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Report of the Commissioner

Department of Professional and Financial Regulation

Submitted to the

Joint Standing Committee on Business, Research and Economic Development

Pursuant to Resolve 2009, Ch. 74

Directing the Department of Professional and Financial Regulation to Conduct a Sunrise Review Regarding the Proposal to License Certain Mechanical Trades

February 15, 2010

Sunrise Review: Licensing of Certain Mechanical Trades

Table of Contents

Sunrise Review: Overview	1
Charge from the Legislature	2
Evaluation Criteria	3
The Process	4
Evaluation of Responses to Sunrise Criteria	5
Conclusions and Recommendations	14
Appendices A, B, C, D	

Sunrise Review: Licensing of Certain Mechanical Trades

Sunrise Review: Overview

Under Maine law (Title 5, section 12015, subsection 3), a process is prescribed for evaluating proposals that would establish regulation of a previously unregulated profession or expand an existing regulatory program.

The process, known as "Sunrise Review", requires the committee of jurisdiction to take one of three steps in order to obtain relevant information about the proposal to create or expand a regulatory program. The Committee could:

- A. Hold a public hearing to specifically address the Sunrise Review evaluation criteria contained in Title 32, section 60-J;
- B. Request the Commissioner of PFR to perform an "independent assessment" of responses to the evaluation criteria from the group proposing regulation or expansion of regulation, as well as from opponents and other interested parties; or
- C. Request the Commissioner of PFR to create a technical committee to assess responses to the evaluation criteria from the parties referenced above.

In the case of options B and C, the Commissioner must report findings to the Committee within a set period of time. The Committee reviews the report, along with any additional material it wishes to consider, before making a determination about the proposal. The Committee may move forward with legislation to license the occupation/profession or decline to do so.

If the Committee determines that licensing is warranted, legislation is drafted and approved at the Committee level. As stipulated in Title 5, "Any recommendation by a joint standing committee to the full Legislature for the establishment or expansion of jurisdiction of an occupational or professional regulatory board must include a written statement describing the manner in which the assessment of answers to the evaluation criteria was conducted and a concise summary of the evaluation."

Sunrise review is a tool for state policymakers to systematically evaluate proposals to establish new regulatory requirements for a previously unregulated profession or expand the scope of practice of a regulated profession. The purpose of the review is to analyze whether the proposed regulation is necessary to protect the health, safety and welfare of the public.

A sunrise review also seeks to identify the potential impact of proposed regulation on the availability and cost of services to consumers. The rationale underlying the requirement for sunrise review is that the State of Maine should impose regulation only when it is necessary to protect the public, and then, only the minimum level of regulation necessary to ensure public health and safety should be imposed. Regulation should not be used by

the State for economic purposes or to create unnecessary barriers of entry into a profession that could limit access to services or increase their cost.

Charge from the Legislature

Legislation to license certain mechanical trades through the Office of Licensing and Registration within the Department of Professional and Financial Regulation (DPFR) was introduced during the First Regular Session of the 124th Maine Legislature. LD 1241, *An Act to Require Licensing for Certain Mechanical Trades*, was sponsored by Representative Thomas Wright and referred to the Joint Standing Committee on Business, Research and Economic Development.

As originally introduced, the bill would have required licensure of persons who perform sheet metal work, refrigeration and air conditioning system installation and repair, pipefitting and fire protection sprinkler system installation and repair in all settings. It would have grandfathered persons who had completed state-approved apprentice programs or been compensated for a minimum of 2,000 hours of sheet metal work, refrigeration and air conditioning system installation and repair, pipefitting or fire protection sprinkler system installation, repair and testing.

The Committee held a public hearing for LD 1241 on April 14, 2009. Department of Professional and Financial Regulation Commissioner Anne Head testified neither for nor against LD 1241. She indicated that the legislation would trigger Maine's Sunrise Review statute contained in Title 32, Chapter 1-A.

The Committee convened a work session on April 30, 2009 and voted to amend the legislation by creating a Resolve to require the Commissioner of DPFR to conduct an independent assessment of the proposal to license certain mechanical trades. The Maine House of Representatives approved the Resolve on May 20, 2009. The State Senate passed it on May 21, 2009. It was signed as Resolve 2009, Chapter 74, by Governor John E. Baldacci on May 28, 2009.

Resolve, Directing the Department of Professional and Financial Regulation To Conduct a Sunrise Review Regarding the Proposal To License Certain Mechanical Trades

Sec. 1. Department of Professional and Financial Regulation to conduct a sunrise review regarding the proposal to license certain mechanical trades. Resolved: That the Commissioner of Professional and Financial Regulation shall conduct an independent assessment pursuant to the sunrise review requirements in the Maine Revised Statutes, Title 32, chapter 1-A, subchapter 2 of the proposal to license certain mechanical trades; and be it further

Sec. 2. Reporting date established. Resolved: That no later than February 15, 2010 the Commissioner of Professional and Financial Regulation shall submit a report with any necessary legislation following the independent assessment under section 1 to the Joint Standing Committee on Business, Research and Economic Development. That committee is authorized to submit legislation on the subject matter of the report to the Second Regular Session of the 124th Legislature.

Evaluation Criteria

Pursuant to Title 5, section 12015, subsection 3, the Legislative Resolve required the Commissioner of DPFR to conduct an independent assessment of the need for new regulation by evaluating responses to criteria set forth in the statute. It is customary for the Commissioner to request, accept and consider responses to the evaluation criteria from proponents and opponents of the proposed regulation, as well as from other interested parties.

Title 32, section 60-J, establishes thirteen criteria which must be addressed by the "applicant group" proposing regulation. Opponents and other interested parties are asked to address the same criteria, although responses to all criteria are not required.

Criteria 1: Data on Group. A description of the professional or occupational group proposed for regulation or expansion of regulation, including the number of individuals or business entities that would be subject to regulation, the names and addresses of associations, organizations and other groups representing the practitioners and an estimate of the number of practitioners in each group;

Criteria 2: Specialized skill. Whether practice of the profession or occupation proposed for regulation or expansion of regulation requires such a specialized skill that the public is not qualified to select a competent practitioner without assurances that minimum qualifications have been met;

Criteria 3: Public health; safety; welfare. The nature and extent of potential harm to the public if the profession or occupation is not regulated, the extent to which there is a threat to the public's health, safety or welfare and production of evidence of potential harm, including a description of any complaints filed with state law enforcement authorities, courts, departmental agencies, other professional or occupational boards and professional and occupational associations that have been lodged against practitioners of the profession or occupation in this State within the past 5 years;

Criteria 4: Voluntary and past regulatory efforts. A description of the voluntary efforts made by practitioners of the profession or occupation to protect the public through self-regulation, private certifications, membership in professional or occupational associations or academic credentials and a statement of why these efforts are inadequate to protect the public;

Criteria 5: Cost; benefit. The extent to which regulation or expansion of regulation of the profession or occupation will increase the cost of goods or services provided by practitioners and the overall cost-effectiveness and economic impact of the proposed regulation, including the indirect costs to consumers;

Criteria 6: Service availability of regulation. The extent to which regulation or expansion of regulation of the profession or occupation would increase or decrease the availability of services to the public;

Criteria 7: Existing laws and regulations. The extent to which existing legal remedies are inadequate to prevent or redress the kinds of harm potentially resulting from nonregulation and whether regulation can be provided through an existing state agency or in conjunction with presently regulated practitioners;

Criteria 8: Method of regulation. Why registration, certification, license to use the title, license to practice or another type of regulation is being proposed, why that regulatory alternative was chosen and whether the proposed method of regulation is appropriate;

Criteria 9: Other states. A list of other states that regulate the profession or occupation, the type of regulation, copies of other states' laws and available evidence from those states of the effect of regulation on the profession or occupation in terms of a before-and-after analysis;

Criteria 10: Previous efforts. The details of any previous efforts in this State to implement regulation of the profession or occupation;

Criteria 11: Mandated benefits. (not applicable)

Criteria 12: Minimal competence. Whether the proposed requirements for regulation exceed the standards of minimal competence and what those standards are; and

Criteria 13: Financial analysis. The method proposed to finance the proposed regulation and financial data pertaining to whether the proposed regulation can be reasonably financed by current or proposed licensees through dedicated revenue mechanisms.

The Process

Following enactment of Resolve 2009, Chapter 74, a survey instrument was prepared based on these criteria. The survey was distributed on June 12, 2009 to an interested parties list. The list included individuals and representatives of organizations who testified at the public hearing on April 14, 2009. The Department encouraged those receiving the survey instrument to share a copy with other individuals who might have relevant information.

Completed surveys were submitted by the following seven individuals, on behalf of the organization or company indicated next to the person's name.

Michael Barden, Maine Pulp and Paper Association, Augusta, ME

Ken Brousseau, KINETICS, Scarborough, ME

John Dean, Maine Office of State Fire Marshal, Augusta, ME

Hugh Kelleher, Plumbing Heating Cooling Contractors Assn. of Greater Boston, Danvers, MA.

John Napolitano, United Association Local 716 Plumbers and Pipefitters, Augusta, ME

Kathleen Newman, Associated Builders and Contractors of Maine, Augusta, ME

Dana Stewart, Dean & Allyn, Inc., Gray, ME

Additionally, information was received in the form of a letter from Timothy Travers of Whitman, Massachusetts on behalf of the *National Fire Sprinkler Association*.

The completed surveys and letter noted above were posted on the Department's website under 'Legislative Reports' (www.maine.gov/pfr/legislative/index.htm), which can be accessed from the site's homepage.

Evaluation of Responses to Sunrise Criteria

Proponents of state licensure for individuals who work as pipefitters, sprinkler fitters, sheet metal workers, refrigeration and air conditioning systems installers and repairers are: **United Association Local 716 Plumbers and Pipefitters**, **KINETICS** (mechanical contractor), and the **Plumbing Heating Cooling Contractors Association of Greater Boston**.

Dean & Allyn, Inc. which describes itself as a "fire protection contractor" supports the licensing of fire protection sprinkler fitters and contractors. The company's survey did not address the other occupations in the original bill.

The *National Fire Sprinkler Association* wrote to express support for the licensing of fire protection sprinkler contractors only. The Association, however, is opposed to the licensing of individual fire protection sprinkler fitters---believing that oversight and responsibility should be focused on contractors.

Opponents of licensure for individuals who work as pipefitters, sprinkler fitters, sheet metal workers, refrigeration and air conditioning systems installers and repairers are: the Maine Pulp and Paper Association and the Associated Builders and Contractors of Maine.

The *Maine Office of State Fire Marshal* within the Department of Public Safety commented only on proposed licensure of fire protection sprinkler fitters and contractors. The Office opposes licensure for individual sprinkler fitters and already licenses and regulates fire protection system contractors.

Responses to the thirteen specific Sunrise Review criteria are summarized below.

Criteria 1: Data on Group

<u>Proponents</u> of licensure did not provide specific numbers or estimates to indicate the overall size of the potential licensee pool. KINETICS mentioned 20 individuals performing sheet metal work, and 20 pipefitters. Presumably, these figures reflect KINETICS' current workforce, and not the overall pool of potential licensees.

Opponents provided only general information describing the group that would be subject to licensure. The Maine Pulp and Paper Association responded that "Maine's pulp and paper mills employ hundreds of workers that perform work that could be captured under LD 1241." No specific information was provided.

The Office of State Fire Marshal reported that there are currently 135 licensed fire sprinkler contractors in Maine, most of which are business entities, although a few are individuals. The Office estimates that 400 persons are employed as sprinkler fitters by these contractors.

<u>Department Analysis</u>: With the exception of the State Fire Marshal's data on the fire sprinkler contractors already licensed by DPS/SFMO and sprinkler fitters employed by licensed contractors, the proponents have not submitted information on the size of the potential licensee pool.

Criteria 2: Specialized skill

<u>Proponents</u> indicate in general terms that the individuals who work as pipefitters, sprinkler fitters, sheet metal workers, refrigeration and air conditioning systems installers and repairers require specialized skills and training but specific information on the nature of the specialized skills and necessary training was not submitted. The Plumbing Heating Cooling Contractors Association of Greater Boston asserts that a lack of skill in performing sheet metal work can result in duct work that supports "mold, bacteria and other contaminants." The Association also indicates that specialized skills are needed by those working on heating, ventilation and air conditioning systems to prevent "gas explosions" and other dangers, as well as "excess costs to consumers." With regard to fire sprinkler installations, the Association states that the need for specialized training "should be self-evident."

Opponents contend that the individuals performing the activities listed in the original bill do not require such a specialized skill that the public is not qualified to select a competent

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¹ The 2008 Maine Occupational Employment and Wage Estimates issued by the Maine Bureau of Labor Standards indicate that approximately 5190 individuals work in classifications that include pipefitters, plumbers, sheet metal workers, and HVAC and refrigeration technicians. This figure presumably includes plumbers licensed by the Plumbers' Examining Board and electricians licensed by the Electricians' Examining Board. See Appendix C.

practitioner without assurances that minimum qualifications have been met. Opponents also contend that the skills and qualifications of many individuals proposed for licensure are already subject to state licensure requirements through existing licensing programs, including licensure of electricians, plumbers, oil and solid fuel technicians, propane and natural gas technicians and boiler and pressure vessel operators and inspectors. The Maine Pulp and Paper Association's response commented that "Sheet metal work is a routine and customary practice in all pulp and paper mills."

The Office of State Fire Marshal indicates that work performed by fire protection sprinkler fitters does not require specialized skills. The Office says fire sprinkler contractors do require specialized skills, but assert that the current licensing program administered by the Fire Marshal's Office ensures an adequate skill level and appropriate protection of the public. Similarly, the National Fire Sprinkler Association does not support licensure for fitters and believes the responsibility for adequate training and development of skills rests with the contractors.

<u>Department Analysis</u>: There is agreement among proponents and some opponents that specialized skills are required of fire sprinkler contractors to ensure public safety. The Department of Public Safety's existing licensing program for fire sprinkler contractors adequately provides for public safety through adoption of national safety codes that govern the installation of sprinkler fittings and close supervision of installations by licensed companies.

With regard to the specialized skills required of the other proposed license categories, the responders provided minimal information. In the absence of useful information, it appears that the skills required of individuals who work as pipefitters, sheet metal workers, refrigeration and air conditioning system installers and repairers are developed through employer sponsored training programs, as well as state-approved apprenticeship programs.

Criteria 3: Public health; safety; welfare

<u>Proponents</u> speak in general terms about the potential for public harm posed by the absence of licensing for pipefitters, sheet metal workers, refrigeration and air conditioning system installers. The Plumbing Heating Cooling Contractors Association of Greater Boston makes reference to one case on Cape Cod in which "a young girl was killed because a heating system was inadequately vented." No specific examples of harm occurring in Maine were provided by proponents.

Opponents either believe that public health and safety are not jeopardized by the absence of licensing and/or they indicate that current license requirements already imposed on many of the individuals who perform the work contemplated by LD 1241 are adequate to protect the public. The Associated Builders and Contractors of Maine, for example, states that:

"workers in these trades are already licensed by one or more of the following licensing authorities: Plumber's Examining Board, Electricians Examining Board, Oil and Solid Fuel Board, Propane and Natural Gas Board and Boilers and Press Vessels Board." The organization adds that "limited electricians's licenses are required for the following practice areas: water pumps, outdoor signs (including sign lighting), gasoline dispensing, traffic signals (including outdoor lighting of traffic signals), house wiring, refrigeration, low energy electronics (including fire alarms), and cranes."

Department Analysis:

The question of whether state licensing is necessary to protect the public is *central* to the Sunrise Review process. Proponents did not provide specific examples of harm resulting from the absence of specific licensing programs for these four types of mechanical work.

Without specific evidence of harm to the public in the absence of regulation of certain mechanical trades, the Sunrise Review's public health and safety threshold is not met.

Criteria 4: Voluntary and past regulatory efforts

<u>Proponents</u> either did not respond to this survey item or indicated that most of their employees undergo employer-sponsored educational and training programs or state-approved apprenticeship programs. KINETICS, a mechanical contractor, states:

"Most of our sheet metal & piping employees go through an established apprenticeship program that is regulated by the state of Maine and provided by SMW LU 17 (sheet metal) and UA LU 716 (piping). We continue to train our employees regularly, but all too often, this is still not enough to guarantee that every employee knows the proper methods or regulations that govern each trade."

Opponents indicate that oversight related to some of the work performed by the mechanical trades listed in the original bill already exists. The Maine Pulp and Paper Association states that:

Regulations are currently in place that govern licensing for refrigeration/air conditioning repairs/installation work at industrial plants. Code requirements are in place for piping and fire protection sprinkler system installation/repairs that permit specified amount of work that can be performed by mill employees and requirements that repairs/installation of certain size be performed by licensed or certified providers. We are not aware of any studies or analysis that would justify licensing of sheet metal work at industrial plants."

