the-job training
47-2131	Insulation Workers, Floor, Ceiling, and Wall	87	92	5	5.7%	1	2	3	\$14.59	Moderate-term on-the-job training
47-2132	Insulation Workers, Mechanical	175	179	4	2.3%	0	4	4	\$17.70	Moderate-term on-the-job training
47-2141	Painters, Construction and Maintenance	2,969	3,029	60	2.0%	6	53	59	\$15.94	Moderate-term on-the-job training
47-2151	Pipelayers	78	84	6	7.7%	1	2	3	\$15.54	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,905	2,973	68	2.3%	7	60	67	\$19.84	Long-term on-the-job training
47-2181	Roofers	468	520	52	11.1%	5	11	16	\$15.15	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,267	1,358	91	7.2%	9	31	40	\$16.71	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	376	376	0	0.0%	0	12	12	\$17.23	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	210	223	13	6.2%	1	5	6	\$12.31	Short-term on-the-job training
47-3012	Helpers--Carpenters	399	389	-10	-2.5%	0	10	10	\$12.01	Short-term on-the-job training
47-3013	Helpers--Electricians	564	592	28	5.0%	3	14	17	\$14.92	Short-term on-the-job training
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	333	362	29	8.7%	3	8	11	\$13.25	Short-term on-the-job training
47-3016	Helpers--Roofers	193	198	5	2.6%	1	5	6	\$12.25	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	70	78	8	11.4%	1	2	3	\$10.77	Short-term on-the-job training
47-4011	Construction and Building Inspectors	331	370	39	11.8%	4	6	10	\$19.61	Work experience in a related occupation
47-4041	Hazardous Materials Removal Workers	211	209	-2	-0.9%	0	5	5	\$14.54	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	2,341	2,511	170	7.3%	17	43	60	\$13.83	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	114	123	9	7.9%	1	3	4	\$17.76	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	188	191	3	1.6%	0	4	4	\$14.89	Moderate-term on-the-job training
47-4099	Construction and Related Workers, All Other	445	464	19	4.3%	2	12	14	\$14.10	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	127	129	2	1.6%	0	4	4	\$18.79	Moderate-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	29,757	30,622	865	2.9%	128	495	623	\$17.56	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,530	2,535	5	0.2%	1	59	60	\$23.71	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	777	803	26	3.3%	3	9	12	\$16.12	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	744	847	103	13.8%	10	18	28	\$20.76	Postsecondary vocational training
49-2091	Avionics Technicians	17	18	1	5.9%	0	0	0	\$17.25	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	153	135	-18	-11.8%	0	6	6	\$15.83	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	154	160	6	3.9%	1	3	4	\$18.37	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	449	362	-87	-19.4%	0	15	15	\$23.85	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	21	1	5.0%	0	1	1	\$28.33	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	368	371	3	0.8%	0	3	3	\$13.33	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	313	376	63	20.1%	6	4	10	\$18.61	Postsecondary vocational training
49-3011	Aircraft Mechanics and Service Technicians	211	206	-5	-2.4%	0	2	2	\$21.17	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	1,043	1,043	0	0.0%	0	25	25	\$14.63	Long-term on-the-job training

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		2006	2016	Net	Percent	Growth	Replacement	Total		
49-3023	Automotive Service Technicians and Mechanics	5,392	5,639	247	4.6%	25	108	133	\$15.17	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,241	1,310	69	5.6%	7	27	34	\$16.82	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	85	77	-8	-9.4%	0	2	2	\$13.89	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	886	933	47	5.3%	5	17	22	\$18.29	Long-term on-the-job training
49-3051	Motorboat Mechanics	288	305	17	5.9%	2	6	8	\$17.08	Long-term on-the-job training
49-3052	Motorcycle Mechanics	114	117	3	2.6%	0	2	2	\$15.11	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	369	398	29	7.9%	3	7	10	\$12.18	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	67	71	4	6.0%	0	1	1	\$14.28	Long-term on-the-job training
49-3093	Tire Repairers and Changers	329	410	81	24.6%	8	7	15	\$10.34	Short-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	156	142	-14	-9.0%	0	3	3	\$22.22	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,951	2,103	152	7.8%	15	34	49	\$18.26	Long-term on-the-job training
49-9031	Home Appliance Repairers	144	149	5	3.5%	1	3	4	\$15.44	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,021	1,096	75	7.3%	8	17	25	\$19.63	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,391	5,572	181	3.4%	18	13	31	\$15.83	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	337	278	-59	-17.5%	0	5	5	\$15.58	Moderate-term on-the-job training
49-9044	Millwrights	883	774	-109	-12.3%	0	11	11	\$19.95	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	293	320	27	9.2%	3	9	12	\$21.76	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	725	727	2	0.3%	0	19	19	\$25.17	Long-term on-the-job training
49-9062	Medical Equipment Repairers	111	144	33	29.7%	3	3	6	\$23.54	Associate degree
49-9063	Musical Instrument Repairers and Tuners	105	96	-9	-8.6%	0	3	3	\$14.36	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	96	104	8	8.3%	1	3	4	\$19.09	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	205	187	-18	-8.8%	0	6	6	\$13.46	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	120	137	17	14.2%	2	2	4	\$17.39	Moderate-term on-the-job training
49-9096	Riggers	235	206	-29	-12.3%	0	2	2	\$19.27	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	567	616	49	8.6%	5	13	18	\$10.61	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,113	1,092	-21	-1.9%	0	7	7	\$18.18	Moderate-term on-the-job training
51-0000	Production Occupations	45,254	41,401	-3,853	-8.5%	70	906	976	\$15.29	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,893	3,745	-148	-3.8%	0	65	65	\$23.08	Work experience in a related occupation
51-2021	Coil Winders, Tapers, and Finishers	77	36	-41	-53.2%	0	1	1	\$14.01	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	718	389	-329	-45.8%	0	12	12	\$11.07	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	87	70	-17	-19.5%	0	2	2	\$13.25	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	20	11	-9	-45.0%	0	1	1	\$14.40	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	671	702	31	4.6%	3	12	15	\$16.97	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	436	456	20	4.6%	2	9	11	\$15.79	Moderate-term on-the-job training
51-2092	Team Assemblers	3,958	3,691	-267	-6.7%	0	82	82	\$12.04	Moderate-term on-the-job training

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51-2099	Assemblers and Fabricators, All Other	1,021	960	-61	-6.0%	0	21	21	\$10.49	Moderate-term on-the-job training
51-3011	Bakers	903	951	48	5.3%	5	19	24	\$11.70	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	448	469	21	4.7%	2	14	16	\$14.89	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	635	621	-14	-2.2%	0	20	20	\$9.99	Short-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	93	93	0	0.0%	0	4	4	\$13.66	Short-term on-the-job training
51-3092	Food Batchmakers	562	520	-42	-7.5%	0	14	14	\$12.05	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	127	106	-21	-16.5%	0	5	5	\$11.09	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	693	737	44	6.3%	4	8	12	\$18.95	Moderate-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	53	64	11	20.8%	1	1	2	\$21.54	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	136	147	11	8.1%	1	4	5	\$13.12	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	17	14	-3	-17.6%	0	1	1	\$13.24	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	461	395	-66	-14.3%	0	11	11	\$13.10	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	102	80	-22	-21.6%	0	2	2	\$16.05	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setter, Operator, Tender, Metal/Plastic	428	380	-48	-11.2%	0	4	4	\$17.92	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	109	99	-10	-9.2%	0	2	2	\$16.25	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	121	110	-11	-9.1%	0	1	1	\$12.97	Moderate-term on-the-job training
51-4041	Machinists	1,832	1,905	73	4.0%	7	28	35	\$20.09	Long-term on-the-job training
51-4071	Foundry Mold and Coremakers	21	21	0	0.0%	0	1	1	\$12.32	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setter, Operator, and Tender, Metal and Plastic	189	148	-41	-21.7%	0	4	4	\$16.42	Moderate-term on-the-job training
51-4111	Tool and Die Makers	165	147	-18	-10.9%	0	2	2	\$24.19	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,691	1,816	125	7.4%	13	36	49	\$18.39	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	157	160	3	1.9%	0	3	3	\$17.62	Postsecondary vocational training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	36	34	-2	-5.6%	0	1	1	\$16.29	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	165	125	-40	-24.2%	0	3	3	\$20.81	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	115	133	18	15.7%	2	3	5	\$15.16	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	111	89	-22	-19.8%	0	2	2	\$14.48	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	76	58	-18	-23.7%	0	1	1	\$16.97	Moderate-term on-the-job training
51-5011	Bindery Workers	366	293	-73	-19.9%	0	5	5	\$12.65	Short-term on-the-job training
51-5021	Job Printers	177	159	-18	-10.2%	0	2	2	\$15.28	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	303	249	-54	-17.8%	0	5	5	\$14.55	Postsecondary vocational training
51-5023	Printing Machine Operators	820	798	-22	-2.7%	0	18	18	\$14.84	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,028	1,062	34	3.3%	3	23	26	\$9.79	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	134	118	-16	-11.9%	0	1	1	\$10.04	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,077	990	-87	-8.1%	0	10	10	\$11.07	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	151	122	-29	-19.2%	0	3	3	\$12.44	Long-term on-the-job training

Employment and Job Openings in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
51-6042	Shoe Machine Operators and Tenders	133	109	-24	-18.0%	0	1	1	\$12.12	Moderate-term on-the-job training
51-6051	Sewers, Hand	235	168	-67	-28.5%	0	4	4	\$11.56	Short-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	162	135	-27	-16.7%	0	2	2	\$12.65	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	104	90	-14	-13.5%	0	4	4	\$11.73	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	16	15	-1	-6.3%	0	0	0	\$15.53	Long-term on-the-job training
51-6093	Upholsterers	208	196	-12	-5.8%	0	3	3	\$14.95	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	94	73	-21	-22.3%	0	2	2	\$14.92	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	903	627	-276	-30.6%	0	27	27	\$15.01	Long-term on-the-job training
51-7021	Furniture Finishers	91	63	-28	-30.8%	0	2	2	\$13.81	Long-term on-the-job training
51-7032	Patternmakers, Wood	22	11	-11	-50.0%	0	1	1	\$16.04	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	765	706	-59	-7.7%	0	15	15	\$12.46	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	926	815	-111	-12.0%	0	23	23	\$11.61	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	412	354	-58	-14.1%	0	9	9	\$12.55	Moderate-term on-the-job training
51-8013	Power Plant Operators	457	504	47	10.3%	5	16	21	\$23.58	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	513	416	-97	-18.9%	0	9	9	\$19.82	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	594	620	26	4.4%	3	10	13	\$17.20	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	64	55	-9	-14.1%	0	2	2	\$16.48	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	218	214	-4	-1.8%	0	5	5	\$18.79	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setter, Operator, and Tender	483	423	-60	-12.4%	0	11	11	\$16.94	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	116	83	-33	-28.4%	0	2	2	\$16.17	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	264	274	10	3.8%	1	4	5	\$15.93	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	429	389	-40	-9.3%	0	7	7	\$18.32	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	75	81	6	8.0%	1	1	2	\$10.65	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	767	593	-174	-22.7%	0	12	12	\$16.67	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	272	252	-20	-7.4%	0	5	5	\$14.12	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	314	259	-55	-17.5%	0	9	9	\$16.48	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,720	1,473	-247	-14.4%	0	26	26	\$15.32	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	301	322	21	7.0%	2	5	7	\$16.33	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	151	159	8	5.3%	1	3	4	\$14.41	Long-term on-the-job training
51-9082	Medical Appliance Technicians	27	29	2	7.4%	0	1	1	\$16.83	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,787	1,569	-218	-12.2%	0	33	33	\$12.73	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	968	721	-247	-25.5%	0	19	19	\$18.48	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	348	355	7	2.0%	1	7	8	\$15.53	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	259	234	-25	-9.7%	0	5	5	\$10.68	Short-term on-the-job training
51-9131	Photographic Process Workers	53	30	-23	-43.4%	0	2	2	\$14.62	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
51-9132	Photographic Processing Machine Operators	253	116	-137	-54.2%	0	9	9	\$9.96	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	78	66	-12	-15.4%	0	2	2	\$12.98	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	52	36	-16	-30.8%	0	2	2	\$10.76	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	24	17	-7	-29.2%	0	1	1	\$12.69	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	670	716	46	6.9%	5	15	20	\$12.86	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	951	700	-251	-26.4%	0	23	23	\$18.43	Moderate-term on-the-job training
51-9198	Helpers-Production Workers	1,522	1,365	-157	-10.3%	0	37	37	\$11.12	Short-term on-the-job training
51-9199	Production Workers, All Other	851	716	-135	-15.9%	0	18	18	\$11.54	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	46,191	46,322	131	0.3%	117	1,011	1,128	\$13.55	NA
53-1011	Aircraft Cargo Handling Supervisors	16	18	2	12.5%	0	0	0	\$22.73	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,153	1,278	125	10.8%	13	24	37	\$17.04	Work experience in a related occupation
53-1031	First-Line Supv/Mgr of Transportation and Material-Moving Machine and Vehicle Operators	908	964	56	6.2%	6	19	25	\$24.51	Work experience in a related occupation
53-2012	Commercial Pilots	86	90	4	4.7%	0	3	3	\$42.610	Postsecondary vocational training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	230	274	44	19.1%	4	3	7	\$8.24	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	493	547	54	11.0%	5	7	12	\$14.36	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,902	1,943	41	2.2%	4	25	29	\$13.30	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	2,109	1,955	-154	-7.3%	0	37	37	\$10.62	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,827	12,184	357	3.0%	36	210	246	\$15.96	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4,364	4,678	314	7.2%	31	77	108	\$14.04	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	714	769	55	7.7%	6	9	15	\$10.25	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	306	318	12	3.9%	1	5	6	\$10.25	Short-term on-the-job training
53-4011	Locomotive Engineers	97	109	12	12.4%	1	3	4	\$30.69	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	87	98	11	12.6%	1	3	4	\$29.73	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	182	176	-6	-3.3%	0	7	7	\$13.86	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	222	213	-9	-4.1%	0	6	6	\$22.95	Work experience in a related occupation
53-6021	Parking Lot Attendants	275	259	-16	-5.8%	0	8	8	\$18.73	Short-term on-the-job training
53-6031	Service Station Attendants	848	882	34	4.0%	3	39	42	\$8.38	Short-term on-the-job training
53-6051	Transportation Inspectors	61	64	3	4.9%	0	2	2	\$29.74	Work experience in a related occupation
53-7011	Conveyor Operators and Tenders	330	243	-87	-26.4%	0	6	6	\$14.57	Short-term on-the-job training
53-7021	Crane and Tower Operators	247	243	-4	-1.6%	0	4	4	\$19.06	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	360	381	21	5.8%	2	6	8	\$15.77	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	3,240	3,180	-60	-1.9%	0	82	82	\$13.42	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,114	1,102	-12	-1.1%	0	43	43	\$10.21	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,560	8,354	-206	-2.4%	0	274	274	\$11.06	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	485	378	-107	-22.1%	0	9	9	\$12.92	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016
(Sorted by Occupational Group)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
53-7064	Packers and Packers, Hand	3,693	3,353	-340	-9.2%	0	45	45	\$8.65	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	1,343	1,356	13	1.0%	1	36	37	\$11.37	Short-term on-the-job training
53-7199	Material Moving Workers, All Other	47	45	-2	-4.3%	0	1	1	\$11.89	Moderate-term on-the-job training

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

Wages in italics are for 2006, as 2007 wages were not available for these occupations.

Detail may not add to totals due to the suppression of confidential data.