The Office of State Fire Marshal explains that the fire sprinkler industry worked with legislators to create and implement the Fire Sprinkler Law in 1990. The law regulates the fire sprinkler industry through a plan and permit review process and through the licensing of system designers, contractors and inspectors of fire protection sprinkler systems. The Office also indicates that:

"all large companies and many of the smaller companies have membership in nationally-recognized fire sprinkler associations. Many have academic credentials related to their field of work, and there are over a dozen licensed Professional Engineers among them. The licensed fire sprinkler contractors along with their fire sprinkler fitters have in general increased in professionalism under the present system, and it has been frequently stated that Maine is the best example in the nation on how to regulate the fire sprinkler industry. The present efforts have been successful in protecting the public."

<u>Department Analysis</u>: A state licensing program currently exists within the Maine Department of Public Safety, Office of State Fire Marshal, to regulate fire protection sprinkler contractors installing systems in Maine. One mechanical services company, KINETICS, submitted a general statement that it uses state approved apprenticeship programs and its own training programs to train its employees.

Criteria 5: Cost; benefit

<u>Proponents</u> assert that any cost increases associated with licensing pipefitters, sheet metal workers, and refrigeration and air-conditioning technicians would be more than offset by better operating systems in homes, businesses and other facilities. For example, KINETICS says the cost of licensing would be small and outweighed by "cost savings that would be generated by better running systems, longer lasting systems, and the reduction of repairs." However, no specific information was provided to validate this assertion.

Opponents claim that licensing would create added costs for business and consumers in Maine. The Office of State Fire Marshal states that licensing fire protection sprinkler fitters would result in "noticeable price increases in fire sprinkler systems." The Maine Pulp and Paper Association indicates that "licensing for all the proposed trades covered under LD 1241 would add considerable cost to mill operations. These additional costs cannot be recouped through higher product prices and would put Maine mills at a competitive disadvantage." The impact on consumers, in terms of the cost of regulation, was not quantified by opponents.

<u>Department Analysis</u>: State regulation of any occupation or profession through licensing comes at a cost to those subject to regulation, and at a cost to consumers of the services provided by the regulated group. In the absence of any credible information regarding

the size of the prospective licensee pool, the cost of a state license program and the impact of regulation on prices consumers would pay cannot be determined.

Criteria 6: Service availability of regulation

<u>Proponents</u> either did not address this survey item, or expressed uncertainty about the impact on service availability. The Plumbing Heating Cooling Contractors Association of Greater Boston stated:

"There could be some initial decline in the number of, say, plumbers in the state. But once it is clear what the licensing requirements are, the qualified people will demonstrate those qualifications, and carry on with their work."

<u>Opponents</u> express concern that the number of service providers would decrease as a result of new licensure. With respect to the impact of state licensure requirements on Maine sprinkler fitters, the Office of Fire Marshal states:

"Many fire sprinkler contractors would not be able to bear the cost to license and train their fitters according to the mandates of this proposed legislation. They would no longer do fire sprinkler installations as a result, thereby creating unemployment and also a situation of not enough companies to provide competitive pricing. The fire sprinkler industry would move toward a monopoly of the work."

Associated Builders and Contractors of Maine asserts that a decreased number of tradespersons is one of the desired results of some proponents. The organization cites testimony from the public hearing to suggest that limiting "the market of qualified individuals eligible to perform the work" and "recovering market share" are primary motivations for the legislation. The contention is that some proponents wish to keep out-of-state workers from taking jobs away from Maine tradespersons.

<u>Department Analysis</u>: Generally, imposing new state license requirements on a profession or occupation not previously regulated decreases the pool of qualified candidates for licensure, thus, decreasing the availability of services. Over time, as individuals become licensed, availability of services typically increases. It is unclear, however, whether this general principle would apply here given that a significant number of individuals who may be part of the potential licensee group are already subject to existing occupational licensing requirements. For example, individuals who work as pipefitters may already be licensed plumbers. Refrigeration technicians may be licensed electricians. The responses to the survey questions are silent on this issue.

Criteria 7: Existing laws and regulations

<u>Proponents</u> either did not address this survey item or, in the case of KINETICS, indicated that there are "not enough inspectors to adequately monitor every project" under current laws and regulations. The response did not specify which current laws and regulations are the subject of the assertion, nor did KINETICS identify the current law or laws that require inspection or monitoring of "every project."

Opponents assert that current code requirements and licensing programs already apply to the work of pipefitters, sprinkler fitters, air conditioning and refrigeration system installers and repairers, and mechanical contractors, and thus, additional regulation is unnecessary.

<u>Department Analysis</u>: As previously noted, current Maine law requires the Department of Public Safety, Office of the State Fire Marshal, to license and oversee fire protection sprinkler contractors. Proponents do not specifically address the issue of whether pipefitters, sprinkler fitters, refrigeration and air conditioning system installers and repairers and mechanical contractors are already regulated by the state or through private certification programs, however, it is clear that the Maine Unfair Trade Practices Act would protect consumers of these services from unethical, misleading or unfair business practices.² Finally, responders provided no specific information to suggest that existing state laws and regulations are inadequate to protect the public.

Criteria 8: Method of regulation

<u>Proponents</u> support the proposal to establish an eleven member "Mechanical Trades Board" to carry out various duties including the issuance of licenses to practice as pipefitters, sheet metal workers, refrigeration technicians and contractors, fire protection sprinkler fitters and contractors, sheet metal workers and contractors, and mechanical contractors. Ten of the Board members would be appointed by the Governor. The eleventh Board member would be the State Fire Marshal or designee. Proponents, however, do not explain why state licensure with an associated licensing board is necessary as opposed to a less burdensome method such as private certification.

<u>Opponents</u> either did not address this survey item or asserted that licensing and regulation of any kind is unnecessary or inappropriate. The Office of State Fire Marshal reiterated that it already licenses fire protection sprinkler contractors within the Department of Public Safety.

<u>Department Analysis</u>: It would be premature to evaluate the specific regulatory mechanism included in the original bill. In the event that public harm was found to exist without the state regulation contemplated by the original bill, the sunrise statute requires the least burdensome method of regulation be considered.

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² See, 5 MRSA sec. 205-A. (Maine Unfair Trade Practices Act) Appendix D.

It is worth noting that individuals who install or repair refrigeration equipment containing refrigerant or coolant are required to be certified by the US Environmental Protection Agency (EPA) under the Clean Air Act. No respondent submitted information indicating that EPA certification is an inadequate mechanism to ensure public protection from air pollution resulting from improperly handled coolant.

Criteria 9: Other states

<u>Proponents</u> indicate that regulation of license categories listed in the original bill exists in other states. United Association Local 716 Plumbers and Pipefitters provided a list of 14 states, including Maine, that regulate people employed in the fire protection sprinkler profession. The organization also provided a copy of the Oklahoma Mechanical Licensing Law, and the Alaska Mechanical Administrators statutes and regulations.

The Plumbing Heating Cooling Contractors Association of Greater Boston indicates that Massachusetts regulates mechanical trades, although the organization's survey focuses, in part, on the licensing of plumbers, who are already subject to licensure in Maine.

Opponents: The Office of State Fire Marshal provided anecdotal information from fire sprinkler contractors who work in Maine and elsewhere in the New England region indicating that licensing of sprinkler fitters in other states "did not noticeably improve the quality of work of fire sprinkler system installations." Fire sprinkler contractors have also told the Office of State Fire Marshal that the licensing of fitters elsewhere has been difficult to enforce and has created extra expense and "a bureaucratic nightmare (since there are typically many fitters for each major contractor)."

<u>Department Analysis</u>: The Department reviewed licensing laws and programs in several states, including those in New England. The evolution of licensing programs follows a different path in each state. The establishment of licensing programs for various occupations and professions may be the result of strong political and/or economic conditions in a state during a given time period. Few professions are regulated because of public demand for protection. Rather, professionals may view state licensure as a means of solidifying or enhancing their professional status within the state, particularly if state licensure requirements have the effect of limiting entry into the profession or occupation by reserving a particular scope of practice for that profession.

Variations in terminology used to refer to or describe a particular profession may also factor into whether a state is viewed as "regulating" a particular profession. Whereas one state may license "gas fitters," another state may license "natural gas technicians." It is possible that State A and B license individuals performing the same kind of work, but the terms describing the work are different. Similarly, State A may license refrigeration technicians and State B may license refrigeration technicians as a sub-category of licensed electricians. Other states have established a Heating, Ventilation, Air Conditioning and Refrigeration Board encompassing the named specialties. Some states license not only individuals engaged in a particular construction activity but also the

companies, or "contractors," that employ licensees who are licensed to perform a particular activity.

A review of various state licensing laws reveals that there is no particular pattern or trend in how states license individuals and businesses for public protection purposes. Set forth below is a brief review of New England states that appear to license some of the categories outlined in the original bill but not necessarily at the state level.

Connecticut: The Connecticut Department of Consumer Protection has established separate licensing boards for 1) electrical work; 2) plumbing and piping work; 3) heating, piping, cooling and sheet metal work; 4) elevator installation, remain and maintenance, 5) fire protection sprinkler systems work; and 6) automotive glass work and flat glass work. The focus of these licensing categories is on the "contractor." Contractors are business entities that employ licensed individuals to perform specific tasks. Licensing programs in this subject area use the apprentice, journeyman, master training concept used by labor organizations to provide on-the-job training for members in various construction areas. States like Connecticut license and regulate individuals as well as the businesses that employ them.

Massachusetts: The Massachusetts **Department of Public Safety** licenses pipefitters, refrigeration technicians and contractors, and fire protection sprinkler contractors. On the other hand, the Massachusetts **Office of Consumer Affairs & Business Regulation**, Division of Professional Licensure, licenses electricians, fire alarm system installers, plumbers and gas fitters, and in 2008, enacted a licensure program for sheet metal workers.

New Hampshire: The New Hampshire Department of Fire Safety, Bureau of Building Safety and Construction licenses electricians, fuel gas fitters and lightening rod installers and dealers and administers the voluntary certification of heating technicians. The gas fitters category includes licensure of liquid propane and natural gas installers. In addition, the Bureau of Building Safety and Construction, Mechanical Safety Section administers voluntary certification of Fire Protection Equipment Technicians which includes fire sprinkler technicians. It does not have a Heating, Ventilation, Air Conditioning and Refrigerator licensing board.

Rhode Island: The Rhode Island Department of Labor and Training, Division of Professional Regulation administers licensing programs for pipefitters, welders, refrigeration mechanics, heating and air conditioning mechanics, sheet metal and fire protection sprinkler fitters through its Mechanical Board.

Vermont: The Vermont **Department of Public Safety, Division of Fire Safety** licenses plumbers, oil and gas technicians, electricians, boiler operators, and certifies fire sprinkler system designers and installers. It does not have a Heating, Ventilation, Air Conditioning and Refrigerator licensing board.

Criteria 10: Previous efforts

The Office of State Fire Marshal reiterated that licensing of fire sprinkler contractors has existed in Maine since 1990. No other respondents addressed this survey item.

<u>Department Analysis:</u> LD 1278, containing language identical to LD 1241 was submitted to the 123rd Maine Legislature. LD 1278 was introduced and voted Ought Not to Pass.

Criteria 11: Mandated Benefits (not applicable)

Criteria 12: Minimal competence

Only the Office of State Fire Marshal addressed this survey item. The Office states that the 5 years of work in the field of fire protection systems, as would be required by LD 1241, is "excessive compared to the online course provided by the American Fire Sprinkler Association, and also the course provided by the National Fire Sprinkler Association."

Department Analysis: none necessary

Criteria 13: Financial analysis

Only the Plumbing Heating Cooling Contractors Association of Greater Boston addressed this survey item. The organization commented that "the state can charge enough for the licenses to cover the expense of licensing and monitoring."

<u>Department Analysis</u>: Without information on the size of the potential licensee pool, it is not possible to provide meaningful financial analysis. State professional and occupational licensing programs in Maine must, by law, be financially self-supporting through collection of license fees, and all regulatory costs must be borne by licensees.

Conclusions and Recommendations

The Department of Professional and Financial Regulation was charged by the 124th Legislature to conduct an "independent assessment" of responses to evaluation criteria from the group proposing state regulation in LD 1241, as well as from opponents of state regulation and other interested parties. The assessment process must focus exclusively on the criteria outlined in Maine law.

As a matter of public policy, a state should only impose licensing requirements as an exercise of state police power when the state has solid evidence that the safety of the

public is jeopardized and the state must act to protect citizens from harm. A state licensing program should not be established to confer status or recognition on a profession or occupation, nor should a state exercise its police power through licensing to exclude practitioners or for economic purposes. The sole purpose of state licensing programs is to provide the public with protection against unsafe and unethical service providers.

The original bill provides for new state regulation of individuals who provide "certain mechanical services." As the term is used in LD 1241, "certain mechanical services" encompasses: 1) pipefitting; 2) sheet metal work; 3) installation, maintenance and repair of refrigeration and air conditioning systems; and 4) fire sprinkler fitting. The bill also provides for licensing of individuals and businesses that act as "mechanical contractors."

For ease of analysis, the issue of whether Maine should impose licensure requirements on fire sprinkler fitters (individuals) as contemplated by LD 1241 is addressed separately from the other proposed license categories. Maine already requires fire sprinkler contractors to be licensed.

1. Proposed Regulation of Fire Sprinkler Fitters and Fire Sprinkler Installation Contractors

The Maine Department of Public Safety (DPS) has statutory authority to license and regulate fire sprinkler installation companies and contractors. Installation plans of licensed companies (contractors) are subject to review and approval by the technical staff of the Fire Marshal's Office. Only companies licensed by the Department of Public Safety are authorized to install fire sprinkler systems in Maine. This regulatory program has been in place since 1990. See, 32 MRSA sec. 1371 et seq.

The current licensing program within DPS focuses on the licensing of companies that are in the business of installing fire sprinkler systems. By law, licensed fire sprinkler contractors must retain, either by employment or contract, at least one "certified responsible managing supervisor." A certified responsible managing supervisor may also be a fire sprinkler system contractor. A Certified Responsible Managing Supervisor must be either:

- a) certified by the National Institute for the Certification in Engineering Technologies at Level III for fire protection automatic sprinkler systems layout; or
- b) licensed by the State as a professional engineer with 5 years experience in the field of fire protection, mechanical, piping, or related engineering fields.

Under this regulatory structure, individuals who may be employed by licensed contractors as "fitters" are adequately trained and supervised by the licensed contractor.

Recommendation:

The Department has received no information indicating that the current state licensing structure within the Department of Public Safety for fire sprinkler contractors is inadequate in any way. No information regarding potential public harm in the absence of additional regulation of contractors and new regulation of fire sprinkler fitters was submitted in response to the sunrise survey. The Department of Professional and Financial Regulation concludes that additional regulation of fire sprinkler companies and/or new state regulation of fire sprinkler fitters is not warranted. ³ Therefore, the Department recommends that no action be taken with regard to new or expanded licensing requirements on either fire sprinkler fitters or fire sprinkler contractors.

2. Proposed regulation of pipefitters, sheet metal workers; installers and repair technicians for refrigeration and air conditioning systems; and mechanical contractors.

LD 1241 suggests that the State impose licensing requirements on individuals performing pipefitting, sheet metal work, installation, maintenance and repair of refrigeration and air conditioning systems and on mechanical contractors. Current Maine law, however, provides public protection in the areas of residential and commercial plumbing, oil and solid fuel heating installations and maintenance; propane and natural gas heating and cooling installations and maintenance; and electrical installations and maintenance though the operation of various state licensing programs. These activities and functions described above are regulated by the Plumbers' Examining Board, the Oil and Solid Fuel Board, the Propane and Natural Gas Board and the Electricians' Examining Board, respectively. In addition, the Boiler and Pressure Vessel Board licenses and regulates individuals who operate and repair high pressure boilers and pressure vessels.

HVAC and refrigeration companies that sell and install heating, ventilation, refrigeration and air conditioning systems use ductwork fabricated by companies that employ sheet metal workers. When a residential or commercial consumer purchases an air conditioning system, the consumer typically does not contact a sheet metal worker to fabricate ductwork for the system. Rather, the consumer purchases the system from the company that employs licensed plumbers and electricians to install the system. The HVAC company determines which suppliers of ductwork are reputable. The consumer relies on the HVAC company to stand behind the system if the system requires adjustment or repairs. Sheet metal workers are employed in manufacturing and mill operations and by companies that construct sheet metal components for use in residential and commercial settings. Manufacturing companies, industrial plants and mills are responsible for hiring and training individuals to perform sheet metal work, as well as pipefitting.

-

³ A sunrise review conducted by the Department on the subject of fire sprinkler and fire alarm contractor regulation resulted in a January 2007 report entitled: **Sunrise Review of LD 1508, An Act to Regulate Fire Alarm Contractors**. The Department's report on LD 1508 concluded that existing regulation within the Department of Public Safety was more than adequate to protect the public.