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
13-2011	Accountants and Auditors	3,967	4,395	428	10.8%	43	70	113	\$25.89	Bachelor's degree
27-2011	Actors	55	54	-1	-1.8%	0	1	1	\$14.97	Long-term on-the-job training
11-3011	Administrative Services Managers	1,097	1,151	54	4.9%	5	29	34	\$29.23	Bachelor's or higher degree, plus work experience
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	199	255	56	28.1%	6	2	8	\$20.29	Bachelor's degree
11-2011	Advertising and Promotions Managers	288	294	6	2.1%	1	6	7	\$27.72	Bachelor's or higher degree, plus work experience
41-3011	Advertising Sales Agents	756	873	117	15.5%	12	13	25	\$17.90	Moderate-term on-the-job training
19-4011	Agricultural and Food Science Technicians	73	71	-2	-2.7%	0	1	1	\$15.37	Associate degree
45-2011	Agricultural Inspectors	74	83	9	12.2%	1	2	3	\$18.18	Work experience in a related occupation
53-1011	Aircraft Cargo Handling Supervisors	16	18	2	12.5%	0	0	0	\$22.73	Work experience in a related occupation
49-3011	Aircraft Mechanics and Service Technicians	211	206	-5	-2.4%	0	2	2	\$21.17	Postsecondary vocational training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	230	274	44	19.1%	4	3	7	\$8.24	Moderate-term on-the-job training
39-3091	Amusement and Recreation Attendants	860	925	65	7.6%	7	42	49	\$9.10	Short-term on-the-job training
29-1061	Anesthesiologists	179	201	22	12.3%	2	3	5	\$90.52	First professional degree
33-9011	Animal Control Workers	176	197	21	11.9%	2	4	6	\$10.66	Moderate-term on-the-job training
39-2011	Animal Trainers	153	134	-19	-12.4%	0	3	3	\$15.81	Moderate-term on-the-job training
25-1061	Anthropology and Archeology Teachers, Postsecondary	48	52	4	8.3%	0	1	1	\$75.910	Doctoral degree
13-2021	Appraisers and Assessors of Real Estate	716	774	58	8.1%	6	14	20	\$21.13	Bachelor's degree
23-1022	Arbitrators, Mediators, and Conciliators	46	47	1	2.2%	0	1	1	\$24.60	Bachelor's or higher degree, plus work experience
17-1011	Architects, Except Landscape and Naval	507	536	29	5.7%	3	10	13	\$28.56	Bachelor's degree
17-3011	Architectural and Civil Drafters	719	731	12	1.7%	1	21	22	\$19.83	Postsecondary vocational training
25-4011	Archivists	42	44	2	4.8%	0	2	2	\$21.10	Master's degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	26	28	2	7.7%	0	0	0	\$59,850	Doctoral degree
27-1011	Art Directors	214	235	21	9.8%	2	5	7	\$32.91	Bachelor's or higher degree, plus work experience
25-1121	Art, Drama, and Music Teachers, Postsecondary	247	272	25	10.1%	3	4	7	\$62,390	Master's degree
51-2099	Assemblers and Fabricators, All Other	1,021	960	-61	-6.0%	0	21	21	\$10.49	Moderate-term on-the-job training
29-9091	Athletic Trainers	72	76	4	5.6%	0	1	1	\$41,560	Bachelor's degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	98	109	11	11.2%	1	2	3	\$78,420	Doctoral degree
27-4011	Audio and Video Equipment Technicians	106	124	18	17.0%	2	4	6	\$17.23	Long-term on-the-job training
49-3021	Automotive Body and Related Repairers	1,043	1,043	0	0.0%	0	25	25	\$14.63	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,392	5,639	247	4.6%	25	108	133	\$15.17	Postsecondary vocational training
49-2091	Avionics Technicians	17	18	1	5.9%	0	0	0	\$17.25	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	131	125	-6	-4.6%	0	2	2	\$10.33	Short-term on-the-job training
33-3011	Bailiffs	90	100	10	11.1%	1	2	3	\$13.58	Moderate-term on-the-job training
51-3011	Bakers	903	951	48	5.3%	5	19	24	\$11.70	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
35-3011	Barenders	2,521	2,829	308	12.2%	31	92	123	\$9.51	Short-term on-the-job training
43-3011	Bill and Account Collectors	1,596	1,769	173	10.8%	17	24	41	\$15.09	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,045	2,066	21	1.0%	2	26	28	\$13.36	Moderate-term on-the-job training
51-5011	Bindery Workers	366	293	-73	-19.9%	0	5	5	\$12.65	Short-term on-the-job training
19-1021	Biochemists and Biophysicists	49	63	14	28.6%	1	1	2	\$30.44	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	225	246	21	9.3%	2	4	6	\$66,700	Doctoral degree
19-4021	Biological Technicians	560	650	90	16.1%	9	20	29	\$18.18	Bachelor's degree
17-2031	Biomedical Engineers	20	18	-2	-10.0%	0	1	1	\$40.65	Bachelor's degree
47-2011	Boilermakers	58	65	7	12.1%	1	2	3	\$20.39	Long-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,118	8,617	499	6.1%	50	127	177	\$14.73	Moderate-term on-the-job training
47-2021	Brickmasons and Blockmasons	376	397	21	5.6%	2	8	10	\$18.52	Long-term on-the-job training
27-4012	Broadcast Technicians	195	171	-24	-12.3%	0	6	6	\$13.73	Associate degree
43-4011	Brokerage Clerks	259	225	-34	-13.1%	0	8	8	\$19.47	Moderate-term on-the-job training
13-2031	Budget Analysts	163	168	5	3.1%	1	4	5	\$27.73	Bachelor's degree
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,241	1,310	69	5.6%	7	27	34	\$16.82	Postsecondary vocational training
53-3022	Bus Drivers, School	1,902	1,943	41	2.2%	4	25	29	\$13.30	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	493	547	54	11.0%	5	7	12	\$14.36	Moderate-term on-the-job training
13-1199	Business Operations Specialists, All Other	3,654	4,187	533	14.6%	53	39	92	\$27.92	Bachelor's degree
25-1011	Business Teachers, Postsecondary	223	251	28	12.6%	3	4	7	\$63,650	Master's degree
51-3021	Butchers and Meat Cutters	448	469	21	4.7%	2	14	16	\$14.89	Long-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	903	627	-276	-30.6%	0	27	27	\$15.01	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	99	97	-2	-2.0%	0	2	2	\$13.87	Postsecondary vocational training
53-5021	Captains, Mates, and Pilots of Water Vessels	222	213	-9	-4.1%	0	6	6	\$22.95	Work experience in a related occupation
29-2031	Cardiovascular Technologists and Technicians	207	260	53	25.6%	5	3	8	\$24.22	Associate degree
43-5011	Cargo and Freight Agents	163	171	8	4.9%	1	4	5	\$19.42	Moderate-term on-the-job training
47-2031	Carpenters	11,492	11,306	-186	-1.6%	0	156	156	\$16.36	Long-term on-the-job training
17-1021	Cartographers and Photogrammetrists	53	55	2	3.8%	0	2	2	\$23.16	Bachelor's degree
41-2011	Cashiers	15,871	15,649	-222	-1.4%	0	755	755	\$8.73	Short-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	681	728	47	6.9%	5	20	25	\$14.48	Moderate-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	78	66	-12	-15.4%	0	2	2	\$12.98	Moderate-term on-the-job training
35-1011	Chefs and Head Cooks	621	641	20	3.2%	2	8	10	\$18.58	Work experience in a related occupation
17-2041	Chemical Engineers	198	164	-34	-17.2%	0	5	5	\$39.73	Bachelor's degree
51-9011	Chemical Equipment Operators and Tenders	218	214	-4	-1.8%	0	5	5	\$18.79	Moderate-term on-the-job training
19-4031	Chemical Technicians	166	154	-12	-7.2%	0	6	6	\$17.53	Associate degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
25-1052	Chemistry Teachers, Postsecondary	97	106	9	9.3%	1	2	3	\$67,810	Doctoral degree
19-2031	Chemists	172	188	16	9.3%	2	5	7	\$25,772	Bachelor's degree
11-1011	Chief Executives	903	852	-51	-5.6%	0	25	25	\$58,022	Bachelor's or higher degree, plus work experience
39-9011	Child Care Workers	5,781	6,288	507	8.8%	51	166	217	\$10,446	Short-term on-the-job training
21-1021	Child, Family, and School Social Workers	2,132	2,331	199	9.3%	20	45	65	\$19,044	Bachelor's degree
29-1011	Chiropractors	397	444	47	11.8%	5	4	9	\$33,877	First professional degree
27-2032	Choreographers	110	123	13	11.8%	1	6	7	\$12,700	Work experience in a related occupation
17-3022	Civil Engineering Technicians	520	518	-2	-0.4%	0	10	10	\$20,144	Associate degree
17-2051	Civil Engineers	792	841	49	6.2%	5	21	26	\$30,334	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	1,575	1,615	40	2.5%	4	40	44	\$24,477	Long-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,114	1,102	-12	-1.1%	0	43	43	\$10,211	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	52	36	-16	-30.8%	0	2	2	\$10,766	Moderate-term on-the-job training
21-2011	Clergy	2,245	2,252	7	0.3%	1	30	31	\$22,447	Master's degree
19-3031	Clinical, Counseling, and School Psychologists	790	877	87	11.0%	9	12	21	\$35,449	Doctoral degree
27-2022	Coaches and Scouts	2,051	2,049	-2	-0.1%	0	53	53	\$20,780	Long-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	968	721	-247	-25.5%	0	19	19	\$18,448	Moderate-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	77	36	-41	-53.2%	0	1	1	\$14,011	Short-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	205	187	-18	-8.8%	0	6	6	\$13,446	Moderate-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	13,466	15,461	1,995	14.8%	200	255	455	\$8,336	Short-term on-the-job training
27-1021	Commercial and Industrial Designers	153	160	7	4.6%	1	4	5	\$25,990	Bachelor's degree
53-2012	Commercial Pilots	86	90	4	4.7%	0	3	3	\$42,610	Postsecondary vocational training
25-1122	Communications Teachers, Postsecondary	75	86	11	14.7%	1	1	2	\$49,970	Doctoral degree
21-1099	Community and Social Service Specialists, All Other	175	215	40	22.9%	4	2	6	\$16,944	Bachelor's degree
11-3041	Compensation and Benefits Managers	228	233	5	2.2%	1	4	5	\$35,077	Bachelor's or higher degree, plus work experience
13-1072	Compensation, Benefits, and Job Analysis Specialists	805	866	61	7.6%	6	17	23	\$22,334	Bachelor's degree
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,125	1,119	-6	-0.5%	0	13	13	\$22,330	Long-term on-the-job training
11-3021	Computer and Information Systems Managers	873	940	67	7.7%	7	14	21	\$42,662	Bachelor's or higher degree, plus work experience
43-9011	Computer Operators	252	176	-76	-30.2%	0	4	4	\$16,443	Moderate-term on-the-job training
15-1021	Computer Programmers	761	670	-91	-12.0%	0	16	16	\$30,077	Bachelor's degree
25-1021	Computer Science Teachers, Postsecondary	113	129	16	14.2%	2	2	4	\$61,250	Master's degree
15-1031	Computer Software Engineers, Applications	1,045	1,360	315	30.1%	32	15	47	\$30,088	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	310	343	33	10.6%	3	5	8	\$35,066	Bachelor's degree
15-1099	Computer Specialists, All Other	265	258	-7	-2.6%	0	7	7	\$29,885	Associate degree
15-1041	Computer Support Specialists	1,690	1,778	88	5.2%	9	52	61	\$19,552	Associate degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
15-1051	Computer Systems Analysts	1,688	2,019	331	19.6%	33	45	78	\$33.66	Bachelor's degree
49-2011	Computer, Automated Teller, and Office Machine Repairs	777	803	26	3.3%	3	9	12	\$16.12	Postsecondary vocational training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	693	737	44	6.3%	4	8	12	\$18.95	Moderate-term on-the-job training
39-6012	Concierges	30	30	0	0.0%	0	0	0	\$12.71	Moderate-term on-the-job training
19-1031	Conservation Scientists	84	83	-1	-1.2%	0	3	3	\$27.83	Bachelor's degree
47-4011	Construction and Building Inspectors	331	370	39	11.8%	4	6	10	\$19.61	Work experience in a related occupation
47-4099	Construction and Related Workers, All Other	445	464	19	4.3%	2	12	14	\$14.10	Moderate-term on-the-job training
47-2061	Construction Laborers	3,837	4,010	173	4.5%	17	29	46	\$12.97	Moderate-term on-the-job training
11-9021	Construction Managers	1,825	1,892	67	3.7%	7	28	35	\$36.35	Bachelor's degree
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	156	142	-14	-9.0%	0	3	3	\$22.22	Moderate-term on-the-job training
53-7011	Conveyor Operators and Tenders	330	243	-87	-26.4%	0	6	6	\$14.57	Short-term on-the-job training
35-2011	Cooks, Fast Food	1,350	1,435	85	6.3%	9	37	46	\$8.69	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,136	2,181	45	2.1%	5	58	63	\$11.40	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	4,958	5,396	438	8.8%	44	134	178	\$11.00	Long-term on-the-job training
35-2015	Cooks, Short Order	788	812	24	3.0%	2	21	23	\$9.41	Short-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	24	17	-7	-29.2%	0	1	1	\$12.69	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	1,263	1,458	195	15.4%	20	29	49	\$15.29	Moderate-term on-the-job training
13-1051	Cost Estimators	751	853	102	13.6%	10	15	25	\$23.96	Bachelor's degree
41-2021	Counter and Rental Clerks	2,022	2,277	255	12.6%	26	77	103	\$10.65	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,525	1,616	91	6.0%	9	106	115	\$8.52	Short-term on-the-job training
43-5021	Couriers and Messengers	377	401	24	6.4%	2	10	12	\$11.38	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	1,198	1,302	104	8.7%	10	27	37	\$13.35	Short-term on-the-job training
27-1012	Craft Artists	158	132	-26	-16.5%	0	4	4	\$13.35	Long-term on-the-job training
53-7021	Crane and Tower Operators	247	243	-4	-1.6%	0	4	4	\$19.06	Long-term on-the-job training
13-2041	Credit Analysts	243	220	-23	-9.5%	0	9	9	\$21.33	Bachelor's degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	44	50	6	13.6%	1	1	2	\$50.030	Doctoral degree
33-9091	Crossing Guards	474	551	77	16.2%	8	14	22	\$8.98	Short-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	116	83	-33	-28.4%	0	2	2	\$16.17	Moderate-term on-the-job training
25-4012	Curators	102	109	7	6.9%	1	4	5	\$21.45	Master's degree
43-4051	Customer Service Representatives	8,109	9,441	1,332	16.4%	133	226	359	\$13.84	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	75	81	6	8.0%	1	1	2	\$10.65	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	767	593	-174	-22.7%	0	12	12	\$16.67	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	461	395	-66	-14.3%	0	11	11	\$13.10	Moderate-term on-the-job training
43-9021	Data Entry Keyers	776	672	-104	-13.4%	0	19	19	\$11.93	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
15-1061	Database Administrators	329	395	66	20.1%	7	4	11	\$29.67	Bachelor's degree
41-9011	Demonstrators and Product Promoters	137	152	15	10.9%	2	4	6	\$9.76	Moderate-term on-the-job training
31-9091	Dental Assistants	1,066	1,286	220	20.6%	22	19	41	\$15.90	Moderate-term on-the-job training
29-2021	Dental Hygienists	977	1,175	198	20.3%	20	19	39	\$27.78	Associate degree
51-9081	Dental Laboratory Technicians	151	159	8	5.3%	1	3	4	\$14.41	Long-term on-the-job training
29-1021	Dentists, General	505	506	1	0.2%	0	10	10	\$80.48	First professional degree
27-1029	Designers, All Other	170	188	18	10.6%	2	5	7	\$14.30	Bachelor's degree
43-9031	Desktop Publishers	137	156	19	13.9%	2	3	5	\$16.04	Postsecondary vocational training
33-3021	Detectives and Criminal Investigators	437	510	73	16.7%	7	10	17	\$26.12	Work experience in a related occupation
29-2032	Diagnostic Medical Sonographers	160	186	26	16.3%	3	2	5	\$30.55	Associate degree
29-2051	Dietetic Technicians	174	196	22	12.6%	2	5	7	\$13.30	Postsecondary vocational training
29-1031	Dietitians and Nutritionists	311	326	15	4.8%	2	8	10	\$21.60	Bachelor's degree
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	818	874	56	6.8%	6	34	40	\$8.26	Short-term on-the-job training
35-9021	Dishwashers	2,668	2,839	171	6.4%	17	109	126	\$8.45	Short-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	798	789	-9	-1.1%	0	20	20	\$16.55	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	102	80	-22	-21.6%	0	2	2	\$16.05	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	2,109	1,955	-154	-7.3%	0	37	37	\$10.62	Short-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	464	485	21	4.5%	2	6	8	\$18.20	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	127	129	2	1.6%	0	4	4	\$18.79	Moderate-term on-the-job training
25-1063	Economics Teachers, Postsecondary	76	84	8	10.5%	1	1	2	\$76,720	Doctoral degree
19-3011	Economists	50	51	1	2.0%	0	2	2	\$25.48	Master's degree
27-3041	Editors	530	517	-13	-2.5%	0	16	16	\$22.66	Bachelor's degree
11-9039	Education Administrators, All Other	186	216	30	16.1%	3	5	8	\$22.76	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	1,464	1,433	-31	-2.1%	0	41	41	\$64.910	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	593	637	44	7.4%	4	17	21	\$30.78	Bachelor's or higher degree, plus work experience
11-9031	Education Administrators, Preschool and Child Care Center/Program	233	242	9	3.9%	1	7	8	\$18.27	Bachelor's or higher degree, plus work experience
25-1081	Education Teachers, Postsecondary	270	297	27	10.0%	3	5	8	\$54,900	Doctoral degree
25-9099	Education, Training, and Library Workers, All Other	91	112	21	23.1%	2	1	3	\$17.70	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	1,097	1,086	-11	-1.0%	0	22	22	\$21.59	Master's degree
49-2092	Electric Motor, Power Tool, and Related Repairs	153	135	-18	-11.8%	0	6	6	\$15.83	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	449	361	-88	-19.6%	0	9	9	\$23.43	Associate degree
51-2022	Electrical and Electronic Equipment Assemblers	718	389	-329	-45.8%	0	12	12	\$11.07	Short-term on-the-job training
17-3012	Electrical and Electronics Drafters	90	76	-14	-15.6%	0	3	3	\$22.44	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	154	160	6	3.9%	1	3	4	\$18.37	Postsecondary vocational training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

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		2006	2016	Net	Percent	Growth	Replacement	Total		
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	449	362	-87	-19.4%	0	15	15	\$23.85	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	21	1	5.0%	0	1	1	\$28.33	Postsecondary vocational training
17-2071	Electrical Engineers	251	226	-25	-10.0%	0	6	6	\$36.04	Bachelor's degree
49-9051	Electrical Power-Line Installers and Repairers	293	320	27	9.2%	3	9	12	\$21.76	Long-term on-the-job training
47-2111	Electricians	3,304	3,340	36	1.1%	4	85	89	\$21.01	Long-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	87	70	-17	-19.5%	0	2	2	\$13.25	Short-term on-the-job training
17-3024	Electro-Mechanical Technicians	230	141	-89	-38.7%	0	5	5	\$23.73	Associate degree
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	368	371	3	0.8%	0	3	3	\$13.33	Postsecondary vocational training
17-2072	Electronics Engineers, Except Computer	191	142	-49	-25.7%	0	4	4	\$37.70	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	6,419	6,604	185	2.9%	19	140	159	\$44,090	Bachelor's degree
43-4061	Eligibility Interviewers, Government Programs	615	618	3	0.5%	0	11	11	\$16.10	Moderate-term on-the-job training
13-1061	Emergency Management Specialists	90	104	14	15.6%	1	1	2	\$23.15	Work experience in a related occupation
29-2041	Emergency Medical Technicians and Paramedics	1,362	1,642	280	20.6%	28	16	44	\$13.29	Postsecondary vocational training
13-1071	Employment, Recruitment, and Placement Specialists	601	659	58	9.7%	6	13	19	\$22.06	Bachelor's degree
51-2031	Engine and Other Machine Assemblers	20	11	-9	-45.0%	0	1	1	\$14.40	Short-term on-the-job training
11-9041	Engineering Managers	705	691	-14	-2.0%	0	14	14	\$47.49	Bachelor's or higher degree, plus work experience
17-3029	Engineering Technicians, Except Drafters, All Other	586	544	-42	-7.2%	0	11	11	\$32.16	Associate degree
17-2199	Engineers, All Other	265	234	-31	-11.7%	0	3	3	\$39.94	Bachelor's degree
25-1123	English Language and Literature Teachers, Postsecondary	272	304	32	11.8%	3	5	8	\$55,720	Master's degree
17-3025	Environmental Engineering Technicians	194	212	18	9.3%	2	4	6	\$19.55	Associate degree
17-2081	Environmental Engineers	391	429	38	9.7%	4	12	16	\$31.26	Bachelor's degree
19-4091	Environmental Science and Protection Technicians, Including Health	198	217	19	9.6%	2	8	10	\$15.17	Associate degree
25-1053	Environmental Science Teachers, Postsecondary	48	54	6	12.5%	1	1	2	\$55,910	Doctoral degree
19-2041	Environmental Scientists and Specialists, Including Health	689	750	61	8.9%	6	18	24	\$24.68	Master's degree
19-1041	Epidemiologists	20	24	4	20.0%	0	1	1	\$35.61	Master's degree
53-7032	Excavating and Loading Machine and Dragline Operators	360	381	21	5.8%	2	6	8	\$15.77	Moderate-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,533	3,733	200	5.7%	20	56	76	\$19.33	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	136	147	11	8.1%	1	4	5	\$13.12	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	272	252	-20	-7.4%	0	5	5	\$14.12	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	16	15	-1	-6.3%	0	0	0	\$15.53	Long-term on-the-job training
29-1062	Family and General Practitioners	781	838	57	7.3%	6	14	20	\$69.36	First professional degree
25-9021	Farm and Home Management Advisors	112	107	-5	-4.5%	0	2	2	NA	Bachelor's degree
49-3041	Farm Equipment Mechanics	85	77	-8	-9.4%	0	2	2	\$13.89	Long-term on-the-job training
11-9011	Farm, Ranch, and Other Agricultural Managers	537	644	107	19.9%	11	4	15	\$27.32	Bachelor's or higher degree, plus work experience

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

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		2006	2016	Net	Percent	Growth	Replacement	Total		
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,375	1,579	204	14.8%	20	34	54	\$10.75	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	436	484	48	11.0%	5	11	16	\$10.32	Short-term on-the-job training
27-1022	Fashion Designers	21	25	4	19.0%	0	1	1	\$33.36	Associate degree
51-2091	Fiberglass Laminators and Fabricators	436	456	20	4.6%	2	9	11	\$15.79	Moderate-term on-the-job training
43-4071	File Clerks	418	242	-176	-42.1%	0	11	11	\$11.27	Short-term on-the-job training
27-4032	Film and Video Editors	95	91	-4	-4.2%	0	2	2	\$16.22	Bachelor's degree
13-2051	Financial Analysts	243	268	25	10.3%	3	1	4	\$35.16	Bachelor's degree
13-2061	Financial Examiners	116	120	4	3.4%	0	2	2	\$27.91	Bachelor's degree
11-3031	Financial Managers	2,692	2,881	189	7.0%	19	39	58	\$35.95	Bachelor's or higher degree, plus work experience
13-2099	Financial Specialists, All Other	375	401	26	6.9%	3	10	13	\$28.08	Bachelor's degree
33-2011	Fire Fighters	1,339	1,486	147	11.0%	15	49	64	\$16.51	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	85	88	3	3.5%	0	2	2	\$18.51	Work experience in a related occupation
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	4,627	4,748	121	2.6%	12	65	77	\$23.49	Work experience in a related occupation
33-1011	First-Line Supervisors/Managers of Correctional Officers	82	92	10	12.2%	1	2	3	\$21.97	Work experience in a related occupation
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	372	386	14	3.8%	1	7	8	\$24.72	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	249	278	29	11.6%	3	8	11	\$19.50	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,110	4,437	327	8.0%	33	31	64	\$13.77	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,153	1,278	125	10.8%	13	24	37	\$17.04	Work experience in a related occupation
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,006	1,040	34	3.4%	3	15	18	\$16.95	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	865	962	97	11.2%	10	6	16	\$17.21	Work experience in a related occupation
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,530	2,535	5	0.2%	1	59	60	\$23.71	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,297	1,280	-17	-1.3%	0	19	19	\$28.44	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,720	7,979	259	3.4%	26	159	185	\$19.73	Work experience in a related occupation
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,198	1,322	124	10.4%	12	26	38	\$14.57	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	392	415	23	5.9%	2	12	14	\$27.07	Work experience in a related occupation
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,893	3,745	-148	-3.8%	0	65	65	\$23.08	Work experience in a related occupation
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,067	10,114	47	0.5%	5	211	216	\$16.72	Work experience in a related occupation
53-1031	First-Line Supv/Mgr of Transportation and Material-Moving Machine and Vehicle Operators	908	964	56	6.2%	6	19	25	\$24.51	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	120	124	4	3.3%	0	2	2	\$21.48	Work experience in a related occupation
33-3031	Fish and Game Wardens	135	136	1	0.7%	0	3	3	\$20.31	Associate degree
39-9031	Fitness Trainers and Aerobics Instructors	947	1,028	81	8.6%	8	18	26	\$12.46	Postsecondary vocational training
27-1023	Floral Designers	468	410	-58	-12.4%	0	12	12	\$10.25	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	93	93	0	0.0%	0	4	4	\$13.66	Short-term on-the-job training
51-3092	Food Batchmakers	562	520	-42	-7.5%	0	14	14	\$12.05	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