Manufacturers of refrigeration and air conditioning equipment used in residential, commercial or industrial settings employ a wide variety of individuals to build or fabricate their equipment, including licensed electricians and individuals with EPA-issued refrigeration technician certification. ⁴

That said, some states have established HVACR licensing boards populated by individuals who have state licenses that permit them to do business as heating, cooling, ventilation, and refrigeration contractors. Massachusetts, Delaware and Alabama, for example, each have licensing boards that license and regulate the businesses of these contractors.

In Maine, the trend, with few exceptions, is to license individuals rather than businesses.

Recommendation:

The threshold question in any sunrise review study is whether the public welfare is jeopardized in the absence of state regulation of a particular occupation or profession or group of occupations. If the answer is yes, then this report would need to address all aspects of regulation that flow from the determination that the public should be protected from a particular group of individuals performing or offering a specific service or product.

The Department concludes that proponents have not made a case for state regulation. Proponents of regulation have provided only general statements about the potential for harm that might occur without regulation. No specific examples of health and safety problems in Maine were substantiated and none have been identified through Department research. Nor have proponents provided usable information about the estimated numbers of individuals and businesses that would be affected by new licensure requirements.

Based on the information submitted by proponents and opponents of LD 1241, the Department concludes that 1) public health and safety of Maine citizens is not jeopardized in the absence of a new licensing program for pipefitters, sheet metal workers, installers and repairers of refrigeration and air conditioning systems and mechanical contractors; and 2) that state action to impose licensing requirements is not warranted.

For the reasons state above, the Department recommends that the Committee not pursue LD 1241.

⁴ Section 608 of the Clean Air Act of 1990, as amended, codified at Title 42, Chapter 85 of the US Code Annotated, requires technicians who perform maintenance, service, repair, or dispose of equipment that could be reasonably expected to release refrigerants into the atmosphere to be certified by the Environmental Protection Agency. Technicians are required to pass an EPA-approved test given by an EPA-approved certifying organization to become certified under the mandatory program. Section 608 Technician Certification credentials do not expire.

PLEASE NOTE: Legislative Information *cannot* perform research, provide legal advice, or interpret Maine law. For legal assistance, please contact a qualified attorney.

Resolve, Directing the Department of Professional and Financial Regulation To Conduct a Sunrise Review Regarding the Proposal To License Certain Mechanical Trades

Sec. 1 Department of Professional and Financial Regulation to conduct a sunrise review regarding the proposal to license certain mechanical trades. Resolved: That the Commissioner of Professional and Financial Regulation shall conduct an independent assessment pursuant to the sunrise review requirements in the Maine Revised Statutes, Title 32, chapter 1-A, subchapter 2 of the proposal to license certain mechanical trades; and be it further

Sec. 2 Reporting date established. Resolved: That no later than February 15, 2010 the Commissioner of Professional and Financial Regulation shall submit a report with any necessary legislation following the independent assessment under section 1 to the Joint Standing Committee on Business, Research and Economic Development. That committee is authorized to submit legislation on the subject matter of the report to the Second Regular Session of the 124th Legislature.

5 §12015. NEW BOARDS

5 §12015. NEW BOARDS

Any boards established on or after July 25, 1984 shall conform to the following provisions. [1997, c. 2, §16 (COR).]

1. Membership; terms; vacancies. Each board may have no fewer than 3 members. Boards established after September 1, 2000 to regulate professions or occupations may have no more than 9 members, including at least 2 public members. Law establishing the board must provide for appointments, terms of office, qualifications and removal of its members. In the event of the death, resignation or removal of any member, the vacancy for that member's unexpired term must be filled in the same manner as that member's original appointment.

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[ 1999, c. 687, Pt. B, §2 (AMD) .]

2. Sunset.

[ 1999, c. 668, §49 (RP) .]
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- 3. Sunrise review required. Any joint standing committee of the Legislature that considers proposed legislation to establish a board to license or otherwise regulate an occupation or profession not previously regulated or to substantially expand regulation of an occupation or profession currently regulated shall evaluate whether the occupation or profession should be regulated or further regulated. For the purposes of this section, "substantially expand regulation" means to add a new regulatory category or to expand the scope of practice for current practitioners. In order to evaluate this legislation, the joint standing committee shall, without a public hearing, briefly and informally review legislation referred to the committee that proposes a new occupational or professional board or substantial expansion of regulation and an applicant's answers pertaining to evaluation criteria as required by Title 32, section 60-J. Following this informal review, the committee shall:
 - A. Immediately hold a public hearing to accept information addressing the evaluation criteria listed in Title 32, section 60-J from any professional or occupational group or organization, any individual or any other interested party who is a proponent or opponent of the legislation; [1995, c. 686, §1 (RPR).]
 - B. Request that the Commissioner of Professional and Financial Regulation conduct an independent assessment of the applicant's answers to the evaluation criteria listed in Title 32, section 60-J and report the commissioner's findings back to the committee by a specific date; or [1995, c. 686, §1 (RPR).]
 - C. Request that the Commissioner of Professional and Financial Regulation establish a technical committee to assess the applicant's answers to the evaluation criteria listed in Title 32, section 60-J following the procedures of Title 32, chapter 1-A, subchapter II and report its findings to the commissioner within 6 months of establishment of the committee. [1995, c. 686, §1 (RPR).]

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D. [1995, c. 686, §1 (RP).]
E. [1995, c. 686, §1 (RP).]
F. [1995, c. 686, §1 (RP).]
G. [1995, c. 686, §1 (RP).]
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Any recommendation by a joint standing committee to the full Legislature for the establishment or expansion of jurisdiction of an occupational or professional regulatory board must include a written statement describing the manner in which the assessment of answers to the evaluation criteria was conducted and a concise summary of the evaluation.

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[ 1995, c. 686, §1 (RPR) .]
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SECTION HISTORY
1983, c. 814, (NEW). 1985, c. 748, §13 (AMD). 1995, c. 686, §1 (AMD).
RR 1997, c. 2, §16 (COR). 1999, c. 668, §49 (AMD). 1999, c. 687, §B2 (AMD).

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32 §60-J. EVALUATION CRITERIA

32 §60-J. EVALUATION CRITERIA

Pursuant to Title 5, section 12015, subsection 3, any professional or occupational group or organization, any individual or any other interested party, referred to in this section as the "applicant group," that proposes regulation of any unregulated professional or occupational group or substantial expansion of regulation of a regulated professional or occupational group shall submit with the proposal written answers and information pertaining to the evaluation criteria enumerated in this section to the appropriate committee of the Legislature. The technical committee, the Commissioner of Professional and Financial Regulation, referred to in this subchapter as the "commissioner," and the joint standing committee, before it makes its final recommendations to the full Legislature, also shall accept answers and information pertaining to the evaluation criteria from any party that opposes such regulation or expansion and from any other interested party. All answers and information submitted must identify the applicant group, the opposing party or the interested party making the submission and the proposed regulation or expansion of regulation that is sought or opposed. The commissioner may develop standardized questions designed to solicit information concerning the evaluation criteria. The preauthorization evaluation criteria are: [1995, c. 686, §2 (NEW).]

1. **Data on group.** A description of the professional or occupational group proposed for regulation or expansion of regulation, including the number of individuals or business entities that would be subject to regulation, the names and addresses of associations, organizations and other groups representing the practitioners and an estimate of the number of practitioners in each group;

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[ 1995, c. 686, §2 (NEW) .]
```

2. Specialized skill. Whether practice of the profession or occupation proposed for regulation or expansion of regulation requires such a specialized skill that the public is not qualified to select a competent practitioner without assurances that minimum qualifications have been met;

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[ 1995, c. 686, §2 (NEW) .]
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3. Public health; safety; welfare. The nature and extent of potential harm to the public if the profession or occupation is not regulated, the extent to which there is a threat to the public's health, safety or welfare and production of evidence of potential harm, including a description of any complaints filed with state law enforcement authorities, courts, departmental agencies, other professional or occupational boards and professional and occupational associations that have been lodged against practitioners of the profession or occupation in this State within the past 5 years;

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[ 1995, c. 686, §2 (NEW) .]
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4. Voluntary and past regulatory efforts. A description of the voluntary efforts made by practitioners of the profession or occupation to protect the public through self-regulation, private certifications, membership in professional or occupational associations or academic credentials and a statement of why these efforts are inadequate to protect the public;

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[ 1995, c. 686, §2 (NEW) .]
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5. **Cost; benefit.** The extent to which regulation or expansion of regulation of the profession or occupation will increase the cost of goods or services provided by practitioners and the overall cost-effectiveness and economic impact of the proposed regulation, including the indirect costs to consumers;

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[ 1995, c. 686, §2 (NEW) .]
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6. Service availability of regulation. The extent to which regulation or expansion of regulation of

the profession or occupation would increase or decrease the availability of services to the public;

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[ 1995, c. 686, §2 (NEW) .]
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7. Existing laws and regulations. The extent to which existing legal remedies are inadequate to prevent or redress the kinds of harm potentially resulting from nonregulation and whether regulation can be provided through an existing state agency or in conjunction with presently regulated practitioners;

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[ 1995, c. 686, §2 (NEW) .]
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8. **Method of regulation.** Why registration, certification, license to use the title, license to practice or another type of regulation is being proposed, why that regulatory alternative was chosen and whether the proposed method of regulation is appropriate;

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[ 1995, c. 686, §2 (NEW) .]
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9. Other states. A list of other states that regulate the profession or occupation, the type of regulation, copies of other states' laws and available evidence from those states of the effect of regulation on the profession or occupation in terms of a before-and-after analysis;

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[ 1995, c. 686, §2 (NEW) .]
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10. Previous efforts. The details of any previous efforts in this State to implement regulation of the profession or occupation;

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[ 1995, c. 686, §2 (NEW) .]
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11. Mandated benefits. Whether the profession or occupation plans to apply for mandated benefits;

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[ 1995, c. 686, §2 (NEW) .]
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12. **Minimal competence.** Whether the proposed requirements for regulation exceed the standards of minimal competence and what those standards are; and

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[ 1995, c. 686, §2 (NEW) .]
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13. Financial analysis. The method proposed to finance the proposed regulation and financial data pertaining to whether the proposed regulation can be reasonably financed by current or proposed licensees through dedicated revenue mechanisms.

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[ 1995, c. 686, §2 (NEW) .]
SECTION HISTORY
1995, c. 686, §2 (NEW).
```

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32 §60-K. COMMISSIONER'S INDEPENDENT ASSESSMENT 32 §60-K. COMMISSIONER'S INDEPENDENT ASSESSMENT

- 1. Fees. Any applicant group whose regulatory proposal has been directed to the commissioner for independent assessment shall pay an administrative fee determined by the commissioner, which may not exceed \$500. The commissioner may waive the fee if the commissioner finds it in the public's interest to do so. Such a finding by the commissioner may include, but is not limited to, circumstances in which the commissioner determines that:
 - A. The applicant group is an agency of the State; or [1995, c. 686, §2 (NEW).]
 - B. Payment of the application fee would impose unreasonable hardship on members of the applicant group. [1995, c. 686, $\S 2$ (NEW).]

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[ 1995, c. 686, §2 (NEW) .]
```

2. **Criteria.** In conducting the independent assessment, the commissioner shall apply the evaluation criteria established in section 60-J to all of the answers and information submitted to the commissioner or otherwise collected by the commissioner pursuant to section 60-J.

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[ 1995, c. 686, §2 (NEW) .]
```

3. Recommendations. The commissioner shall prepare a final report, for the joint standing committee of the Legislature that requested the evaluation, that includes any legislation required to implement the commissioner's recommendation. The commissioner may recommend that no legislative action be taken on a proposal. If the commissioner finds that final answers to the evaluation criteria are sufficient to support some form of regulation, the commissioner shall recommend an agency to be responsible for the regulation and the level of regulation to be assigned to the applicant group. The recommendations of the commissioner must reflect the least restrictive method of regulation consistent with the public interest.

```
[ 1995, c. 686, §2 (NEW) .]
SECTION HISTORY
1995, c. 686, §2 (NEW).
```

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32 §60-L. TECHNICAL COMMITTEE; FEES; MEMBERSHIP; DUTIES; COMMISSIONER'S RECOMMENDATION

32 §60-L. TECHNICAL COMMITTEE; FEES; MEMBERSHIP; DUTIES; COMMISSIONER'S RECOMMENDATION

- 1. Fees. Any applicant group whose regulatory proposal has been directed to the commissioner for review by a technical committee shall pay a fee determined by the commissioner as required to administer the technical committee, which fee may not exceed \$1,000. The administrative fee is not refundable, but the commissioner may waive all or part of the fee if the commissioner finds it in the public's interest to do so. Such a finding by the commissioner may include, but is not limited to, circumstances in which the commissioner determines that:
 - A. The applicant group is an agency of the State; or [1995, c. 686, §2 (NEW).]
 - B. Payment of the application fee would impose unreasonable hardship on members of the applicant group. [1995, c. 686, §2 (NEW).]

```
[ 1995, c. 686, §2 (NEW) .]
```

- **2. Technical committee membership.** The commissioner shall appoint a technical committee consisting of 7 members to examine and investigate each proposal.
 - A. Two members must be from the profession or occupation being proposed for regulation or expansion of regulation. [1995, c. 686, §2 (NEW).]
 - B. Two members must be from professions or occupations with a scope of practice that overlaps that of the profession or occupation being proposed for regulation or expansion of regulation. If there is more than one overlapping profession or occupation, representatives of the 2 with the greatest number of practitioners must be appointed. [1995, c. 686, §2 (NEW).]
 - C. One member must be the commissioner or the commissioner's designee. [1995, c. 686, $\S 2$ (NEW).]
 - D. Two members must be public members. These persons and their spouses, parents or children may not be or ever have been members of, and may not have or ever have had a material financial interest in, the profession or occupation being proposed for regulation or expansion of regulation or another profession or occupation with a scope of practice that may overlap that of the profession or occupation being proposed for regulation. [1995, c. 686, §2 (NEW).]

The professional and public members serve without compensation. The chair of the committee must be the commissioner, the commissioner's designee or a public member. The commissioner shall ensure that the total composition of the committee is fair and equitable.

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[ 1995, c. 686, §2 (NEW) .]
```

3. Meetings. As soon as possible after appointment, a technical committee shall meet and review the proposal assigned to it. Each committee shall investigate the proposed regulation and, on its own motion, may solicit public input. Notice of all meetings must be printed in the legislative calendar at an appropriate time preceding the meeting.

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[ 1995, c. 686, §2 (NEW) .]
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4. Procedure for review. Applicant groups are responsible for furnishing evidence upon which a technical committee makes its findings. The technical committee may also utilize information received through public input or through its own research or investigation. The committee shall make a report of its findings and file the report with the commissioner. The committee shall evaluate the application presented to it based on the information provided as required by section 60-J. If the committee finds that additional

information is required to assist in developing its recommendations, it may require that the applicant group provide this information or may otherwise solicit information for this purpose. If the committee finds that final answers to the evaluation criteria are sufficient to support regulation of a profession or occupation not currently regulated, the committee must also recommend the least restrictive method of regulation to be implemented, consistent with the public interest. Whether it recommends approval or denial of an application, the committee may make additional recommendations regarding solutions to problems identified during the review.

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[ 1995, c. 686, §2 (NEW) .]
```

5. Commissioner report. After receiving and considering reports from the technical committee, the commissioner shall prepare a final report, for the joint standing committee of the Legislature that requested the review, that includes any legislation required to implement the commissioner's recommendation. The final report must include copies of the committee report, but the commissioner is not bound by the findings and recommendations of the report. In compiling the report, the commissioner shall apply the criteria established in section 60-J and may consult with the technical committee. The recommendations of the commissioner must reflect the least restrictive method of regulation consistent with the public interest. The final report must be submitted to the joint standing committee of the Legislature having jurisdiction over occupational and professional regulation matters no later than 9 months after the proposal is submitted to the technical committee and must be made available to all other members of the Legislature upon request.

The commissioner may recommend that no legislative action be taken on a proposal. If the commissioner recommends that a proposal of an applicant group be approved, the commissioner shall recommend an agency to be responsible for the regulation and the level of regulation to be assigned to the applicant group.

```
[ 1995, c. 686, §2 (NEW) .]
SECTION HISTORY
1995, c. 686, §2 (NEW).
```

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- BUREAU OF INSURANCE
- CONSUMER CREDIT PROTECTION
- BUREAU OF FINANCIAL INSTITUTIONS
- OFFICE OF LICENSING AND REGISTRATION

Request for Information from Interested Parties:

Sunrise Review for LD 1241

"Resolve, Directing the Department of Professional and Financial Regulation To Conduct a Sunrise Review Regarding the Proposal To License Certain Mechanical Trades"

Department of Professional and Financial Regulation Office of the Commissioner June 12, 2009

Sunrise Review Survey: Regulation of Certain Mechanical Trades

Please return the completed survey to the Commissioner's Office by July 20, 2009. You may respond to any or all questions. The survey should be e-mailed to Doug Dunbar, Assistant to the Commissioner. The address is doug.dunbar@maine.gov. An electronic version of the survey is available by contacting the Commissioner's Office at (207) 624-8511.