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		2006	2016	Net	Percent	Growth	Total			
							Replacement	Total		
51-3093	Food Cooking Machine Operators and Tenders	127	106	-21	-16.5%	0	5	5	\$11.09	Short-term on-the-job training
35-2021	Food Preparation Workers	5,526	6,052	526	9.5%	53	192	245	\$9.81	Short-term on-the-job training
19-1012	Food Scientists and Technologists	22	22	0	0.0%	0	1	1	\$28.79	Bachelor's degree
35-3041	Food Servers, Nonrestaurant	922	992	70	7.6%	7	14	21	\$9.27	Short-term on-the-job training
11-9051	Food Service Managers	1,744	1,781	37	2.1%	4	41	45	\$23.43	Work experience in a related occupation
25-1124	Foreign Language and Literature Teachers, Postsecondary	106	116	10	9.4%	1	2	3	\$59,640	Master's degree
19-4093	Forest and Conservation Technicians	43	41	-2	-4.7%	0	2	2	\$17.23	Associate degree
19-1032	Foresters	172	159	-13	-7.6%	0	5	5	\$22.63	Bachelor's degree
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	17	14	-3	-17.6%	0	1	1	\$13.24	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	21	21	0	0.0%	0	1	1	\$12.32	Moderate-term on-the-job training
39-4021	Funeral Attendants	142	160	18	12.7%	2	3	5	\$13.03	Short-term on-the-job training
11-9061	Funeral Directors	202	226	24	11.9%	2	5	7	\$24.17	Associate degree
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	314	259	-55	-17.5%	0	9	9	\$16.48	Moderate-term on-the-job training
51-7021	Furniture Finishers	91	63	-28	-30.8%	0	2	2	\$13.81	Long-term on-the-job training
39-3012	Gaming and Sports Book Writers and Runners	86	126	40	46.5%	4	2	6	\$8.90	Short-term on-the-job training
11-1021	General and Operations Managers	8,671	8,263	-408	-4.7%	0	209	209	\$43.11	Bachelor's or higher degree, plus work experience
19-4041	Geological and Petroleum Technicians	18	18	0	0.0%	0	1	1	\$17.02	Associate degree
19-2042	Geoscientists, Except Hydrologists and Geographers	149	151	2	1.3%	0	4	4	\$25.38	Master's degree
47-2121	Glaziers	211	210	-1	-0.5%	0	4	4	\$14.59	Long-term on-the-job training
45-2041	Graders and Sorters, Agricultural Products	287	228	-59	-20.6%	0	4	4	\$8.60	Work experience in a related occupation
27-1024	Graphic Designers	957	1,007	50	5.2%	5	25	30	\$17.00	Bachelor's degree
51-9022	Grinding and Polishing Workers, Hand	264	274	10	3.8%	1	4	5	\$15.93	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setter, Oper, Tender, Metal and Plastic	428	380	-48	-11.2%	0	4	4	\$17.92	Moderate-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	21	23	2	9.5%	0	0	0	\$17.51	Short-term on-the-job training
39-5012	Hairstylists, and Cosmetologists	3,429	3,937	508	14.8%	51	41	92	\$12.30	Postsecondary vocational training
47-4041	Hazardous Materials Removal Workers	211	209	-2	-0.9%	0	5	5	\$14.54	Moderate-term on-the-job training
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	104	107	3	2.9%	0	3	3	\$25.23	Bachelor's degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	272	326	54	19.9%	5	5	10	\$38.23	Bachelor's degree
21-1091	Health Educators	456	565	109	23.9%	11	5	16	\$19.21	Bachelor's degree
29-2099	Health Technologists and Technicians, All Other	101	116	15	14.9%	2	1	3	\$25.96	Postsecondary vocational training
29-9099	Healthcare Practitioners and Technical Workers, All Other	362	437	75	20.7%	8	7	15	\$23.34	Bachelor's degree
31-9099	Healthcare Support Workers, All Other	581	682	101	17.4%	10	7	17	\$12.17	Short-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	36	34	-2	-5.6%	0	1	1	\$16.29	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,951	2,103	152	7.8%	15	34	49	\$18.26	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
47-3019	Helpers, Construction Trades, All Other	70	78	8	11.4%	1	2	3	\$10.77	Short-term on-the-job training
47-3011	Helpers--Brickmasons, Stonemasons, and Tile and Marble Setters	210	223	13	6.2%	1	5	6	\$12.31	Short-term on-the-job training
47-3012	Helpers--Carpenters	399	389	-10	-2.5%	0	10	10	\$12.01	Short-term on-the-job training
47-3013	Helpers--Electricians	564	592	28	5.0%	3	14	17	\$14.92	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	567	616	49	8.6%	5	13	18	\$10.61	Short-term on-the-job training
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	333	362	29	8.7%	3	8	11	\$13.25	Short-term on-the-job training
51-9198	Helpers--Production Workers	1,522	1,365	-157	-10.3%	0	37	37	\$11.12	Short-term on-the-job training
47-3016	Helpers--Roofers	193	198	5	2.6%	1	5	6	\$12.25	Short-term on-the-job training
47-4051	Highway Maintenance Workers	2,341	2,511	170	7.3%	17	43	60	\$13.83	Moderate-term on-the-job training
19-3093	Historians	13	13	0	0.0%	0	0	0	\$20.57	Master's degree
25-1125	History Teachers, Postsecondary	127	141	14	11.0%	1	2	3	\$65.720	Doctoral degree
49-9031	Home Appliance Repairers	144	149	5	3.5%	1	3	4	\$15.44	Long-term on-the-job training
31-1011	Home Health Aides	4,949	5,957	1,008	20.4%	101	44	145	\$10.67	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,229	1,324	95	7.7%	10	84	94	\$9.40	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1,622	1,792	170	10.5%	17	66	83	\$10.51	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	538	601	63	11.7%	6	4	10	\$14.72	Short-term on-the-job training
11-3049	Human Resources Managers, All Other	353	376	23	6.5%	2	7	9	\$37.14	Bachelor's or higher degree, plus work experience
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	448	516	68	15.2%	7	10	17	\$23.63	Bachelor's degree
45-3021	Hunters and Trappers	14	22	8	57.1%	1	0	1	NA	Moderate-term on-the-job training
19-2043	Hydrologists	129	149	20	15.5%	2	3	5	\$33.00	Master's degree
17-3026	Industrial Engineering Technicians	379	400	21	5.5%	2	7	9	\$26.92	Associate degree
17-2112	Industrial Engineers	630	701	71	11.3%	7	15	22	\$33.29	Bachelor's degree
49-9041	Industrial Machinery Mechanics	1,021	1,096	75	7.3%	8	17	25	\$19.63	Long-term on-the-job training
11-3051	Industrial Production Managers	695	614	-81	-11.7%	0	24	24	\$37.08	Work experience in a related occupation
53-7051	Industrial Truck and Tractor Operators	3,240	3,180	-60	-1.9%	0	82	82	\$13.42	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	978	852	-126	-12.9%	0	16	16	\$13.36	Short-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,720	1,473	-247	-14.4%	0	26	26	\$15.32	Moderate-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,113	1,092	-21	-1.9%	0	7	7	\$18.18	Moderate-term on-the-job training
25-9031	Instructional Coordinators	361	498	137	38.0%	14	5	19	\$23.27	Master's degree
47-2131	Insulation Workers, Floor, Ceiling, and Wall	87	92	5	5.7%	1	2	3	\$14.59	Moderate-term on-the-job training
47-2132	Insulation Workers, Mechanical	175	179	4	2.3%	0	4	4	\$17.70	Moderate-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	41	43	2	4.9%	0	1	1	\$26.35	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	1,849	1,699	-150	-8.1%	0	22	22	\$15.48	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	3,122	3,241	119	3.8%	12	68	80	\$29.44	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement			
							Total	Total		
13-2053	Insurance Underwriters	463	459	-4	-0.9%	0	12	12	\$27.47	Bachelor's degree
27-1025	Interior Designers	170	154	-16	-9.4%	0	5	5	\$20.57	Associate degree
29-1063	Internists, General	499	527	28	5.6%	3	9	12	\$71.60	First professional degree
27-3091	Interpreters and Translators	305	387	82	26.9%	8	7	15	\$13.86	Long-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	700	757	57	8.1%	6	18	24	\$12.04	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,828	10,361	533	5.4%	53	188	241	\$11.72	Short-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	301	322	21	7.0%	2	5	7	\$16.33	Postsecondary vocational training
51-5021	Job Printers	177	159	-18	-10.2%	0	2	2	\$15.28	Long-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	83	84	1	1.2%	0	2	2	\$49.78	Bachelor's or higher degree, plus work experience
25-2012	Kindergarten Teachers, Except Special Education	890	937	47	5.3%	5	15	20	\$43.440	Bachelor's degree
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,560	8,354	-206	-2.4%	0	274	274	\$11.06	Short-term on-the-job training
17-1012	Landscape Architects	96	101	5	5.2%	1	2	3	\$29.17	Bachelor's degree
37-3011	Landscape and Groundskeeping Workers	5,237	5,850	613	11.7%	61	69	130	\$12.02	Short-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	109	99	-10	-9.2%	0	2	2	\$16.25	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,028	1,062	34	3.3%	3	23	26	\$9.79	Moderate-term on-the-job training
23-2092	Law Clerks	55	51	-4	-7.3%	0	1	1	\$20.61	Bachelor's degree
23-1011	Lawyers	2,944	3,111	167	5.7%	17	56	73	\$45.14	First professional degree
51-4192	Lay-Out Workers, Metal and Plastic	165	125	-40	-24.2%	0	3	3	\$20.81	Moderate-term on-the-job training
43-6012	Legal Secretaries	1,349	1,419	70	5.2%	7	22	29	\$16.17	Associate degree
23-2099	Legal Support Workers, All Other	85	87	2	2.4%	0	1	1	\$20.75	Moderate-term on-the-job training
11-1031	Legislators	407	413	6	1.5%	1	8	9	\$29,810	Bachelor's or higher degree, plus work experience
25-4021	Librarians	870	885	15	1.7%	2	24	26	\$20.88	Master's degree
43-4121	Library Assistants, Clerical	505	571	66	13.1%	7	16	23	\$10.57	Short-term on-the-job training
25-4031	Library Technicians	1,186	1,277	91	7.7%	9	58	67	\$13.70	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	1,824	1,931	107	5.9%	11	50	61	\$18.24	Postsecondary vocational training
19-4099	Life, Physical, and Social Science Technicians, All Other	184	186	2	1.1%	0	7	7	\$24.80	Associate degree
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	272	288	16	5.9%	2	20	22	\$8.68	Short-term on-the-job training
13-2071	Loan Counselors	58	56	-2	-3.4%	0	1	1	\$19.69	Bachelor's degree
43-4131	Loan Interviewers and Clerks	830	757	-73	-8.8%	0	14	14	\$14.01	Short-term on-the-job training
13-2072	Loan Officers	1,511	1,645	134	8.9%	13	16	29	\$26.46	Bachelor's degree
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	22	2	10.0%	0	1	1	\$8.12	Short-term on-the-job training
49-9094	Locksmiths and Safe Repairers	120	137	17	14.2%	2	2	4	\$17.39	Moderate-term on-the-job training
53-4011	Locomotive Engineers	97	109	12	12.4%	1	3	4	\$30.69	Moderate-term on-the-job training
11-9081	Lodging Managers	1,606	1,875	269	16.7%	27	35	62	\$24.37	Work experience in a related occupation