Completed by: (name, title)		
On behalf of:		
Mailing address:		
E-mail address:		
Date:, 2009		

General Information

- 1. Group or organization you represent:
- **2. Position on proposed legislation.** Does this group or organization support or oppose state regulation of certain mechanical trades (pipefitters, refrigeration technicians and contractors, fire protection sprinkler fitters and contractors, sheet metal workers and contractors, and mechanical contractors)?

Evaluation Criteria (32 M.R.S.A. § 60-J)

1. Data on group proposed for regulation. Please provide a description of the professional or occupational group proposed for regulation, including:

- (a) The number of individuals or business entities that you believe would be subject to regulation (if possible, please provide a breakdown or information specific to each trade);
- (b) The names and addresses of associations, organizations and other groups representing potential licensees (if possible, please provide information specific to each trade); and
- (c) An estimate of the number of potential licensees in each group.
- **2. Specialized skill.** Please describe whether the work of these certain mechanical trades requires such a specialized skill that the public is not qualified to select a competent individual without assurances that minimum qualifications have been met (if possible, please address each trade separately).
- 3. Threat to public health, safety, or welfare. Please describe:
- (a) The nature and extent of potential harm to the public, if any or all of these trades continue to be unregulated by the State (please be as specific as possible); and
- (b) The extent to which there is a threat to the public's health, safety or welfare without state regulation (*Please provide evidence of the potential harm, including:* a description of any complaints filed with state law enforcement authorities, courts, departmental agencies, other professional or occupational boards and professional and occupational associations that have been lodged against these trades--pipefitters, refrigeration technicians and contractors, fire protection sprinkler fitters and contractors, sheet metal workers and contractors, and mechanical contractors--in this State within the past 5 years).
- **4. Voluntary and past regulatory efforts.** Please provide a description of the voluntary efforts made by these trades to protect the public through self-regulation, private certifications, membership in professional or occupational associations or academic credentials and a statement of why these efforts are inadequate to protect the public (if possible, please address each trade separately).

- **5. Costs and benefits of regulation.** Please describe the extent to which regulation of these trades will increase the cost of services provided by them and the overall cost-effectiveness and economic impact of the proposed regulation, including the indirect costs to consumers.
- **6. Service availability under regulation.** Please describe the extent to which regulation of these trades would increase or decrease the availability of services to the public.
- 7. Existing laws and regulations. Please discuss the extent to which existing legal remedies are inadequate to prevent or redress the kinds of harm potentially resulting from continued non-regulation and whether regulation can be provided through an existing state agency or in conjunction with presently regulated practitioners.
- **8. Method of regulation.** Please describe why registration, certification, license to use the title, license to practice or another type of regulation is being proposed, why that regulatory alternative was chosen and whether the proposed method of regulation is appropriate.
- **9. Other states.** Please provide a list of other states that regulate any or all of these trades, the type of regulation, copies of other states' laws and available evidence from those states of the effect of regulation on these trades in terms of a beforeand-after analysis.
- **10. Previous efforts to regulate.** Please provide the details of any previous efforts in this State to implement regulation of these trades.
- **11. Minimal competence.** Please describe whether the proposed requirements for regulation exceed the standards of minimal competence and what those standards are.
- **12. Financial analysis.** Please describe the method proposed to finance the proposed regulation and financial data pertaining to whether the proposed

regulation can be reasonably financed by potential licensees through dedicated revenue mechanisms.

13. Mandated benefits. Please describe whether the profession or occupation plans to apply for mandated benefits.

Maine Occupational Employment and Wage Estimates - 2008

			Hourly Wage			Annual Wage		
Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
00-0000	604,150	\$10.64	\$14.78	\$21.61	\$22,138	\$30,749	\$44,946	
11-0000	28,890	\$24.84	\$33.43	\$45.63	\$51,660	\$69,530	\$94,900	
11-1011	690	\$39.17	\$53.45	na	\$81,480	\$111,170	na	
11-1021	8,240	\$26.97	\$37.58	\$53.60	\$56,090	\$78,160	\$111,480	
11-1031	480	na	na	na	\$15,390	\$15,950	\$26,620	
11-2011	220	\$23.04	\$27.87	\$31.70	\$47,930	\$57,970	\$65,930	
11-2021	570	\$28.67	\$38.86	\$51.35	\$59,630	\$80,820	\$106,810	
11-2022	1,200	\$27.19	\$37.75	\$50.89	\$56,550	\$78,510	\$105,860	
11-2031	280	\$26.98	\$36.96	\$47.45	\$56,110	\$76,870	\$98,690	
11-3011	1,230	\$22.29	\$29.40	\$37.17	\$46,370	\$61,160	\$77,320	
11-3021	850	\$32.38	\$39.01	\$50.55	\$67,350	\$81,140	\$105,150	
11-3031	2,700	\$26.40	\$34.96	\$47.46	\$54,910	\$72,720	\$98,710	
11-3041	180	\$30.17	\$36.57	\$46.14	\$62,750	\$76,070	\$95,970	
11-3042	100	\$29.63	\$36.90	\$47.38	\$61,640	\$76,760	\$98,560	
11-3049	300	\$30.10	\$37.20	\$46.18	\$62,600	\$77,380	\$96,050	
11-3051	670	\$29.23	\$37.49	\$49.26	\$60,800	\$77,990	\$102,460	
11-3061	370	\$27.36	\$35.02	\$42.27	\$56,920	\$72,840	\$87,920	
11-3071	580	\$24.23	\$30.74	\$39.80	\$50,400	\$63,930	\$82,780	
11-9011	30	\$16.44	\$26.39	\$32.74	\$34,190	\$54,890	\$68,100	
11-9021	860	\$28.01	\$35.13	\$42.90	\$58,260	\$73,070	\$89,230	
	Classification 00-0000 11-0000 11-1011 11-1021 11-1031 11-2011 11-2021 11-2022 11-2031 11-3011 11-3021 11-3041 11-3042 11-3049 11-3051 11-3061 11-3071 11-9011	Occupational Classification Employment 00-0000 604,150 11-0000 28,890 11-1011 690 11-1021 8,240 11-2011 220 11-2021 570 11-2022 1,200 11-3011 1,230 11-3021 850 11-3021 850 11-3041 180 11-3042 100 11-3049 300 11-3051 670 11-3071 580 11-9011 30	Standard Occupational Classification Employment Percentile 25th Percentile 00-0000 604,150 \$10.64 11-0000 28,890 \$24.84 11-1011 690 \$39.17 11-1021 8,240 \$26.97 11-1031 480 na 11-2011 220 \$23.04 11-2021 570 \$28.67 11-2022 1,200 \$27.19 11-2031 280 \$26.98 11-3011 1,230 \$22.29 11-3021 850 \$32.38 11-3031 2,700 \$26.40 11-3041 180 \$30.17 11-3042 100 \$29.63 11-3049 300 \$30.10 11-3051 670 \$29.23 11-3061 370 \$27.36 11-9011 30 \$16.44	Standard Occupational Classification Employment Percentile 25th Percentile Median 00-0000 604,150 \$10.64 \$14.78 11-0000 28,890 \$24.84 \$33.43 11-1011 690 \$39.17 \$53.45 11-1021 8,240 \$26.97 \$37.58 11-2011 220 \$23.04 \$27.87 11-2021 570 \$28.67 \$38.86 11-2022 1,200 \$27.19 \$37.75 11-2031 280 \$26.98 \$36.96 11-3011 1,230 \$22.29 \$29.40 11-3021 850 \$32.38 \$39.01 11-3031 2,700 \$26.40 \$34.96 11-3041 180 \$30.17 \$36.57 11-3042 100 \$29.63 \$36.90 11-3049 300 \$30.10 \$37.20 11-3051 670 \$29.23 \$37.49 11-3061 370 \$27.36 \$35.02 11-3071 580 <td>Standard Occupational Classification Employment Percentile 25th Percentile Median Percentile 75th Percentile 00-0000 604,150 \$10.64 \$14.78 \$21.61 11-0000 28,890 \$24.84 \$33.43 \$45.63 11-1011 690 \$39.17 \$53.45 na 11-1021 8,240 \$26.97 \$37.58 \$53.60 11-2011 220 \$23.04 \$27.87 \$31.70 11-2021 570 \$28.67 \$38.86 \$51.35 11-2022 1,200 \$27.19 \$37.75 \$50.89 11-2031 280 \$26.98 \$36.96 \$47.45 11-3011 1,230 \$22.29 \$29.40 \$37.17 11-3021 850 \$32.38 \$39.01 \$50.55 11-3031 2,700 \$26.40 \$34.96 \$47.46 11-3041 180 \$30.17 \$36.57 \$46.14 11-3042 100 \$29.63 \$36.90 \$47.38 11-3049</td> <td>Standard Occupational Classification Employment 25th Percentile Median Percentile 75th Percentile 25th Percentile Percentile 25th Percentile Percentile 25th Percentile Percentile</td> <td>Standard Occupational Classification Employment Percentile 25th Percentile Median Percentile 75th Percentile 25th Percentile Median 00-0000 604,150 \$10.64 \$14.78 \$21.61 \$22,138 \$30,749 11-0000 28,890 \$24.84 \$33.43 \$45.63 \$51,660 \$69,530 11-1011 690 \$39.17 \$53.45 na \$81,480 \$111,170 11-1021 8,240 \$26.97 \$37.58 \$53.60 \$56,090 \$78,160 11-1031 480 na na na \$15,390 \$15,950 11-2011 220 \$23.04 \$27.87 \$31.70 \$47,930 \$57,970 11-2021 570 \$28.67 \$38.86 \$51.35 \$59,630 \$80,820 11-2022 1,200 \$27.19 \$37.75 \$50.89 \$56,550 \$78,510 11-3011 1,230 \$22.29 \$29.40 \$37.17 \$46,370 \$61,160 11-3021 850 \$32.38 \$3</td>	Standard Occupational Classification Employment Percentile 25th Percentile Median Percentile 75th Percentile 00-0000 604,150 \$10.64 \$14.78 \$21.61 11-0000 28,890 \$24.84 \$33.43 \$45.63 11-1011 690 \$39.17 \$53.45 na 11-1021 8,240 \$26.97 \$37.58 \$53.60 11-2011 220 \$23.04 \$27.87 \$31.70 11-2021 570 \$28.67 \$38.86 \$51.35 11-2022 1,200 \$27.19 \$37.75 \$50.89 11-2031 280 \$26.98 \$36.96 \$47.45 11-3011 1,230 \$22.29 \$29.40 \$37.17 11-3021 850 \$32.38 \$39.01 \$50.55 11-3031 2,700 \$26.40 \$34.96 \$47.46 11-3041 180 \$30.17 \$36.57 \$46.14 11-3042 100 \$29.63 \$36.90 \$47.38 11-3049	Standard Occupational Classification Employment 25th Percentile Median Percentile 75th Percentile 25th Percentile Percentile 25th Percentile Percentile 25th Percentile Percentile	Standard Occupational Classification Employment Percentile 25th Percentile Median Percentile 75th Percentile 25th Percentile Median 00-0000 604,150 \$10.64 \$14.78 \$21.61 \$22,138 \$30,749 11-0000 28,890 \$24.84 \$33.43 \$45.63 \$51,660 \$69,530 11-1011 690 \$39.17 \$53.45 na \$81,480 \$111,170 11-1021 8,240 \$26.97 \$37.58 \$53.60 \$56,090 \$78,160 11-1031 480 na na na \$15,390 \$15,950 11-2011 220 \$23.04 \$27.87 \$31.70 \$47,930 \$57,970 11-2021 570 \$28.67 \$38.86 \$51.35 \$59,630 \$80,820 11-2022 1,200 \$27.19 \$37.75 \$50.89 \$56,550 \$78,510 11-3011 1,230 \$22.29 \$29.40 \$37.17 \$46,370 \$61,160 11-3021 850 \$32.38 \$3	

Maine Occupational Employment and Wage Estimates - 2008

maine Occupational Emplo	,		Hourly Wage			Annual Wage			
Occupation	Standard Occupational Classification	cupational Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
Education Administrators, Preschool and Child Care Center/Program	11-9031	250	\$16.64	\$18.27	\$20.06	\$34,610	\$37,990	\$41,720	
Education Administrators, Elementary and Secondary School	11-9032	1,530	na	na	na	\$59,000	\$70,200	\$79,880	
Education Administrators, Postsecondary	11-9033	520	\$25.14	\$32.67	\$43.71	\$52,290	\$67,960	\$90,920	
Education Administrators, All Other	11-9039	160	\$18.13	\$24.04	\$32.00	\$37,710	\$49,990	\$66,560	
Engineering Managers	11-9041	620	\$35.05	\$43.34	\$55.39	\$72,900	\$90,150	\$115,210	
Food Service Managers	11-9051	1,140	\$17.04	\$20.71	\$26.56	\$35,440	\$43,080	\$55,240	
Funeral Directors	11-9061	200	\$17.88	\$25.24	\$29.49	\$37,180	\$52,490	\$61,340	
Lodging Managers	11-9081	450	\$17.59	\$25.32	\$37.18	\$36,590	\$52,660	\$77,340	
Medical and Health Services Managers	11-9111	1,460	\$26.92	\$34.90	\$46.40	\$55,990	\$72,600	\$96,510	
Natural Sciences Managers	11-9121	130	\$35.55	\$44.86	\$54.23	\$73,950	\$93,310	\$112,810	
Postmasters and Mail Superintendents	11-9131	420	\$23.19	\$27.20	\$30.60	\$48,230	\$56,580	\$63,660	
Property, Real Estate, and Community Association Managers	11-9141	370	\$18.24	\$24.22	\$33.24	\$37,940	\$50,370	\$69,140	
Social and Community Service Managers	11-9151	1,080	\$20.18	\$24.27	\$29.10	\$41,970	\$50,480	\$60,520	
Managers, All Other	11-9199	990	\$26.45	\$32.05	\$40.01	\$55,010	\$66,660	\$83,220	
Business and Financial Operations Occupations	13-0000	22,450	\$18.66	\$23.84	\$30.94	\$38,800	\$49,590	\$64,360	
Agents and Business Managers of Artists, Performers, and Athletes	13-1011	10	na	na	na	na	na	na	
Purchasing Agents and Buyers, Farm Products	13-1021	260	\$13.25	\$15.14	\$22.37	\$27,550	\$31,500	\$46,520	
Wholesale and Retail Buyers, Except Farm Products	13-1022	530	\$16.21	\$20.52	\$26.81	\$33,720	\$42,690	\$55,760	
Purchasing Agents, Except Wholesale, Retail, and Farm Products	13-1023	920	\$18.79	\$23.54	\$29.74	\$39,080	\$48,950	\$61,850	
Claims Adjusters, Examiners, and Investigators	13-1031	1,610	\$20.20	\$24.54	\$30.30	\$42,010	\$51,050	\$63,020	

Maine Occupational Employment and Wage Estimates - 2008

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	Standard			uriy Wa	ge T	A	nnual Wag	je
Occupation	Occupational Classification		25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Insurance Appraisers, Auto Damage	13-1032	50	\$22.48	\$26.27	\$30.31	\$46,760	\$54,630	\$63,040
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	13-1041	1,100	\$16.94	\$22.48	\$28.49	\$35,230	\$46,750	\$59,270
Cost Estimators	13-1051	760	\$18.05	\$22.55	\$29.25	\$37,540	\$46,900	\$60,850
Emergency Management Specialists	13-1061	80	\$17.09	\$22.84	\$31.05	\$35,550	\$47,510	\$64,580
Employment, Recruitment, and Placement Specialists	13-1071	620	\$17.20	\$21.06	\$26.33	\$35,780	\$43,800	\$54,760
Compensation, Benefits, and Job Analysis Specialists	13-1072	850	\$17.62	\$22.43	\$28.78	\$36,650	\$46,660	\$59,860
Training and Development Specialists	13-1073	1,060	\$16.55	\$20.64	\$27.24	\$34,410	\$42,930	\$56,670
Human Resources, Training, and Labor Relations Specialists, All Other	13-1079	530	\$18.12	\$22.41	\$29.23	\$37,690	\$46,610	\$60,790
Logisticians	13-1081	170	\$25.45	\$30.82	\$35.96	\$52,940	\$64,100	\$74,800
Management Analysts	13-1111	1,150	\$22.10	\$28.29	\$38.05	\$45,960	\$58,840	\$79,150
Meeting and Convention Planners	13-1121	180	\$14.88	\$17.42	\$20.94	\$30,940	\$36,240	\$43,560
Business Operations Specialists, All Other	13-1199	3,790	\$20.79	\$25.49	\$33.05	\$43,250	\$53,020	\$68,750
Accountants and Auditors	13-2011	3,770	\$19.41	\$23.97	\$31.11	\$40,360	\$49,850	\$64,700
Appraisers and Assessors of Real Estate	13-2021	470	\$16.24	\$20.13	\$24.86	\$33,780	\$41,870	\$51,710
Budget Analysts	13-2031	170	\$23.14	\$27.77	\$31.63	\$48,120	\$57,760	\$65,780
Credit Analysts	13-2041	440	\$17.98	\$21.07	\$24.36	\$37,400	\$43,830	\$50,670
Financial Analysts	13-2051	350	\$28.65	\$37.87	\$46.83	\$59,600	\$78,780	\$97,410
Personal Financial Advisors	13-2052	220	\$21.32	\$28.17	\$44.58	\$44,350	\$58,590	\$92,720
Insurance Underwriters	13-2053	560	\$20.64	\$27.93	\$35.60	\$42,930	\$58,100	\$74,040
Financial Examiners	13-2061	110	\$21.13	\$26.88	\$35.70	\$43,950	\$55,920	\$74,250