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Average Annual Openings			
							Replace-ment	Total		
45-4023	Log Graders and Scalers	356	286	-70	-19.7%	0	7	7	\$15.89	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	1,927	1,998	71	3.7%	7	39	46	\$14.43	Moderate-term on-the-job training
13-1081	Logisticians	180	187	7	3.9%	1	3	4	\$28.29	Bachelor's degree
53-7063	Machine Feeders and Offbearers	485	378	-107	-22.1%	0	9	9	\$12.92	Short-term on-the-job training
51-4041	Machinists	1,832	1,905	73	4.0%	7	28	35	\$20.09	Long-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	7,990	8,523	533	6.7%	53	151	204	\$9.70	Short-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	485	395	-90	-18.6%	0	13	13	\$11.41	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5,391	5,572	181	3.4%	18	13	31	\$15.83	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	337	278	-59	-17.5%	0	5	5	\$15.58	Moderate-term on-the-job training
13-1111	Management Analysts	2,193	2,261	68	3.1%	7	37	44	\$33.77	Bachelor's or higher degree, plus work experience
11-9199	Managers, All Other	1,447	1,454	7	0.5%	1	29	30	\$34.46	Work experience in a related occupation
39-5092	Manicurists and Pedicurists	126	158	32	25.4%	3	1	4	\$9.33	Postsecondary vocational training
17-2121	Marine Engineers and Naval Architects	55	50	-5	-9.1%	0	1	1	\$35.82	Bachelor's degree
19-3021	Market Research Analysts	202	209	7	3.5%	1	1	2	\$26.62	Bachelor's degree
11-2021	Marketing Managers	600	644	44	7.3%	4	13	17	\$40.08	Bachelor's or higher degree, plus work experience
21-1013	Marriage and Family Therapists	110	135	25	22.7%	3	2	5	\$18.72	Master's degree
31-9011	Massage Therapists	731	833	102	14.0%	10	8	18	\$15.96	Postsecondary vocational training
53-7199	Material Moving Workers, All Other	47	45	-2	-4.3%	0	1	1	\$11.89	Moderate-term on-the-job training
17-2131	Materials Engineers	44	41	-3	-6.8%	0	1	1	\$33.83	Bachelor's degree
19-2032	Materials Scientists	36	46	10	27.8%	1	1	2	\$30.80	Bachelor's degree
25-1022	Mathematical Science Teachers, Postsecondary	192	216	24	12.5%	2	3	5	\$57,380	Master's degree
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	635	621	-14	-2.2%	0	20	20	\$9.99	Short-term on-the-job training
17-3013	Mechanical Drafters	742	754	12	1.6%	1	21	22	\$22.27	Postsecondary vocational training
17-3027	Mechanical Engineering Technicians	129	132	3	2.3%	0	3	3	\$21.86	Associate degree
17-2141	Mechanical Engineers	631	572	-59	-9.4%	0	14	14	\$32.80	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	29	29	0	0.0%	0	1	1	\$27.52	Moderate-term on-the-job training
29-2012	Medical and Clinical Laboratory Technicians	756	896	140	18.5%	14	11	25	\$17.10	Associate degree
29-2011	Medical and Clinical Laboratory Technologists	887	1,110	223	25.1%	22	13	35	\$23.44	Bachelor's degree
11-9111	Medical and Health Services Managers	1,607	1,853	246	15.3%	25	30	55	\$39.63	Bachelor's or higher degree, plus work experience
21-1022	Medical and Public Health Social Workers	765	923	158	20.7%	16	16	32	\$18.53	Bachelor's degree
51-9082	Medical Appliance Technicians	27	29	2	7.4%	0	1	1	\$16.83	Long-term on-the-job training
31-9092	Medical Assistants	1,949	2,603	654	33.6%	65	24	89	\$13.48	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	226	259	33	14.6%	3	3	6	\$13.79	Short-term on-the-job training
49-9062	Medical Equipment Repairers	111	144	33	29.7%	3	3	6	\$23.54	Associate degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

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		2006	2016	Net	Percent	Growth	Replacement	Total		
29-2071	Medical Records and Health Information Technicians	768	894	126	16.4%	13	21	34	\$14.70	Associate degree
19-1042	Medical Scientists, Except Epidemiologists	108	125	17	15.7%	2	3	5	\$37.41	Doctoral degree
43-6013	Medical Secretaries	3,602	4,149	547	15.2%	55	57	112	\$13.44	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	602	694	92	15.3%	9	8	17	\$14.62	Postsecondary vocational training
13-1121	Meeting and Convention Planners	135	151	16	11.9%	2	3	5	\$18.09	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	1,753	2,092	339	19.3%	34	37	71	\$20.42	Master's degree
21-1014	Mental Health Counselors	468	588	120	25.6%	12	9	21	\$20.20	Master's degree
27-1026	Merchandise Displayers and Window Trimmers	207	228	21	10.1%	2	6	8	\$14.39	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	76	58	-18	-23.7%	0	1	1	\$16.97	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	89	79	-10	-11.2%	0	3	3	\$15.45	Short-term on-the-job training
19-1022	Microbiologists	56	62	6	10.7%	1	1	2	\$32.86	Doctoral degree
25-2022	Middle School Teachers, Except Special and Vocational Education	3,241	3,265	24	0.7%	2	71	73	\$44,190	Bachelor's degree
51-4035	Milling and Planning Machine Setters, Operators, and Tenders, Metal and Plastic	121	110	-11	-9.1%	0	1	1	\$12.97	Moderate-term on-the-job training
49-9044	Millwrights	883	774	-109	-12.3%	0	11	11	\$19.95	Long-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	429	389	-40	-9.3%	0	7	7	\$18.32	Moderate-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	886	933	47	5.3%	5	17	22	\$18.29	Long-term on-the-job training
41-9012	Models	19	20	1	5.3%	0	1	1	\$15.10	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	670	716	46	6.9%	5	15	20	\$12.86	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	189	148	-41	-21.7%	0	4	4	\$16.42	Moderate-term on-the-job training
39-3021	Motion Picture Projectionists	74	74	0	0.0%	0	3	3	\$9.59	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	306	318	12	3.9%	1	5	6	\$10.25	Short-term on-the-job training
49-3051	Motorboat Mechanics	288	305	17	5.9%	2	6	8	\$17.08	Long-term on-the-job training
49-3052	Motorcycle Mechanics	114	117	3	2.6%	0	2	2	\$15.11	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	312	339	27	8.7%	3	7	10	\$21.33	Bachelor's degree
25-4013	Museum Technicians and Conservators	84	84	0	0.0%	0	4	4	\$15.44	Bachelor's degree
27-2041	Music Directors and Composers	272	275	3	1.1%	0	6	6	NA	Bachelor's or higher degree, plus work experience
49-9063	Musical Instrument Repairers and Tuners	105	96	-9	-8.6%	0	3	3	\$14.36	Long-term on-the-job training
11-9121	Natural Sciences Managers	173	186	13	7.5%	1	4	5	\$42.17	Bachelor's or higher degree, plus work experience
15-1071	Network and Computer Systems Administrators	1,077	1,267	190	17.6%	19	25	44	\$27.90	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	798	1,174	376	47.1%	38	16	54	\$29.28	Bachelor's degree
43-4141	New Accounts Clerks	204	176	-28	-13.7%	0	6	6	\$13.82	Work experience in a related occupation
39-2021	Nonfarm Animal Caretakers	770	775	5	0.6%	1	12	13	\$10.16	Short-term on-the-job training
29-2033	Nuclear Medicine Technologists	72	84	12	16.7%	1	1	2	\$30.67	Associate degree
51-4012	Numerical Tool and Process Control Programmers	53	64	11	20.8%	1	1	2	\$21.54	Work experience in a related occupation

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
31-1012	Nursing Aides, Orderlies, and Attendants	10,039	10,816	777	7.7%	78	90	168	\$10.98	Postsecondary vocational training
25-1072	Nursing Instructors and Teachers, Postsecondary	306	351	45	14.7%	5	5	10	\$56,140	Doctoral degree
29-1064	Obstetricians and Gynecologists	119	133	14	11.8%	1	2	3	\$96.38	First professional degree
29-9011	Occupational Health and Safety Specialists	233	229	-4	-1.7%	0	4	4	\$30.39	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	43	46	3	7.0%	0	1	1	\$19.31	Bachelor's degree
31-2012	Occupational Therapist Aides	32	37	5	15.6%	1	1	2	\$13.48	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	155	180	25	16.1%	3	2	5	\$15.43	Associate degree
29-1122	Occupational Therapists	680	766	86	12.6%	9	10	19	\$23.82	Master's degree
43-9199	Office and Administrative Support Workers, All Other	806	628	-178	-22.1%	0	18	18	\$14.30	Short-term on-the-job training
43-9061	Office Clerks, General	14,238	15,020	782	5.5%	78	261	339	\$11.82	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	178	169	-9	-5.1%	0	6	6	\$12.53	Short-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	2,039	2,164	125	6.1%	13	40	53	\$16.01	Moderate-term on-the-job training
15-2031	Operations Research Analysts	187	210	23	12.3%	2	4	6	\$30.63	Master's degree
29-2081	Opticians, Dispensing	289	302	13	4.5%	1	9	10	\$15.48	Long-term on-the-job training
29-1041	Optometrists	120	143	23	19.2%	2	2	4	\$51.89	First professional degree
29-2091	Orthotists and Prosthetists	11	10	-1	-9.1%	0	0	0	\$29.80	Bachelor's degree
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	369	398	29	7.9%	3	7	10	\$12.18	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,787	1,569	-218	-12.2%	0	33	33	\$12.73	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,693	3,353	-340	-9.2%	0	45	45	\$8.65	Short-term on-the-job training
47-2141	Painters, Construction and Maintenance	2,969	3,029	60	2.0%	6	53	59	\$15.94	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	348	355	7	2.0%	1	7	8	\$15.53	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	259	234	-25	-9.7%	0	5	5	\$10.68	Short-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	951	700	-251	-26.4%	0	23	23	\$18.43	Moderate-term on-the-job training
23-2011	Paralegals and Legal Assistants	1,053	1,216	163	15.5%	16	14	30	\$20.10	Associate degree
33-3041	Parking Enforcement Workers	50	56	6	12.0%	1	1	2	\$13.04	Short-term on-the-job training
53-6021	Parking Lot Attendants	275	259	-16	-5.8%	0	8	8	\$18.73	Short-term on-the-job training
41-2022	Parts Salespersons	1,394	1,297	-97	-7.0%	0	16	16	\$14.24	Moderate-term on-the-job training
51-7032	Patternmakers, Wood	22	11	-11	-50.0%	0	1	1	\$16.04	Long-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	324	327	3	0.9%	0	7	7	\$12.66	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	672	649	-23	-3.4%	0	17	17	\$15.03	Moderate-term on-the-job training
29-1065	Pediatricians, General	169	181	12	7.1%	1	3	4	\$73.95	First professional degree
39-9021	Personal and Home Care Aides	6,188	7,925	1,737	28.1%	174	105	279	\$9.31	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	403	335	-68	-16.9%	0	9	9	\$8.06	Short-term on-the-job training
13-2052	Personal Financial Advisors	711	783	72	10.1%	7	6	13	\$49.40	Bachelor's degree

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement			
							Replac-	Total		
37-2021	Pest Control Workers	106	115	9	8.5%	1	3	4	\$15.44	Moderate-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	203	214	11	5.4%	1	3	4	\$11.94	Moderate-term on-the-job training
29-1051	Pharmacists	1,169	1,431	262	22.4%	26	20	46	\$52.37	First professional degree
31-9095	Pharmacy Aides	191	167	-24	-12.6%	0	2	2	\$9.74	Short-term on-the-job training
29-2052	Pharmacy Technicians	1,562	2,072	510	32.7%	51	48	99	\$12.51	Moderate-term on-the-job training
25-1126	Philosophy and Religion Teachers, Postsecondary	102	112	10	9.8%	1	2	3	\$56,980	Doctoral degree
27-4021	Photographers	488	459	-29	-5.9%	0	11	11	\$13.45	Long-term on-the-job training
51-9131	Photographic Process Workers	53	30	-23	-43.4%	0	2	2	\$14.62	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	253	116	-137	-54.2%	0	9	9	\$9.96	Short-term on-the-job training
31-2022	Physical Therapist Aides	152	184	32	21.1%	3	2	5	\$11.16	Short-term on-the-job training
31-2021	Physical Therapist Assistants	196	260	64	32.7%	6	3	9	\$18.64	Associate degree
29-1123	Physical Therapists	985	1,215	230	23.4%	23	12	35	\$29.04	Master's degree
29-1071	Physician Assistants	594	728	134	22.6%	13	8	21	\$39.88	Master's degree
29-1069	Physicians and Surgeons, All Other	1,435	1,600	165	11.5%	17	26	43	\$74.98	First professional degree
19-2012	Physicists	50	48	-2	-4.0%	0	1	1	\$46.40	Doctoral degree
25-1054	Physics Teachers, Postsecondary	52	57	5	9.6%	1	1	2	\$74,830	Doctoral degree
47-2151	Pipelayers	78	84	6	7.7%	1	2	3	\$15.54	Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	64	55	-9	-14.1%	0	2	2	\$16.48	Long-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	115	133	18	15.7%	2	3	5	\$15.16	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	2,905	2,973	68	2.3%	7	60	67	\$19.84	Long-term on-the-job training
29-1081	Podiatrists	135	142	7	5.2%	1	5	6	\$53.51	First professional degree
33-3051	Police and Sheriff's Patrol Officers	2,277	2,525	248	10.9%	25	61	86	\$18.05	Long-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	648	733	85	13.1%	9	16	25	\$15.61	Moderate-term on-the-job training
25-1065	Political Science Teachers, Postsecondary	79	87	8	10.1%	1	1	2	\$70,780	Doctoral degree
43-5051	Postal Service Clerks	577	559	-18	-3.1%	0	13	13	\$21.15	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,713	1,662	-51	-3.0%	0	50	50	\$20.58	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	961	845	-116	-12.1%	0	10	10	\$18.09	Short-term on-the-job training
11-9131	Postmasters and Mail Superintendents	416	396	-20	-4.8%	0	10	10	\$26.25	Work experience in a related occupation
51-8013	Power Plant Operators	457	504	47	10.3%	5	16	21	\$23.58	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	96	104	8	8.3%	1	3	4	\$19.09	Moderate-term on-the-job training
51-5022	Prepress Technicians and Workers	303	249	-54	-17.8%	0	5	5	\$14.55	Postsecondary vocational training
25-2011	Preschool Teachers, Except Special Education	1,692	1,755	63	3.7%	6	28	34	\$12.96	Postsecondary vocational training
51-6021	Pressers, Textile, Garment, and Related Materials	134	118	-16	-11.9%	0	1	1	\$10.04	Short-term on-the-job training
51-5023	Printing Machine Operators	820	798	-22	-2.7%	0	18	18	\$14.84	Moderate-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
33-9021	Private Detectives and Investigators	167	182	15	9.0%	2	3	5	\$16.33	Work experience in a related occupation
43-3061	Procurement Clerks	251	247	-4	-1.6%	0	5	5	\$16.33	Moderate-term on-the-job training
27-2012	Producers and Directors	314	296	-18	-5.7%	0	9	9	\$22.56	Bachelor's or higher degree, plus work experience
51-9199	Production Workers, All Other	851	716	-135	-15.9%	0	18	18	\$11.54	Moderate-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,287	1,279	-8	-0.6%	0	35	35	\$19.58	Moderate-term on-the-job training
43-9081	Proofreaders and Copy Markers	50	51	1	2.0%	0	1	1	\$12.03	Short-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	667	762	95	14.2%	10	9	19	\$24.83	Bachelor's degree
33-9099	Protective Service Workers, All Other	365	384	19	5.2%	2	27	29	\$13.66	Short-term on-the-job training
31-1013	Psychiatric Aides	629	708	79	12.6%	8	6	14	\$13.93	Short-term on-the-job training
29-2053	Psychiatric Technicians	218	261	43	19.7%	4	7	11	\$12.35	Postsecondary vocational training
29-1066	Psychiatrists	209	227	18	8.6%	2	4	6	\$71.16	First professional degree
25-1066	Psychology Teachers, Postsecondary	119	132	13	10.9%	1	2	3	\$63,520	Doctoral degree
11-2031	Public Relations Managers	307	334	27	8.8%	3	7	10	\$39.86	Bachelor's or higher degree, plus work experience
27-3031	Public Relations Specialists	1,014	1,084	70	6.9%	7	8	15	\$24.60	Bachelor's degree
13-1021	Purchasing Agents and Buyers, Farm Products	214	217	3	1.4%	0	3	3	\$20.61	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	995	974	-21	-2.1%	0	21	21	\$23.13	Long-term on-the-job training
11-3061	Purchasing Managers	343	349	6	1.7%	1	10	11	\$35.92	Bachelor's or higher degree, plus work experience
29-1124	Radiation Therapists	107	135	28	26.2%	3	2	5	\$29.50	Associate degree
27-3011	Radio and Television Announcers	211	148	-63	-29.9%	0	7	7	\$14.02	Long-term on-the-job training
29-2034	Radiologic Technologists and Technicians	1,106	1,327	221	20.0%	22	15	37	\$25.00	Associate degree
53-4031	Railroad Conductors and Yardmasters	87	98	11	12.6%	1	3	4	\$29.73	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	114	123	9	7.9%	1	3	4	\$17.76	Moderate-term on-the-job training
41-9021	Real Estate Brokers	1,344	1,334	-10	-0.7%	0	22	22	\$42.90	Work experience in a related occupation
41-9022	Real Estate Sales Agents	983	1,039	56	5.7%	6	16	22	\$22.85	Postsecondary vocational training
43-4171	Receptionists and Information Clerks	2,870	3,124	254	8.9%	25	70	95	\$11.29	Short-term on-the-job training
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	62	67	5	8.1%	1	1	2	\$53,260	Master's degree
39-9032	Recreation Workers	1,224	1,294	70	5.7%	7	23	30	\$11.83	Short-term on-the-job training
29-1125	Recreational Therapists	105	104	-1	-1.0%	0	2	2	\$16.59	Bachelor's degree
49-3092	Recreational Vehicle Service Technicians	67	71	4	6.0%	0	1	1	\$14.28	Long-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	1,343	1,356	13	1.0%	1	36	37	\$11.37	Short-term on-the-job training
29-1111	Registered Nurses	14,048	17,045	2,997	21.3%	300	232	532	\$27.89	Associate degree
21-1015	Rehabilitation Counselors	677	746	69	10.2%	7	13	20	\$18.76	Master's degree
27-3022	Reporters and Correspondents	359	365	6	1.7%	1	11	12	\$16.23	Bachelor's degree
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	176	166	-10	-5.7%	0	4	4	\$12.97	Short-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
39-9041	Residential Advisors	223	250	27	12.1%	3	6	9	\$10.72	Short-term on-the-job training
29-1126	Respiratory Therapists	493	607	114	23.1%	11	7	18	\$23.91	Associate degree
29-2054	Respiratory Therapy Technicians	77	79	2	2.6%	0	2	2	\$21.11	Associate degree
41-2031	Retail Salespersons	19,296	20,128	832	4.3%	83	594	677	\$12.07	Short-term on-the-job training
49-9096	Riggers	235	206	-29	-12.3%	0	2	2	\$19.27	Short-term on-the-job training
47-2181	Roofers	468	520	52	11.1%	5	11	16	\$15.15	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	182	176	-6	-3.3%	0	7	7	\$13.86	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	667	794	127	19.0%	13	6	19	\$19.56	Moderate-term on-the-job training
41-9031	Sales Engineers	109	97	-12	-11.0%	0	3	3	\$31.99	Bachelor's degree
11-2022	Sales Managers	1,263	1,303	40	3.2%	4	28	32	\$39.33	Bachelor's or higher degree, plus work experience
41-3099	Sales Representatives, Services, All Other	1,254	1,601	347	27.7%	35	30	65	\$25.06	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,214	6,960	746	12.0%	75	137	212	\$25.20	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	775	803	28	3.6%	3	17	20	\$33.32	Work experience in a related occupation
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	765	706	-59	-7.7%	0	15	15	\$12.46	Moderate-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,335	5,125	-210	-3.9%	0	159	159	\$43,130	Bachelor's degree
43-6014	Secretaries, Except Legal, Medical, and Executive	10,805	10,121	-684	-6.3%	0	172	172	\$13.74	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,054	1,109	55	5.2%	6	27	33	\$38.15	Bachelor's degree
49-2098	Security and Fire Alarm Systems Installers	313	376	63	20.1%	6	4	10	\$18.61	Postsecondary vocational training
33-9032	Security Guards	2,079	2,205	126	6.1%	13	42	55	\$11.44	Short-term on-the-job training
25-3021	Self-Enrichment Education Teachers	1,119	1,294	175	15.6%	18	12	30	\$17.10	Work experience in a related occupation
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setter, Operator, Tender	483	423	-60	-12.4%	0	11	11	\$16.94	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	188	191	3	1.6%	0	4	4	\$14.89	Moderate-term on-the-job training
53-6031	Service Station Attendants	848	882	34	4.0%	3	39	42	\$8.38	Short-term on-the-job training
51-6051	Sewers, Hand	235	168	-67	-28.5%	0	4	4	\$11.56	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,077	990	-87	-8.1%	0	10	10	\$11.07	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	1,267	1,358	91	7.2%	9	31	40	\$16.71	Long-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,647	2,623	-24	-0.9%	0	63	63	\$12.87	Short-term on-the-job training
51-6041	Shoe and Leather Workers and Repairs	151	122	-29	-19.2%	0	3	3	\$12.44	Long-term on-the-job training
51-6042	Shoe Machine Operators and Tenders	133	109	-24	-18.0%	0	1	1	\$12.12	Moderate-term on-the-job training
11-9151	Social and Community Service Managers	1,054	1,180	126	12.0%	13	20	33	\$24.15	Bachelor's degree
21-1093	Social and Human Service Assistants	4,791	6,063	1,272	26.5%	127	55	182	\$11.81	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	102	107	5	4.9%	1	4	5	\$16.00	Associate degree
19-3099	Social Scientists and Related Workers, All Other	209	213	4	1.9%	0	7	7	\$21.79	Master's degree
21-1029	Social Workers, All Other	199	223	24	12.1%	2	4	6	\$22.36	Bachelor's degree