Maine Occupational Emplo	<u> </u>			ourly Wa		A	nnual Wag	e
Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Loan Counselors	13-2071	90	\$15.01	\$17.55	\$27.68	\$31,220	\$36,500	\$57,580
Loan Officers	13-2072	1,440	\$18.84	\$24.55	\$34.45	\$39,180	\$51,060	\$71,650
Tax Exammers, Collectors, and Revenue Agents	13-2081	480	\$15.05	\$17.75	\$21.83	\$31,290	\$36,910	\$45,410
Tax Preparers	13-2082	150	\$10.05	\$12.81	\$16.91	\$20,910	\$26,640	\$35,170
Financial Specialists, All Other	13-2099	540	\$20 48	\$24.70	\$30.91	\$42,590	\$51,370	\$64,300
Computer and Mathematical Occupations	15-0000	8,390	\$21.00	\$27.37	\$35.53	\$43,670	\$56,940	\$73,900
Computer Programmers	15-1021	590	\$19.06	\$26.02	\$34.90	\$39,640	\$54,120	\$72,580
Computer Software Engineers, Applications	15-1031	1,050	\$23.68	\$29.92	\$37.14	\$49,250	\$62,230	\$77,240
Computer Software Engineers, Systems Software	15-1032	330	\$31.13	\$36.28	\$41.85	\$64,740	\$75,470	\$87,050
Computer Support Specialists	15-1041	1,880	\$15.94	\$19.29	\$23.30	\$33,150	\$40,110	\$48,470
Computer Systems Analysts	15-1051	1,600	\$26.99	\$33.53	\$39.65	\$56,130	\$69,740	\$82,470
Database Administrators	15-1061	270	\$22.77	\$29.17	\$37.88	\$47,370	\$60,670	\$78,790
Network and Computer Systems Administrators	15-1071	1,210	\$22.56	\$27.92	\$33.54	\$46,920	\$58,070	\$69,760
Network Systems and Data Communications Analysts	15-1081	650	\$24.90	\$32.34	\$38.73	\$51,800	\$67,260	\$80,560
Computer Specialists, All Other	15-1099	380	\$24.17	\$30.70	\$37.99	\$50,280	\$63,850	\$79,010
Actuaries	15-2011	230	\$22.14	\$26.26	\$30.93	\$46,050	\$54,620	\$64,340
Operations Research Analysts	15-2031	160	\$23.53	\$29.03	\$36.57	\$48,930	\$60,390	\$76,060
Statisticians	15-2041	50	\$19.94	\$23.34	\$29.74	\$41,470	\$48,540	\$61,860
Architecture and Engineering Occupations	17-0000	9,560	\$21.11	\$27.40	\$37.17	\$43,920	\$56,990	\$77,320
Architects, Except Landscape and Naval	17-1011	330	\$24.88	\$28.85	\$33.98	\$51,750	\$60,000	\$70,680

Maine Occupational Emp				ourly Wa	_	Δ	nnual Wag	je .
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Landscape Architects	17-1012	90	\$24.09	\$29.11	\$36.54	\$50,100	\$60,540	\$76,010
Cartographers and Photogrammetrists	17-1021	60	\$21.57	\$26.83	\$34.87	\$44,860	\$55,810	\$72,540
Surveyors	17-1022	390	\$17.73	\$21.34	\$30.38	\$36,880	\$44,380	\$63,180
Biomedical Engineers	17-2031	20	\$27.65	\$36.94	\$47.70	\$57,520	\$76,840	\$99,210
Chemical Engineers	17-2041	150	\$35.48	\$42.16	\$50.91	\$73,790	\$87,690	\$105,880
Civil Engineers	17-2051	810	\$25.09	\$30.74	\$36.88	\$52,200	\$63,950	\$76,700
Computer Hardware Engineers	17-2061	20	\$27.91	\$30.55	\$41.80	\$58,050	\$63,550	\$86,950
Electrical Engineers	17-2071	390	\$31.85	\$39.16	\$49.25	\$66,240	\$81,460	\$102,430
Electronics Engineers, Except Computer	17-2072	240	\$30.91	\$38.19	\$47.93	\$64,290	\$79,430	\$99,690
Environmental Engineers	17-2081	390	\$23.80	\$28.61	\$36.82	\$49,500	\$59,510	\$76,580
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	17-2111	130	\$19.93	\$27.25	\$35.28	\$41,450	\$56,690	\$73,380
Industrial Engineers	17-2112	710	\$28.34	\$34.62	\$40.69	\$58,950	\$72,000	\$84,630
Marine Engineers and Naval Architects	17-2121	70	\$32.77	\$39.56	\$45.51	\$68,160	\$82,280	\$94,650
Materials Engineers	17-2131	60	\$28.84	\$36.05	\$44.93	\$59,980	\$74,980	\$93,460
Mechanical Engineers	17-2141	650	\$28.27	\$34.70	\$42.66	\$58,810	\$72,180	\$88,730
Engineers, All Other	17-2199	260	\$34.47	\$42.85	\$48.79	\$71,700	\$89,130	\$101,490
Architectural and Civil Drafters	17-3011	780	\$16.78	\$19.36	\$24.04	\$34,890	\$40,270	\$50,010
Electrical and Electronics Drafters	17-3012	100	\$17.80	\$20.33	\$23.99	\$37,020	\$42,290	\$49,890
Mechanical Drafters	17-3013	820	\$21.22	\$23.08	\$24.94	\$44,140	\$48,010	\$51,870
Drafters, All Other	17-3019	60	\$14.39	\$18.79	\$25.80	\$29,930	\$39,080	\$53,660

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Occupation	Standard Occupational Classification	Employment		Median	75th Percentile	25th	Median	75th Percentile
Civil Engineering Technicians	17-3022	420	\$18.48	\$21.69	\$25.39	\$38,450	\$45,120	\$52,820
Electrical and Electronic Engineering Technicians	17-3023	440	\$15.99	\$24.31	\$30.77	\$33,260	\$50,570	\$64,010
Electro-Mechanical Technicians	17-3024	180	\$21.15	\$25.26	\$30.25	\$43,980	\$52,540	\$62,930
Environmental Engineering Technicians	17-3025	210	\$15.71	\$18.78	\$22.88	\$32,670	\$39,070	\$47,590
Industrial Engineering Technicians	17-3026	490	\$18.42	\$24.24	\$35.90	\$38,300	\$50,420	\$74,670
Mechanical Engineering Technicians	17-3027	120	\$18.42	\$22.28	\$26.14	\$38,320	\$46,330	\$54,370
Engineering Technicians, Except Drafters, All Other	17-3029	620	\$26.30	\$35.05	\$41.86	\$54,700	\$72,900	\$87,070
Surveying and Mapping Technicians	17-3031	270	\$12.20	\$15.44	\$18.16	\$25,380	\$32,110	\$37,770
Life, Physical, and Social Science Occupations	19-0000	4,910	\$18.21	\$23.34	\$30.89	\$37,870	\$48,550	\$64,250
Animal Scientists	19-1011	20	\$27.61	\$33.36	\$37.54	\$57,430	\$69,390	\$78,090
Food Scientists and Technologists	19-1012	20	\$20.74	\$24.42	\$31.19	\$43,140	\$50,800	\$64,870
Soil and Plant Scientists	19-1013	40	\$19.55	\$23.91	\$29.60	\$40,660	\$49,740	\$61,570
Microbiologists	19-1022	60	\$20.95	\$27.39	\$43.63	\$43,580	\$56,960	\$90,750
Zoologists and Wildlife Biologists	19-1023	200	\$20.43	\$24.12	\$28.54	\$42,500	\$50,170	\$59,350
Conservation Scientists	19-1031	50	\$22.25	\$28.07	\$34.84	\$46,290	\$58,390	\$72,470
Foresters	19-1032	90	\$17.30	\$21.69	\$24.91	\$35,990	\$45,110	\$51,810
Epidemiologists	19-1041	30	\$25.23	\$28.08	\$31.04	\$52,470	\$58,410	\$64,570
Medical Scientists, Except Epidemiologists	19-1042	110	\$23.30	\$32.89	\$46.71	\$48,460	\$68,420	\$97,160
Life Scientists, All Other	19-1099	na	\$22.04	\$23.84	\$25.57	\$45,840	\$49,580	\$53,180
Physicists	19-2012	50	\$41.45	\$45.20	\$48.96	\$86,210	\$94,020	\$101,840

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Atmospheric and Space Scientists	19-2021	30	\$33.52	\$40.46	\$46.72	\$69,720	\$84,160	\$97,180
Chemists	19-2031	180	\$20.37	\$24.64	\$28.93	\$42,360	\$51,260	\$60,180
Materials Scientists	19-2032	40	\$24.30	\$31.90	\$40.22	\$50,540	\$66,350	\$83,650
Environmental Scientists and Specialists, Including Health	19-2041	690	\$20.13	\$23.49	\$29.76	\$41,880	\$48,850	\$61,910
Geoscientists, Except Hydrologists and Geographers	19-2042	120	\$23.30	\$27.33	\$35.58	\$48,450	\$56,840	\$74,010
Hydrologists	19-2043	na	\$30.12	\$36.64	\$40.30	\$62,650	\$76,200	\$83,820
Economists	19-3011	40	\$20.89	\$23.28	\$26.30	\$43,450	\$48,430	\$54,710
Market Research Analysts	19-3021	160	\$19.69	\$23.70	\$35.05	\$40,950	\$49,290	\$72,900
Survey Researchers	19-3022	40	\$13.74	\$15.54	\$18.53	\$28,570	\$32,330	\$38,550
Clinical, Counseling, and School Psychologists	19-3031	440	\$23.81	\$30.73	\$43.12	\$49,530	\$63,920	\$89,690
Psychologists, All Other	19-3039	40	\$31.10	\$37.68	\$43.22	\$64,690	\$78,370	\$89,910
Urban and Regional Planners	19-3051	230	\$22.78	\$27.77	\$33.00	\$47,390	\$57,750	\$68,640
Historians	19-3093	10	\$19.88	\$21.70	\$23.70	\$41,350	\$45,140	\$49,290
Social Scientists and Related Workers, All Other	19-3099	80	\$22.21	\$30.53	\$37.15	\$46,200	\$63,510	\$77,270
Agricultural and Food Science Technicians	19-4011	30	\$14.01	\$16.85	\$20.38	\$29,140	\$35,040	\$42,390
Biological Technicians	19-4021	660	\$15.12	\$18.13	\$21.90	\$31,450	\$37,720	\$45,560
Chemical Technicians	19-4031	150	\$13.69	\$16.58	\$21.91	\$28,480	\$34,500	\$45,570
Geological and Petroleum Technicians	19-4041	20	\$15.98	\$17.94	\$22.06	\$33,230	\$37,310	\$45,890
Social Science Research Assistants	19-4061	320	\$16.47	\$19.22	\$23.71	\$34,250	\$39,980	\$49,330
Environmental Science and Protection Technicians, Including Health	19-4091	220	\$13.31	\$15.43	\$18.32	\$27,680	\$32,090	\$38,100

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Forest and Conservation Technicians	19-4093	50	\$14.04	\$17.59	\$22.05	\$29,200	\$36,590	\$45,870
Life, Physical, and Social Science Technicians, All Other	19-4099	210	\$16.39	\$20.76	\$30.64	\$34,090	\$43,180	\$63,720
Community and Social Services Occupations	21-0000	12,180	\$12.81	\$16.58	\$21.41	\$26,650	\$34,490	\$44,540
Substance Abuse and Behavioral Disorder Counselors	21-1011	510	\$17.38	\$19.84	\$23.63	\$36,150	\$41,270	\$49,150
Educational, Vocational, and School Counselors	21-1012	1,160	\$17.51	\$21.47	\$26.82	\$36,420	\$44,670	\$55,790
Marriage and Family Therapists	21-1013	na	\$15.94	\$20.96	\$24.46	\$33,160	\$43,600	\$50,870
Mental Health Counselors	21-1014	380	\$16.84	\$22.96	\$35.96	\$35,030	\$47,750	\$74,800
Rehabilitation Counselors	21-1015	630	\$14.60	\$17.72	\$22.64	\$30,370	\$36,850	\$47,090
Counselors, All Other	21-1019	40	\$14.25	\$19.34	\$22.34	\$29,650	\$40,220	\$46,460
Child, Family, and School Social Workers	21-1021	2,000	\$15.50	\$18.67	\$22.81	\$32,240	\$38,830	\$47,450
Medical and Public Health Social Workers	21-1022	680	\$15.56	\$19.08	\$23.46	\$32,370	\$39,690	\$48,790
Mental Health and Substance Abuse Social Workers	21-1023	1,430	\$14.21	\$18.17	\$22.36	\$29,560	\$37,790	\$46,500
Social Workers, All Other	21-1029	220	\$17.45	\$23.66	\$29.42	\$36,290	\$49,200	\$61,190
Health Educators	21-1091	440	\$14.84	\$17.79	\$22.46	\$30,870	\$37,000	\$46,710
Probation Officers and Correctional Treatment Specialists	21-1092	390	\$15.49	\$17.93	\$21.06	\$32,220	\$37,290	\$43,800
Social and Human Service Assistants	21-1093	3,890	\$10.35	\$12.00	\$14.57	\$21,520	\$24,950	\$30,300
Community and Social Service Specialists, All Other	21-1099	250	\$12.93	\$14.88	\$18.92	\$26,900	\$30,960	\$39,350
Clergy	21-2011	40	\$16.52	\$20.01	\$24.27	\$34,360	\$41,610	\$50,480
Legal Occupations	23-0000	3,770	\$19.85	\$25.59	\$38.93	\$41,290	\$53,230	\$80,980
Lawyers	23-1011	1,960	\$26.17	\$36.34	\$49.67	\$54,420	\$75,580	\$103,320

Maine Occupational Emplo	Jinone ai	ia mago		ourly Wa		A	nnual Wag	ie
Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Administrative Law Judges, Adjudicators, and Hearing Officers	23-1021	110	\$19.32	\$23.80	\$30.99	\$40,180	\$49,510	\$64,450
Arbitrators, Mediators, and Conciliators	23-1022	40	\$19.09	\$22.42	\$27.81	\$39,710	\$46,640	\$57,840
Judges, Magistrate Judges, and Magistrates	23-1023	90	\$40.07	\$55.54	\$60.30	\$83,350	\$115,520	\$125,430
Paralegals and Legal Assistants	23-2011	1,230	\$16.51	\$19.69	\$23.50	\$34,340	\$40,950	\$48,880
Court Reporters	23-2091	na	\$15.30	\$25.62	\$29.50	\$31,830	\$53,290	\$61,350
Law Clerks	23-2092	50	\$17.27	\$20.76	\$23.92	\$35,920	\$43,180	\$49,750
Title Examiners, Abstractors, and Searchers	23-2093	60	\$14.72	\$17.26	\$20.85	\$30,610	\$35,910	\$43,360
Legal Support Workers, All Other	23-2099	110	\$14.68	\$19.74	\$23.47	\$30,530	\$41,060	\$48,830
Education, Training, and Library Occupations	25-0000	41,710	\$13.48	\$18.26	\$24.43	\$28,040	\$37,970	\$50,820
Business Teachers, Postsecondary	25-1011	250	na	na	na	\$47,850	\$61,340	\$91,080
Computer Science Teachers, Postsecondary	25-1021	130	na	na	na	\$43,390	\$55,740	\$87,150
Mathematical Science Teachers, Postsecondary	25-1022	200	na	na	na	\$45,990	\$56,240	\$70,420
Architecture Teachers, Postsecondary	25-1031	20	na	na	na	\$47,980	\$61,810	\$80,610
Engineering Teachers, Postsecondary	25-1032	180	na	na	па	\$61,890	\$81,970	\$97,560
Biological Science Teachers, Postsecondary	25-1042	210	na	na	na	\$55,670	\$71,530	\$90,940
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	25-1051	130	na	na	na	\$65,600	\$82,710	\$100,540
Chemistry Teachers, Postsecondary	25-1052	110	na	na	na	\$56,560	\$73,120	\$91,330
Environmental Science Teachers, Postsecondary	25-1053	30	na	na	na	\$41,440	\$51,320	\$72,470
Physics Teachers, Postsecondary	25-1054	60	na	na	na	\$61,950	\$77,080	\$97,690
Anthropology and Archeology Teachers, Postsecondary	25-1061	50	na	na	na	\$52,950	\$74,120	\$92,040

Maine Occupational Emplo	yment ar	Tu waye		urly Wa		١ ٨	nnual Wad	10
Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-1062	30	na	na	na	\$54,040	\$62,120	\$74,180
Economics Teachers, Postsecondary	25-1063	90	na	na	na	\$68,020	\$80,810	\$103,000
Political Science Teachers, Postsecondary	25-1065	100	na	na	na	\$58,450	\$70,970	\$94,720
Psychology Teachers, Postsecondary	25-1066	140	na	na	na	\$48,920	\$63,960	\$78,560
Sociology Teachers, Postsecondary	25-1067	70	na	na	na	\$53,680	\$73,370	\$98,760
Social Sciences Teachers, Postsecondary, All Other	25-1069	70	na	na	na	\$41,590	\$61,050	\$79,780
Health Specialties Teachers, Postsecondary	25-1071	160	na	na	na	\$32,730	\$56,210	\$72,890
Nursing Instructors and Teachers, Postsecondary	25-1072	230	na	na	na	\$47,240	\$59,280	\$76,490
Education Teachers, Postsecondary	25-1081	530	na	na	na	\$42,310	\$51,060	\$67,480
Criminal Justice and Law Enforcement Teachers, Postsecondary	25-1111	40	na	na	na	\$42,770	\$53,900	\$61,850
Law Teachers, Postsecondary	25-1112	na	na	na	na	\$47,600	\$86,110	\$108,840
Art, Drama, and Music Teachers, Postsecondary	25-1121	260	na	na	na	\$50,170	\$66,980	\$81,170
Communications Teachers, Postsecondary	25-1122	110	na	na	na	\$36,920	\$48,590	\$61,810
English Language and Literature Teachers, Postsecondary	25-1123	300	na	na	na	\$43,880	\$52,870	\$67,700
Foreign Language and Literature Teachers, Postsecondary	25-1124	130	na	na	na	\$54,920	\$67 ,130	\$87,330
History Teachers, Postsecondary	25-1125	130	па	na	na	\$55,540	\$67,580	\$81,940
Philosophy and Religion Teachers, Postsecondary	25-1126	90	na	па	na	\$49,560	\$66,690	\$91,090
Graduate Teaching Assistants	25-1191	na	na	na	na	\$18,550	\$21,630	\$25,280
Recreation and Fitness Studies Teachers, Postsecondary	25-1193	90	na	na	na	\$34,770	\$47,920	\$64,100
Vocational Education Teachers, Postsecondary	25-1194	360	\$18.39	\$22.72	\$27.77	\$38,260	\$47,250	\$57,760

Maine Occupational Emplo	- y 2110111 Q1	Trage		ourly Wa		Annual Wage			
Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile	
Postsecondary Teachers, All Other	25-1199	380	na	na	na	\$31,620	\$38,100	\$58,380	
Preschool Teachers, Except Special Education	25-2011	1,480	\$10.83	\$12.43	\$15.00	\$22,530	\$25,850	\$31,200	
Kindergarten Teachers, Except Special Education	25-2012	970	na	na	na	\$35,080	\$44,270	\$53,940	
Elementary School Teachers, Except Special Education	25-2021	6,780	na	na	na	\$36,130	\$44,850	\$52,540	
Middle School Teachers, Except Special and Vocational Education	25-2022	3,410	na	na	na	\$36,570	\$45,320	\$53,700	
Vocational Education Teachers, Middle School	25-2023	30	na	na	na	\$45,520	\$50,980	\$59,330	
Secondary School Teachers, Except Special and Vocational Education	25-2031	5,710	na	na	na	\$35,690	\$44,040	\$52,870	
Vocational Education Teachers, Secondary School	25-2032	240	na	na	na	\$41,030	\$47,680	\$54,940	
Special Education Teachers, Preschool, Kindergarten, and Elementary School	25-2041	1,820	na	na	na	\$35,220	\$43,840	\$52,370	
Special Education Teachers, Middle School	25-2042	620	na	na	na	\$35,180	\$43,080	\$51,000	
Special Education Teachers, Secondary School	25-2043	760	na	na	na	\$36,040	\$43,650	\$51,730	
Self-Enrichment Education Teachers	25-3021	1,210	\$7.39	\$11.07	\$16.56	\$15,360	\$23,020	\$34,450	
Teachers and Instructors, All Other	25-3099	2,100	na	na	na	\$17,640	\$19,450	\$23,150	
Archivists	25-4011	30	\$17.52	\$21.52	\$25.60	\$36,430	\$44,770	\$53,250	
Curators	25-4012	80	\$14.74	\$21.34	\$26.02	\$30,670	\$44,390	\$54,120	
Museum Technicians and Conservators	25-4013	80	\$13.49	\$16.82	\$19.61	\$28,060	\$34,980	\$40,790	
Librarians	25-4021	930	\$15.62	\$20.76	\$26.18	\$32,480	\$43,180	\$54,450	
Library Technicians	25-4031	1,140	\$11.32	\$13.73	\$15.94	\$23,540	\$28,560	\$33,160	
Audio-Visual Collections Specialists	25-9011	na	\$14.01	\$15.31	\$16.49	\$29,140	\$31,840	\$34,300	
Farm and Home Management Advisors	25-9021	120	\$15.85	\$23.91	\$31.68	\$32,980	\$49,740	\$65,890	

Maine Occupational Em	iu wage							
	Standard		Ho	ourly Wa	ge	Α	nnual Wag	e
Occupation	Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Instructional Coordinators	25-9031	390	\$17.74	\$22.96	\$27.96	\$36,900	\$47,750	\$58,160
Teacher Assistants	25-9041	8,480	na	na	na	\$23,060	\$27,220	\$31,510
Education, Training, and Library Workers. All Other	25-9099	110	\$13.94	\$18.29	\$23.11	\$29,000	\$38,030	\$48,070
Arts, Design, Entertainment, Sports, and Media Occupations	27-0000	7,670	\$9.72	\$15.74	\$23.42	\$20,220	\$32,740	\$48,720
Art Directors	27-1011	100	\$23.09	\$33.57	\$45.39	\$48,020	\$69,820	\$94,400
Craft Artists	27-1012	70	\$10.67	\$12.85	\$17.73	\$22,190	\$26,730	\$36,890
Fine Artists, Including Painters, Sculptors, and Illustrators	27-1013	80	na	na	na:	na	na	na
Multi-Media Artists and Animators	27-1014	60	\$18.68	\$22.16	\$25.44	\$38,850	\$46,100	\$52,920
Commercial and Industrial Designers	27-1021	160	\$22.62	\$31.63	\$36.67	\$47,040	\$65,780	\$76,270
Fashion Designers	27-1022	60	\$27.80	\$38.47	\$47.03	\$57,830	\$80,020	\$97,820
Floral Designers	27-1023	320	\$9.13	\$10.97	\$12.64	\$18,990	\$22,820	\$26,290
Graphic Designers	27-1024	690	\$12.94	\$17.31	\$21.98	\$26,910	\$36,000	\$45,720
Merchandise Displayers and Window Trimmers	27-1026	na	\$12.57	\$14.71	\$18.88	\$26,150	\$30,590	\$39,260
Designers, All Other	27-1029	70	\$14.30	\$17.40	\$23.18	\$29,740	\$36,190	\$48,210
Actors	27-2011	60	na	na	na	na	na	na
Producers and Directors	27-2012	240	\$16.17	\$19.00	\$27.58	\$33,630	\$39,510	\$57,370
Coaches and Scouts	27-2022	1,970	na	na	na	\$15,260	\$15,830	\$21,520
Musicians and Singers	27-2042	80	na	na	na	па	na	na
Radio and Television Announcers	27-3011	110	\$9.66	\$13.26	\$18.34	\$20,100	\$27,580	\$38,160
Reporters and Correspondents	27-3022	340	\$11.94	\$14.73	\$19.32	\$24,840	\$30,640	\$40,180

			Ho	urly Wa	ge	A	nnual Wag	е
Occupation	Standard Occupational Classification	Employment	25th Percentile	M edian	75th Percentile	25th Percentile	Median	75th Percentile
Public Relations Specialists	27-3031	1,080	\$18.29	\$23.55	\$31.08	\$38,040	\$48,980	\$64,640
Editors	27-3041	410	\$15.66	\$19.61	\$27.91	\$32,570	\$40,790	\$58,050
Technical Writers	27-3042	60	\$17.47	\$21.59	\$26.97	\$36,350	\$44,900	\$56,090
Writers and Authors	27-3043	240	\$19.83	\$23.65	\$28.93	\$41,240	\$49,180	\$60,180
Interpreters and Translators	27-3091	na	\$12.12	\$13.82	\$15.51	\$25,210	S28,750	\$32,260
Media and Communication Workers, All Other	27-3099	50	\$7.56	\$18.05	\$25.20	\$15,730	\$37,550	\$52,410
Audio and Video Equipment Technicians	27-4011	120	\$14.00	\$16.88	\$21.23	\$29,110	\$35,120	\$44,170
Broadcast Technicians	27-4012	210	\$9.39	\$13.51	\$18.73	\$19,520	\$28,100	\$38,950
Sound Engineering Technicians	27-4014	20	\$11.59	\$17.42	\$25.93	\$24,100	\$36,220	\$53,930
Photographers	27-4021	240	\$8.86	\$10.94	\$16.58	\$18,420	\$22,760	\$34,480
Camera Operators, Television, Video, and Motion Picture	27-4031	70	\$11.50	\$13.31	\$16.11	\$23,920	\$27,680	\$33,500
Film and Video Editors	27-4032	80	\$13.12	\$17.31	\$22.26	\$27,300	\$36,000	\$46,290
Media and Communication Equipment Workers, All Other	27-4099	30	\$15.38	\$25.61	\$32.46	\$32,000	\$53,260	\$67,520
Healthcare Practitioners and Technical Occupations	29-0000	36,170	\$20.36	\$27.03	\$35.25	\$42,360	\$56,220	\$73,310
Chiropractors	29-1011	180	\$21.62	\$30.72	\$43.60	\$44,970	\$63,890	\$90,700
Dentists, General	29-1021	360	\$57.10	na	na	\$118,760	na	na
Dietitians and Nutritionists	29-1031	250	\$18.00	\$23.28	\$28.18	\$37,440	\$48,420	\$58,610
Optometrists	29-1041	120	\$26.83	\$45.35	\$58.71	\$55,800	\$94,320	\$122,110
Pharmacists	29-1051	1,220	\$50.75	\$56.06	\$61.19	\$105,560	\$116,600	\$127,270
Anesthesiologists	29-1061	270	\$59.90	\$71.26	na	\$124,580	\$148,210	na

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Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Family and General Practitioners	29-1062	740	\$56.71	\$69.01	na	\$117,950	\$143,550	na
Internists, General	29-1063	380	\$59.19	\$70.80	na	\$123,120	\$147,260	na
Obstetricians and Gynecologists	29-1064	140	na	na	na	na	na	na
Pediatricians, General	29-1065	140	\$59.48	\$73.41	na	\$123,710	\$152,700	na
Psychiatrists	29-1066	130	\$70.36	\$77.72	na	\$146,340	\$161,660	na
Surgeons	29-1067	390	na	na	na	na	na	na
Physicians and Surgeons, All Other	29-1069	1,260	\$49.45	na	na	\$102,860	na	na
Physician Assistants	29-1071	730	\$34.73	\$38.96	\$46.15	\$72,230	\$81,030	\$95,990
Podiatrists	29-1081	30	\$45.89	\$53.59	\$72.94	\$95,460	\$111,460	\$151,710
Registered Nurses	29-1111	14,050	\$23.76	\$28.10	\$32.44	\$49,420	\$58,440	\$67,470
Audiologists	29-1121	na	\$26.77	\$32.87	\$37.16	\$55,690	\$68,360	\$77,300
Occupational Therapists	29-1122	630	\$21.00	\$26.30	\$30.91	\$43,690	\$54,710	\$64,290
Physical Therapists	29-1123	970	\$26.95	\$30.24	\$35.05	\$56,060	\$62,910	\$72,900
Radiation Therapists	29-1124	100	\$24.66	\$29.22	\$35.28	\$51,290	\$60,770	\$73,390
Recreational Therapists	29-1125	100	\$13.28	\$17.16	\$19.76	\$27,610	\$35,700	\$41,100
Respiratory Therapists	29-1126	540	\$21.90	\$24.78	\$28.58	\$45,560	\$51,540	\$59,450
Speech-Language Pathologists	29-1127	710	\$21.31	\$25.84	\$29.93	\$44,320	\$53,750	\$62,240
Therapists, All Other	29-1129	na	\$21.16	\$22.93	\$26.09	\$44,010	\$47,680	\$54,270
Veterinarians	29-1131	310	\$31.40	\$36.84	\$45.23	\$65,310	\$76,620	\$94,090
Health Diagnosing and Treating Practitioners, All Other	29-1199	140	\$25.62	\$32.13	\$61.88	\$53,290	\$66,820	\$128,710

Maine Occupational Empire	iu wage					and Man		
	Standard		но	urly Wa	ge	A	nnual Wag	je
Occupation	Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Medical and Clinical Laboratory Technologists	29-2011	930	\$21.28	\$24.40	\$28.43	\$44,270	\$50,760	\$59,120
Medical and Clinical Laboratory Technicians	29-2012	710	\$13.97	\$16.77	\$20.95	\$29,050	\$34,880	\$43,580
Dental Hygienists	29-2021	1,120	\$26.10	\$29.22	\$32.41	\$54,300	\$60,770	\$67,420
Cardiovascular Technologists and Technicians	29-2031	170	\$20.56	\$26.66	\$31.03	\$42,760	\$55,460	\$64,550
Diagnostic Medical Sonographers	29-2032	160	\$27.78	\$31.50	\$35.96	\$57,780	\$65,520	\$74,810
Nuclear Medicine Technologists	29-2033	80	\$28.11	\$32.85	\$37.70	\$58,460	\$68,330	\$78,420
Radiologic Technologists and Technicians	29-2034	1,260	\$21.94	\$25.05	\$29.69	\$45,640	\$52,100	\$61,750
Emergency Medical Technicians and Paramedics	29-2041	1,260	\$10.79	\$13.13	\$16.27	\$22,450	\$27,310	\$33,850
Dietetic Technicians	29-2051	170	\$11.98	\$13.96	\$15.99	\$24,920	\$29,030	\$33,270
Pharmacy Technicians	29-2052	1,570	\$10.77	\$12.85	\$14.87	\$22,410	\$26,730	\$30,920
Psychiatric Technicians	29-2053	100	\$10.44	\$12.18	\$16.06	\$21,710	\$25,340	\$33,410
Respiratory Therapy Technicians	29-2054	60	\$18.91	\$22.23	\$25.35	\$39,340	\$46,240	\$52,720
Surgical Technologists	29-2055	470	\$15.46	\$17.69	\$20.75	\$32,160	\$36,790	\$43,150
Veterinary Technologists and Technicians	29-2056	550	\$11.89	\$14.00	\$16.44	\$24,740	\$29,110	\$34,200
Licensed Practical and Licensed Vocational Nurses	29-2061	1,710	\$16.80	\$18.53	\$20.84	\$34,950	\$38,540	\$43,340
Medical Records and Health Information Technicians	29-2071	770	\$11.78	\$14.16	\$17.82	\$24,500	\$29,450	\$37,070
Opticians, Dispensing	29-2081	240	\$12.72	\$14.77	\$17.35	\$26,470	\$30,710	\$36,090
Health Technologists and Technicians, All Other	29-2099	160	\$13.62	\$17.37	\$28.30	\$28,330	\$36,120	\$58,860
Occupational Health and Safety Specialists	29-9011	250	\$25.97	\$30.42	\$35.98	\$54,010	\$63,280	\$74,840
Occupational Health and Safety Technicians	29-9012	50	\$14.13	\$17.32	\$23.33	\$29,400	\$36,030	\$48,530