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		2006	2016	Net	Percent	Growth	Replacement			
							Total	Total		
25-1067	Sociology Teachers, Postsecondary	61	67	6	9.8%	1	1	2	\$72,060	Doctoral degree
27-4014	Sound Engineering Technicians	12	11	-1	-8.3%	0	0	0	\$13.28	Postsecondary vocational training
25-2042	Special Education Teachers, Middle School	514	547	33	6.4%	3	11	14	\$42,450	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,652	1,787	135	8.2%	14	37	51	\$43,410	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	687	680	-7	-1.0%	0	15	15	\$42,820	Bachelor's degree
29-1127	Speech-Language Pathologists	700	721	21	3.0%	2	14	16	\$24,07	Master's degree
51-8021	Stationary Engineers and Boiler Operators	513	416	-97	-18.9%	0	9	9	\$19,82	Long-term on-the-job training
43-9111	Statistical Assistants	151	151	0	0.0%	0	7	7	\$15.33	Moderate-term on-the-job training
15-2041	Statisticians	37	39	2	5.4%	0	1	1	\$27,00	Master's degree
43-5081	Stock Clerks and Order Fillers	7,601	6,921	-680	-8.9%	0	180	180	\$10.29	Short-term on-the-job training
47-2221	Structural Iron and Steel Workers	376	376	0	0.0%	0	12	12	\$17.23	Long-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	671	702	31	4.6%	3	12	15	\$16.97	Moderate-term on-the-job training
21-1011	Substance Abuse and Behavioral Disorder Counselors	658	902	244	37.1%	24	13	37	\$19.26	Bachelor's degree
29-1067	Surgeons	516	543	27	5.2%	3	9	12	NA	First professional degree
29-2055	Surgical Technologists	443	561	118	26.6%	12	14	26	\$17.76	Postsecondary vocational training
17-3031	Surveying and Mapping Technicians	200	210	10	5.0%	1	4	5	\$18.91	Moderate-term on-the-job training
17-1022	Surveyors	367	400	33	9.0%	3	11	14	\$23.58	Bachelor's degree
43-2011	Switchboard Operators, Including Answering Service	852	753	-99	-11.6%	0	18	18	\$11.28	Short-term on-the-job training
47-2082	Tapers	154	162	8	5.2%	1	2	3	\$20.35	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	441	465	24	5.4%	2	11	13	\$19.57	Bachelor's degree
53-3041	Taxi Drivers and Chauffeurs	714	769	55	7.7%	6	9	15	\$10.25	Short-term on-the-job training
25-9041	Teacher Assistants	7,961	7,783	-178	-2.2%	0	130	130	\$26,510	Short-term on-the-job training
25-3099	Teachers and Instructors, All Other	2,487	2,411	-76	-3.1%	0	27	27	\$24,040	Bachelor's degree
51-2092	Team Assemblers	3,958	3,691	-267	-6.7%	0	82	82	\$12.04	Moderate-term on-the-job training
27-3042	Technical Writers	53	49	-4	-7.5%	0	2	2	\$22.94	Bachelor's degree
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	744	847	103	13.8%	10	18	28	\$20.76	Postsecondary vocational training
49-9052	Telecommunications Line Installers and Repairers	725	727	2	0.3%	0	19	19	\$25.17	Long-term on-the-job training
41-9041	Telemarketers	1,664	1,372	-292	-17.5%	0	59	59	\$12.91	Short-term on-the-job training
43-3071	Tellers	2,974	3,518	544	18.3%	54	130	184	\$10.69	Short-term on-the-job training
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	162	135	-27	-16.7%	0	2	2	\$12.65	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	104	90	-14	-13.5%	0	4	4	\$11.73	Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	94	73	-21	-22.3%	0	2	2	\$14.92	Short-term on-the-job training
29-1129	Therapists, All Other	51	45	-6	-11.8%	0	1	1	\$28.89	Bachelor's degree
47-2044	Tile and Marble Setters	86	93	7	8.1%	1	1	2	\$16.14	Long-term on-the-job training

Employment and Job Openings for All Occupations in Maine in 2006 and Projected 2016 (Sorted Alphabetically)

SOC Code	Occupation	Average Employment		Change in Employment		Average Annual Openings			2007 Avg. Wage	Education/Training Requirement
		2006	2016	Net	Percent	Growth	Replacement	Total		
49-3093	Tire Repairers and Changers	329	410	81	24.6%	8	7	15	\$10.34	Short-term on-the-job training
23-2093	Title Examiners, Abstractors, and Searchers	125	116	-9	-7.2%	0	2	2	\$17.10	Moderate-term on-the-job training
51-4111	Tool and Die Makers	165	147	-18	-10.9%	0	2	2	\$24.19	Long-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	111	89	-22	-19.8%	0	2	2	\$14.48	Moderate-term on-the-job training
39-6021	Tour Guides and Escorts	122	120	-2	-1.6%	0	5	5	\$11.36	Moderate-term on-the-job training
11-3042	Training and Development Managers	155	166	11	7.1%	1	3	4	\$36.58	Bachelor's or higher degree, plus work experience
13-1073	Training and Development Specialists	913	1,009	96	10.5%	10	20	30	\$21.57	Bachelor's or higher degree, plus work experience
53-6051	Transportation Inspectors	61	64	3	4.9%	0	2	2	\$29.74	Work experience in a related occupation
11-3071	Transportation, Storage, and Distribution Managers	701	736	35	5.0%	4	21	25	\$32.99	Work experience in a related occupation
41-3041	Travel Agents	221	180	-41	-18.6%	0	2	2	\$13.57	Postsecondary vocational training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	11,827	12,184	357	3.0%	36	210	246	\$15.96	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4,364	4,678	314	7.2%	31	77	108	\$14.04	Short-term on-the-job training
51-6093	Upholsterers	208	196	-12	-5.8%	0	3	3	\$14.95	Long-term on-the-job training
19-3051	Urban and Regional Planners	267	293	26	9.7%	3	8	11	\$26.05	Master's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	166	188	22	13.3%	2	12	14	\$8.44	Short-term on-the-job training
29-1131	Veterinarians	472	588	116	24.6%	12	9	21	\$38.90	First professional degree
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	645	662	17	2.6%	2	8	10	\$12.01	Short-term on-the-job training
29-2056	Veterinary Technologists and Technicians	525	671	146	27.8%	15	16	31	\$14.06	Associate degree
25-2023	Vocational Education Teachers, Middle School	33	28	-5	-15.2%	0	1	1	\$49,620	Bachelor's or higher degree, plus work experience
25-1194	Vocational Education Teachers, Postsecondary	296	447	151	51.0%	15	5	20	\$23.46	Bachelor's or higher degree, plus work experience
25-2032	Vocational Education Teachers, Secondary School	235	213	-22	-9.4%	0	7	7	\$45,430	Bachelor's or higher degree, plus work experience
35-3031	Waiters and Waitresses	10,928	11,788	860	7.9%	86	594	680	\$10.00	Short-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	594	620	26	4.4%	3	10	13	\$17.20	Long-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	302	292	-10	-3.3%	0	8	8	\$13.68	Short-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,691	1,816	125	7.4%	13	36	49	\$18.39	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	157	160	3	1.9%	0	3	3	\$17.62	Postsecondary vocational training
13-1022	Wholesale and Retail Buyers, Except Farm Products	537	526	-11	-2.0%	0	12	12	\$20.26	Long-term on-the-job training
51-7099	Woodworkers, All Other	412	354	-58	-14.1%	0	9	9	\$12.55	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	926	815	-111	-12.0%	0	23	23	\$11.61	Moderate-term on-the-job training
43-9022	Word Processors and Typists	743	610	-133	-17.9%	0	14	14	\$12.48	Moderate-term on-the-job training
27-3043	Writers and Authors	690	730	40	5.8%	4	12	16	\$25.68	Bachelor's degree
19-1023	Zoologists and Wildlife Biologists	193	193	0	0.0%	0	4	4	\$25.00	Bachelor's degree

Average wages are for wage and salary workers only and do not include the self-employed. Wages in italics are for 2006, as 2007 wages were not available for these occupations.

Education and Training Requirement Definitions

Education/Training Requirement	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 - 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 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