Maine Occupational Emple		10. 110.90		ourly Wa	ge	Α	nnual Wag	e
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Athletic Trainers	29-9091	100	na	na	na.	\$37,170	\$42,040	\$49,210
Healthcare Practitioners and Technical Workers, All Other	29-9099	200	\$16.46	\$19.85	\$32.89	\$34,240	\$41,290	\$68,400
Healthcare Support Occupations	31-0000	22,320	\$10.04	\$11.60	\$13.89	\$20,890	\$24,130	\$28,890
Home Health Aides	31-1011	5,350	\$9.38	\$10.67	\$11.95	\$19,510	\$22,190	\$24,860
Nursing Aides, Orderlies, and Attendants	31-1012	9,710	\$9.80	\$11.15	\$12.58	\$20,380	\$23,200	\$26,170
Psychiatric Aides	31-1013	970	\$11.87	\$13.87	\$15.48	\$24,700	\$28,840	\$32,190
Occupational Therapist Assistants	31-2011	140	\$9.53	\$12.98	\$20.62	\$19,830	\$27,000	\$42,900
Physical Therapist Assistants	31-2021	190	\$17.43	\$19.46	\$22.50	\$36,240	\$40,480	\$46,800
Physical Therapist Aides	31-2022	160	\$9.74	\$11.62	\$13.66	\$20,260	\$24,180	\$28,410
Massage Therapists	31-9011	180	na	na	na	na	na	na
Dental Assistants	31-9091	1,040	\$13.60	\$15.75	\$18.75	\$28,280	\$32,750	\$39,000
Medical Assistants	31-9092	2,120	\$11.86	\$13,71	\$15.56	\$24,670	\$28,510	\$32,360
Medical Equipment Preparers	31-9093	240	\$11.43	\$13.35	\$15.36	\$23,770	\$27,770	\$31,940
Medical Transcriptionists	31-9094	800	\$12.88	\$14.78	\$17.22	\$26,790	\$30,740	\$35,810
Pharmacy Aides	31-9095	230	\$8.71	\$9.97	\$11.52	\$18,120	\$20,730	\$23,960
Veterinary Assistants and Laboratory Animal Caretakers	31-9096	680	\$10.10	\$11.84	\$14.38	\$21,000	\$24,620	\$29,900
Healthcare Support Workers, All Other	31-9099	490	\$10.41	\$12.26	\$14.70	\$21,650	\$25,500	\$30,570
Protective Service Occupations	33-0000	10,410	\$11.11	\$15.80	\$20.03	\$23,100	\$32,860	\$41,670
First-Line Supervisors/Managers of Correctional Officers	33-1011	na	\$17.37	\$19.36	\$23.30	\$36,140	\$40,260	\$48,470
First-Line Supervisors/Managers of Police and Detectives	33-1012	350	\$22.20	\$25.45	\$31.34	\$46,170	\$52,930	\$65,190

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	33-1021	250	\$21.13	\$24.69	\$29.68	\$43,960	S51,350	\$61,730
First-Line Supervisors/Managers, Protective Service Workers, All Other	33-1099	120	\$18.56	\$22.21	\$27.18	\$38,600	\$46,200	\$56,530
Fire Fighters	33-2011	1,570	\$10.84	\$16.16	\$19.29	\$22,550	\$33,620	\$40,120
Fire Inspectors and Investigators	33-2021	70	\$16.50	\$18.18	\$20.24	\$34,320	\$37,820	\$42,100
Bailiffs	33-3011	100	\$12.24	\$13.92	\$15.55	\$25,470	\$28,950	\$32,340
Correctional Officers and Jailers	33-3012	1,330	\$13.71	\$16.06	\$18.34	\$28,520	\$33,410	\$38,150
Detectives and Criminal Investigators	33-3021	410	\$21.95	\$25.36	\$31.25	\$45,660	\$52,740	\$65,000
Fish and Game Wardens	33-3031	120	\$19.62	\$21.40	\$23.18	\$40,820	\$44,510	\$48,210
Parking Enforcement Workers	33-3041	50	\$10.59	\$13.78	\$15.98	\$22,030	\$28,660	\$33,240
Police and Sheriff's Patrol Officers	33-3051	2,120	\$15.43	\$18.55	\$21.76	\$32,100	\$38,580	\$45,250
Animal Control Workers	33-9011	160	\$7.77	\$10.92	\$13.42	\$16,160	\$22,710	\$27,920
Private Detectives and Investigators	33-9021	na	\$14.27	\$16.83	\$22.83	\$29,680	\$35,000	\$47,480
Security Guards	33-9032	2,020	\$9.39	\$11.41	\$14.31	\$19,540	\$23,740	\$29,760
Crossing Guards	33-9091	510	\$8.52	\$9.22	\$10.07	\$17,710	\$19,180	\$20,940
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	33-9092	340	\$7.38	\$7.84	\$9.59	\$15,340	\$16,300	\$19,940
Protective Service Workers, All Other	33-9099	520	\$10.88	\$15.27	\$19.40	\$22,630	\$31,770	\$40,340
Food Preparation and Serving-Related Occupations	35-0000	52,860	\$7.66	\$8.92	\$11.30	\$15,930	\$18,540	\$23,510
Chefs and Head Cooks	35-1011	500	\$16.29	\$19.26	\$23.73	\$33,890	\$40,050	\$49,350
First-Line Supervisors/Managers of Food Preparation and Serving Workers	35-1012	4,100	\$11.07	\$13.78	\$16.70	\$23,020	\$28,660	\$34,740
Cooks, Fast Food	35-2011	1,020	\$7.59	\$8.43	\$9.58	\$15,780	\$17,540	\$19,930

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Cooks, Institution and Cafeteria	35-2012	2,090	\$10.24	\$11.80	\$13.85	\$21,300	\$24,550	\$28,810
Cooks, Restaurant	35-2014	4,480	\$9.35	\$11.18	\$13.21	\$19,450	\$23,240	\$27,470
Cooks, Short Order	35-2015	1,000	\$8.10	\$9.19	\$11.20	\$16,850	\$19,110	\$23,290
Cooks, All Other	35-2019	30	\$11.48	\$13.71	\$17.14	\$23,870	\$28,520	\$35,650
Food Preparation Workers	35-2021	5,710	\$8.52	\$9.89	\$11.56	\$17,720	\$20,580	\$24,050
Bartenders	35-3011	2,710	\$7.39	\$7.88	\$9.92	\$15,370	\$16,390	\$20,630
Combined Food Preparation and Serving Workers, Including Fast Food	35-3021	14,280	\$7.57	\$8.27	\$9.29	\$15,740	\$17,190	\$19,320
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	35-3022	1,580	\$7.58	\$8.47	\$9.54	\$15,760	\$17,620	\$19,840
Waiters and Waitresses	35-3031	10,090	\$7.36	\$7.65	\$9.96	\$15,310	\$15,920	\$20.730
Food Servers, Nonrestaurant	35-3041	710	\$8.19	\$9.42	\$11.37	\$17,040	\$19,590	\$23,640
Dining Room and Cafeteria Attendants and Bartender Helpers	35-9011	800	\$7.68	\$8.42	\$9.35	\$15,970	\$17,520	\$19,450
Dishwashers	35-9021	2,370	\$7.70	\$8.51	\$9.53	\$16,020	\$17,700	\$19,820
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	35-9031	1,350	\$8.07	\$9.08	\$10.39	\$16,780	\$18,890	\$21,610
Food Preparation and Serving Related Workers, All Other	35-9099	na	\$7.67	\$8.98	\$11.95	\$15,960	\$18,670	\$24,850
Building and Grounds Cleaning and Maintenance Occupations	37-0000	21,050	\$9.31	\$11.43	\$14.24	\$19,370	\$23,780	\$29,620
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	37-1011	870	\$13.63	\$16.83	\$20.36	\$28,350	\$35,000	\$42,350
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	37-1012	660	\$13.87	\$18.02	\$22.32	\$28,840	\$37,470	\$46,420
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	37-2011	9,400	\$9.86	\$11.80	\$14.22	\$20,520	\$24,550	\$29,580
Maids and Housekeeping Cleaners	37-2012	5,410	\$8.41	\$9.48	\$11.19	\$17,480	\$19,710	\$23,270
Pest Control Workers	37-2021	100	\$14.29	\$15.79	\$17.93	\$29,730	\$32,840	\$37,300

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Landscaping and Groundskeeping Workers	37-3011	4,380	\$9.78	\$12.13	\$14.83	\$20,330	\$25,230	\$30,840
Tree Trimmers and Pruners	37-3013	na	\$11.46	\$12.66	\$15.58	\$23,830	\$26,340	\$32,410
Grounds Maintenance Workers, All Other	37-3019	40	\$12.63	\$14.15	\$16.32	\$26,270	\$29,420	\$33,950
Personal Care and Service Occupations	39-0000	14,870	\$8.51	\$9.77	\$12.21	\$17,690	\$20,320	\$25,390
Gaming Supervisors	39-1011	10	\$8.87	\$14.10	\$17.01	\$18,450	\$29,330	\$35,380
First-Line Supervisors/Managers of Personal Service Workers	39-1021	840	\$12.65	\$14.89	\$17.99	\$26,310	\$30,980	\$37,410
Animal Trainers	39-2011	40	\$11.49	\$13.09	\$14.62	\$23,910	\$27,230	\$30,410
Nonfarm Animal Caretakers	39-2021	680	\$8.37	\$9.41	\$11.35	\$17,410	\$19,570	\$23,620
Gaming and Sports Book Writers and Runners	39-3012	na	\$7.77	\$8.50	\$9.84	\$16,160	\$17,680	\$20,470
Motion Picture Projectionists	39-3021	90	\$8.69	\$9.81	\$11.61	\$18,070	\$20,410	\$24,140
Ushers, Lobby Attendants, and Ticket Takers	39-3031	120	\$7.62	\$8.24	\$9.40	\$15,840	\$17,150	\$19,550
Amusement and Recreation Attendants	39-3091	700	\$7.83	\$9.17	\$10.85	\$16,280	\$19,070	\$22,570
Costume Attendants	39-3092	20	\$7.45	\$11.02	\$12.82	\$15,490	\$22,910	\$26,670
Locker Room, Coatroom, and Dressing Room Attendants	39-3093	30	\$7.54	\$7.90	\$8.88	\$15,690	\$16,440	\$18,470
Funeral Attendants	39-4021	150	\$9.81	\$11.50	\$14.23	\$20,410	\$23,930	\$29,590
Hairdressers, Hairstylists, and Cosmetologists	39-5012	1,380	\$8.59	\$11.28	\$14.96	\$17,860	\$23,460	\$31,120
Manicurists and Pedicurists	39-5092	80	\$7.50	\$7.89	\$11.26	\$15,610	\$16,400	\$23,430
Skin Care Specialists	39-5094	60	\$11.05	\$13.86	\$16.74	\$22,990	\$28,830	\$34,820
Baggage Porters and Bellhops	39-6011	130	\$8.33	\$9.17	\$10.77	\$17,320	\$19,060	\$22,400
Concierges	39-6012	30	\$9.55	\$12.41	\$15.19	\$19,870	\$25,820	\$31,590

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Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Tour Guides and Escorts	39-6021	80	\$7.84	\$9.67	\$12.02	\$16,320	\$20,120	\$25,000
Travel Guides	39-6022	na	\$12.52	\$13.62	\$14.81	\$26,040	\$28,320	\$30,810
Transportation Attendants, Except Flight Attendants and Baggage Porters	39-6032	30	\$12.37	\$13.63	\$14.90	\$25,720	\$28,340	\$31,000
Child Care Workers	39-9011	2,390	\$8.68	\$10.23	\$11.65	\$18,060	\$21,270	\$24,240
Personal and Home Care Aides	39-9021	5,240	\$8.54	\$9.30	\$10.59	\$17,760	\$19,340	\$22,020
Fitness Trainers and Aerobics Instructors	39-9031	620	\$8.39	\$11.74	\$18.14	\$17,460	\$24,420	\$37,720
Recreation Workers	39-9032	1,140	\$8.91	\$11.31	\$14.19	\$18,530	\$23,530	\$29,520
Residential Advisors	39-9041	170	\$9.88	\$11.51	\$13.67	\$20,550	\$23,930	\$28,430
Personal Care and Service Workers, Alt Other	39-9099	350	\$7.42	\$7.71	\$8.00	\$15,440	\$16,030	\$16,630
Sales and Related Occupations	41-0000	60,870	\$8.72	\$11.41	\$17.78	\$18,140	\$23,730	\$36,970
First-Line Supervisors/Managers of Retail Sales Workers	41-1011	6,970	\$12.95	\$16.05	\$20.85	\$26,950	\$33,390	\$43,370
First-Line Supervisors/Managers of Non-Retail Sales Workers	41-1012	880	\$19.52	\$27.84	\$36.56	\$40,600	\$57,910	\$76,050
Cashiers	41-2011	16,500	\$7.72	\$8.61	\$9.55	\$16,060	\$17,900	\$19,850
Counter and Rental Clerks	41-2021	1,890	\$7.99	\$9.82	\$12.62	\$16,630	\$20,430	\$26,250
Parts Salespersons	41-2022	1,470	\$10.75	\$13.70	\$17.00	\$22,360	\$28,490	\$35,370
Retail Salespersons	41-2031	18,790	\$8.77	\$10.80	\$13.84	\$18,240	\$22,470	\$28,800
Advertising Sales Agents	41-3011	650	\$12.79	\$16.71	\$23.10	\$26,600	\$34,760	\$48,050
Insurance Sales Agents	41-3021	1,580	\$17.25	\$21.35	\$31.57	\$35,870	\$44,410	\$65,670
Securities, Commodities, and Financial Services Sales Agents	41-3031	900	\$21.96	\$32.55	\$57.62	\$45,670	\$67,700	\$119,850
Travel Agents	41-3041	260	\$12.58	\$14.93	\$19.44	\$26,170	\$31,040	\$40,430

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	Standard		Но	urly Wa	ge	Α	nnual Wag	e
Occupation	Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Sales Representatives, Services, All Other	41-3099	1,260	\$17.30	\$24.13	\$35.79	\$35,970	\$50,200	\$74,450
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41-4011	76 0	\$19.49	\$29.01	\$42.79	\$40,540	\$60,340	\$88,990
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	41-4012	5,580	\$16.99	\$22.54	\$30.13	\$35,340	\$46,880	\$62,670
Demonstrators and Product Promoters	41-9011	180	\$8.53	\$9.47	\$11.02	\$17,740	\$19,690	\$22,930
Real Estate Brokers	41-9021	230	\$20.47	\$29.12	\$64.59	\$42,570	\$60,580	\$134,350
Real Estate Sales Agents	41-9022	290	\$13.83	\$18.82	\$23.75	\$28,760	\$39,150	\$49,400
Sales Engineers	41-9031	100	\$26.05	\$32.77	\$41.20	\$54,180	\$68,170	\$85,690
Telemarketers	41-9041	1.730	\$8.33	\$10.06	\$13.97	\$17,320	\$20,930	\$29,070
Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	41-9091	na	\$7.69	\$9.05	\$15.06	\$15,990	\$18,820	\$31,320
Sales and Related Workers, All Other	41-9099	770	\$12.77	\$17.88	\$23.82	\$26,550	\$37,190	\$49,560
Office and Administrative Support Occupations	43-0000	101,980	\$10.85	\$13.64	\$16.89	\$22,580	\$28,370	\$35,140
First-Line Supervisors/Managers of Office and Administrative Support Workers	43-1011	7,070	\$15.51	\$19.24	\$24.09	\$32,260	\$40,030	\$50,100
Switchboard Operators, Including Answering Service	43-2011	810	\$10.01	\$11.43	\$13.41	\$20,810	\$23,780	\$27,900
Bill and Account Collectors	43-3011	1,920	\$13.00	\$14.91	\$17.91	\$27,040	\$31,020	\$37,250
Billing and Posting Clerks and Machine Operators	43-3021	2,040	\$11.37	\$13.58	\$15.59	\$23,650	\$28,250	\$32,430
Bookkeeping, Accounting, and Auditing Clerks	43-3031	7,220	\$12.67	\$14.92	\$17.73	\$26,350	\$31,020	\$36,890
Payroll and Timekeeping Clerks	43-3051	680	\$13.20	\$15.33	\$17.94	\$27,450	\$31,890	\$37,320
Procurement Clerks	43-3061	370	\$12.90	\$15.34	\$19.40	\$26,820	\$31,900	\$40,350
Tellers	43-3071	2,820	\$9.56	\$10.85	\$12.19	\$19,890	\$22,570	\$25,360
Brokerage Clerks	43-4011	230	\$14.81	\$18.30	\$22.69	\$30,810	\$38,050	\$47,190

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Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Correspondence Clerks	43-4021	10	\$12.63	\$15 75	\$17.53	\$26,280	\$32,750	\$36,450
Court, Municipal, and License Clerks	43-4031	1,260	\$11.45	\$13.78	\$16.09	\$23,820	\$28,670	\$33,460
Credit Authorizers, Checkers, and Clerks	43-4041	160	\$11.35	\$12.86	\$14.87	\$23,610	\$26,750	\$30,930
Customer Service Representatives	43-4051	8,580	\$11.41	\$13.69	\$16.05	\$23,730	\$28,470	\$33,390
Eligibility Interviewers, Government Programs	43-4061	590	\$14.10	\$16.27	\$18.38	\$29,330	\$33,840	\$38,230
File Clerks	43-4071	480	\$10.07	\$11.70	\$13.64	\$20,950	\$24,330	\$28,380
Hotel, Motel, and Resort Desk Clerks	43-4081	1,700	\$8.39	\$9.73	\$11.73	\$17,440	\$20,240	\$24,400
Interviewers, Except Eligibility and Loan	43-4111	690	\$10.34	\$11.84	\$14.42	\$21,520	\$24,620	\$29,990
Library Assistants, Clerical	43-4121	570	\$8.04	\$9.59	\$12.96	\$16,720	\$19,940	\$26,960
Loan Interviewers and Clerks	43-4131	740	\$11.89	\$14.10	\$16.94	\$24,720	\$29,330	\$35,240
New Accounts Clerks	43-4141	210	\$12.84	\$14.87	\$17.88	\$26,720	\$30,930	\$37,190
Human Resources Assistants, Except Payroll and Timekeeping	43-4161	580	\$12.87	\$15.14	\$17.83	\$26,770	\$31,500	\$37,080
Receptionists and Information Clerks	43-4171	3,030	\$9.50	\$11.49	\$13.76	\$19,770	\$23,910	\$28,620
Reservation and Transportation Ticket Agents and Travel Clerks	43-4181	450	\$10.62	\$11.87	\$13.94	\$22,080	\$24,700	\$29,000
Information and Record Clerks, All Other	43-4199	620	\$12.34	\$14.68	\$18.56	\$25,660	\$30,540	\$38,600
Cargo and Freight Agents	43-5011	140	\$11.93	\$17.35	\$21.08	\$24,800	\$36,100	\$43,840
Couriers and Messengers	43-5021	320	\$10.56	\$12.10	\$14.09	\$21,960	\$25,170	\$29,300
Police, Fire, and Ambulance Dispatchers	43-5031	760	\$13.62	\$16.15	\$18.54	\$28,340	\$33,590	\$38,560
Dispatchers, Except Police, Fire, and Ambulance	43-5032	930	\$12.59	\$15.31	\$19.10	\$26,180	\$31,850	\$39,720
Meter Readers, Utilities	43-5041	70	\$12.08	\$14.00	\$17.12	\$25,130	\$29,120	\$35,610

Maine Occupational Emplo	[<u> </u>		uriy Wa		Α	nnual Wag	je
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Postal Service Clerks	43-5051	570	\$22.42	\$24.54	\$25.52	\$46,630	\$51,040	\$53,080
Postal Service Mail Carriers	43-5052	1,760	\$17.98	\$22.31	\$24.64	\$37,400	\$46,400	\$51,250
Postal Service Mail Sorters, Processors, and Processing Machine Operators	43-5053	940	\$13.27	\$23.49	\$24.54	\$27,600	\$48,860	\$51,040
Production, Planning, and Expediting Clerks	43-5061	1,570	\$16.38	\$19.15	\$23.09	\$34,070	\$39,820	\$48,020
Shipping, Receiving, and Traffic Clerks	43-5071	2,550	\$10.62	\$13.26	\$15.68	\$22,080	\$27,580	\$32,610
Stock Clerks and Order Fillers	43-5081	7.870	\$8.38	\$9.70	\$11. 9 9	\$17,440	\$20,170	\$24,930
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	210	\$11.12	\$14.14	\$17.31	\$23,120	\$29,410	\$36,010
Executive Secretaries and Administrative Assistants	43-6011	3,010	\$15.98	\$18.83	\$22.57	\$33,250	\$39,160	\$46,950
Legal Secretaries	43-6012	990	\$14.12	\$16.62	\$19.14	\$29,360	\$34,570	\$39,820
Medical Secretaries	43-6013	4,030	\$11.62	\$13.57	\$15.49	\$24,160	\$28,220	\$32,230
Secretaries, Except Legal, Medical, and Executive	43-6014	9,740	\$12.22	\$14.18	\$16.27	\$25,410	\$29,500	\$33,850
Computer Operators	43-9011	230	\$13.87	\$16.38	\$19.88	\$28,840	\$34,070	\$41,340
Data Entry Keyers	43-9021	670	\$10.47	\$12.24	\$14.47	\$21,780	\$25,460	\$30,110
Word Processors and Typists	43-9022	640	\$11.12	\$12.67	\$14.37	\$23,130	\$26,350	\$29,890
Desktop Publishers	43-9031	110	\$13.52	\$15.12	\$17.65	\$28,130	\$31,450	\$36,710
Insurance Claims and Policy Processing Clerks	43-9041	1,760	\$13.18	\$15.07	\$17.54	\$27,410	\$31,350	\$36,490
Mail Clerks and Mail Machine Operators, Except Postal Service	43-9051	420	\$9.49	\$11.37	\$13.58	\$19,750	\$23,650	\$28,240
Office Clerks, General	43-9061	14,760	\$9.26	\$11.96	\$14.72	\$19,260	\$24,880	\$30,610
Office Machine Operators, Except Computer	43-9071	140	\$10.58	\$12.90	\$15.72	\$22,010	\$26,830	\$32,710
Proofreaders and Copy Markers	43-9081	30	\$11.28	\$13.26	\$15.62	\$23,460	\$27,570	\$32,490

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Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Statistical Assistants	43-9111	130	\$14.59	\$16.44	\$18.17	\$30,340	\$34,190	\$37.800
Office and Administrative Support Workers, All Other	43-9199	1,060	\$12.42	\$13.87	\$15.32	\$25,840	\$28,850	\$31,860
Farming, Fishing, and Forestry Occupations	45-0000	2,540	\$11.71	\$14.37	\$17.03	\$24,360	\$29,890	\$35,420
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	45-1011	240	\$16.85	\$19.24	\$26.78	\$35,050	\$40,020	\$55,690
Agricultural Inspectors	45-2011	90	\$16.27	\$18.16	\$21.22	\$33,830	\$37,770	\$44,140
Graders and Sorters, Agricultural Products	45-2041	120	\$7.91	\$8.76	\$9.79	\$16,450	\$18,210	\$20,360
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	350	\$9.10	\$10.83	\$13.95	\$18,930	\$22,530	\$29,020
Farmworkers, Farm and Ranch Animals	45-2093	120	\$9.82	\$12.24	\$14.06	\$20,420	\$25,460	\$29,240
Logging Equipment Operators	45-4022	1,240	\$12.40	\$14.10	\$15.76	\$25,790	\$29,320	\$32,780
Log Graders and Scalers	45-4023	150	\$14.18	\$16.33	\$18.78	\$29,490	\$33,970	\$39,060
Construction and Extraction Occupations	47-0000	31,360	\$13.67	\$16.66	\$20.82	\$28,430	\$34,650	\$43,310
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011	3,080	\$18.92	\$23.58	\$29.44	\$39,350	\$49,050	\$61,230
Boilermakers	47-2011	40	\$15.16	\$18.31	\$22.27	\$31,540	\$38,080	\$46,320
Brickmasons and Blockmasons	47-2021	270	\$15.51	\$18.43	\$21.49	\$32,270	\$38,340	\$44,700
Stonemasons	47-2022	па	\$11.48	\$13.28	\$16.21	\$23,880	\$27,630	\$33,720
Carpenters	47-2031	6,010	\$14.02	\$16.30	\$19.41	\$29,150	\$33,890	\$40,370
Carpet Installers	47-2041	na	\$10.77	\$15.61	\$18.33	\$22,400	\$32,480	\$38,120
Tile and Marble Setters	47-2044	na	\$13.64	\$16.57	\$21.16	\$28,380	\$34,470	\$44,010
Cement Masons and Concrete Finishers	47-2051	530	\$12.61	\$14.23	\$15.90	\$26,220	\$29,600	\$33,080
Construction Laborers	47-2061	3,230	\$11.33	\$13.29	\$15.40	\$23,560	\$27,650	\$32,030

Maine Occupational Employment and Wage Estimates - 2008								
	Standard		Ho	ourly Wa	ge	A	nnual Wag	e
Occupation	Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Paving, Surfacing, and Tamping Equipment Operators	47-2071	460	\$12.58	\$14.79	\$17.41	\$26,160	\$30,760	\$36,220
Operating Engineers and Other Construction Equipment Operators	47-2073	2,290	\$13.61	\$15.65	\$18.45	\$28,310	\$32,540	\$38,380
Drywall and Ceiling Tile Installers	47-2081	500	\$19.17	\$21.14	\$23.08	\$39,860	\$43,970	\$48,010
Tapers	47-2082	70	\$17.09	\$19.36	\$23.69	\$35,540	\$40,280	\$49,280
Electricians	47-2111	3,110	\$18.04	\$21.78	\$24.69	\$37,520	\$45,300	\$51,350
Glaziers	47-2121	na	\$13.54	\$14.82	\$16.14	\$28,160	\$30,840	\$33,580
Insulation Workers, Mechanical	47-2132	150	\$15.16	\$17.57	\$21.08	\$31,530	\$36,540	\$43,850
Painters, Construction and Maintenance	47-2141	1,630	\$13.99	\$17.01	\$19.18	\$29,100	\$35,390	\$39,890
Paperhangers	47-2142	na	\$13.96	\$14.97	\$15.94	\$29,040	\$31,130	\$33,150
Pipelayers	47-2151	100	\$11.77	\$14.20	\$17.48	\$24,480	\$29,540	\$36,350
Plumbers, Pipefitters, and Steamfitters	47-2152	2,440	\$15.23	\$19.76	\$23.63	\$31,670	\$41,100	\$49,150
Reinforcing Iron and Rebar Workers	47-2171	20	na	па	па	na	na	па
Roofers	47-2181	360	\$13.77	\$15.41	\$17.88	\$28,640	\$32,050	\$37,200
Sheet Metal Workers	47-2211	1,010	\$14.80	\$17.78	\$20.02	\$30,790	\$36,980	\$41,640
Structural Iron and Steel Workers	47-2221	240	\$15.11	\$18.46	\$21.83	\$31,430	\$38,400	\$45,400
HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	47-3011	200	\$12.36	\$14.42	\$16.34	\$25,710	\$29,990	\$33,980
HelpersCarpenters	47-3012	350	\$10.63	\$12.83	\$14.34	\$22,100	\$26,690	\$29,820
HelpersElectricians	47-3013	550	\$13.26	\$15.36	\$17.70	\$27,570	\$31,950	\$36,820
HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	47-3015	340	\$10.65	\$12.32	\$14.70	\$22,150	\$25,630	\$30,580
HelpersRoofers	47-3016	150	\$11.35	\$12.69	\$14.55	\$23,610	\$26,400	\$30,270

Munic Goodpational Emplo	<u> </u>			urly Wa	ge	А	nnual Wag	je j
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Helpers, Construction Trades, All Other	47-3019	100	\$9.69	\$10.96	\$12.53	\$20,160	\$22,790	\$26,070
Construction and Building Inspectors	47-4011	240	\$16.87	\$22.64	\$25.59	\$35,090	\$47,080	\$53,220
Fence Erectors	47-4031	na	\$13.01	\$15.01	\$17.78	\$27,070	\$31,230	\$36,990
Hazardous Materials Removal Workers	47-4041	180	\$11.63	\$13.64	\$16.61	\$24,200	\$28,380	\$34,540
Highway Maintenance Workers	47-4051	1,690	\$11.95	\$14.21	\$16.36	\$24,850	\$29,560	\$34,030
Rail-Track Laying and Maintenance Equipment Operators	47-4061	190	\$16.13	\$18.64	\$21.78	\$33,560	\$38,780	\$45,310
Septic Tank Servicers and Sewer Pipe Cleaners	47-4071	200	\$13.46	\$15.21	\$17.77	\$28,000	\$31,630	\$36,970
Construction and Related Workers, All Other	47-4099	na	\$11.57	\$14.42	\$17.96	\$24,060	\$30,000	\$37,370
Earth Drillers, Except Oil and Gas	47-5021	170	\$15.85	\$17.85	\$20.01	\$32,960	\$37.120	\$41,630
Explosives Workers, Ordnance Handling Experts, and Blasters	47-5031	110	na	na	na	na	na	na
Installation, Maintenance, and Repair Occupations	49-0000	26,910	\$13.78	\$17.40	\$22.32	\$28,660	\$36,200	\$46,420
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	49-1011	2,360	\$18.84	\$23.99	\$29.97	\$39,190	\$49,890	\$62,340
Computer, Automated Teller, and Office Machine Repairers	49-2011	690	\$12.57	\$15.53	\$19.16	\$26,140	\$32,310	\$39,850
Telecommunications Equipment Installers and Repairers, Except Line Installers	49-2022	720	\$15.00	\$21.99	\$30.81	\$31,200	\$45,730	\$64,080
Avionics Technicians	49-2091	30	\$16.25	\$20.41	\$23.50	\$33,800	\$42,460	\$48,880
Electric Motor, Power Tool, and Related Repairers	49-2092	140	\$14.11	\$16.02	\$19.51	\$29,350	\$33,320	\$40,570
Electrical and Electronics Installers and Repairers, Transportation Equipment	49-2093	110	\$15.17	\$18.72	\$23.09	\$31,550	\$38,930	\$48,040
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094	420	\$20.58	\$23.64	\$27.33	\$42,810	\$49,180	\$56,850
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095	30	\$26.64	\$28.76	\$30.89	\$55,410	\$59,830	\$64,240
Electronic Equipment Installers and Repairers, Motor Vehicles	49-2096	80	\$10.54	\$12.22	\$14.08	\$21,920	\$25,410	\$29,290

Marile Occupational Emplo	,,			urly Wa		Α	nnual Wac	ie i
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile
Electronic Home Entertainment Equipment Installers and Repairers	49-2097	380	\$10.94	\$12.78	\$17.23	\$22,760	\$26,570	\$35,830
Security and Fire Alarm Systems Installers	49-2098	460	\$16.49	\$20.65	\$23.77	\$34,300	\$42,950	\$49,440
Aircraft Mechanics and Service Technicians	49-3011	190	\$17.20	\$21.17	\$24.85	\$35,780	\$44,030	\$51,690
Automotive Body and Related Repairers	49-3021	700	\$13.39	\$16.03	\$18.93	\$27,850	\$33,340	\$39,370
Automotive Glass Installers and Repairers	49-3022	70	\$12.61	\$14.08	\$15.96	\$26,220	\$29,290	\$33,210
Automotive Service Technicians and Mechanics	49-3023	3,770	\$12.65	\$15.60	\$18.93	\$26,310	\$32,450	\$39,370
Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	1,480	\$14.41	\$17.35	\$20.77	\$29,980	\$36,090	\$43,190
Farm Equipment Mechanics	49-3041	90	\$11.64	\$14.01	\$16.80	\$24,210	\$29,150	\$34,940
Mobile Heavy Equipment Mechanics, Except Engines	49-3042	960	\$15.71°	\$18.03	\$21.65	S32,680	\$37,490	\$45,020
Motorboat Mechanics	49-3051	280	\$15.56	\$18.47	\$23.41	\$32,360	\$38,410	\$48,700
Motorcycle Mechanics	49-3052	90	\$13.39	\$15.45	\$18.33	\$27,840	\$32,140	\$38,120
Outdoor Power Equipment and Other Small Engine Mechanics	49-3053	360	\$11.59	\$13.52	\$15.19	\$24,100	\$28,120	\$31,600
Bicycle Repairers	49-3091	na	\$8.38	\$9.12	\$11.25	\$17,430	\$18,970	\$23,410
Recreational Vehicle Service Technicians	49-3092	60	\$12.28	\$14.52	\$17.17	\$25,540	\$30,200	\$35,720
Tire Repairers and Changers	49-3093	350	\$9.04	\$10.45	\$12.80	\$18,800	\$21,740	\$26,630
Mechanical Door Repairers	49-9011	110	\$12.84	\$15.08	\$18.11	\$26,710	\$31,360	\$37,670
Control and Valve Installers and Repairers, Except Mechanical Door	49-9012	120	\$17.38	\$19.57	\$23.86	\$36,140	\$40,700	\$49,640
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	1,740	\$16.25	\$18.92	\$23.41	\$33,790	\$39,350	\$48,700
Home Appliance Repairers	49-9031	150	\$13.23	\$17.17	\$20.98	\$27,510	\$35,720	\$43,650
Industrial Machinery Mechanics	49-9041	1,100	\$16.43	\$19 .15	\$23.12	\$34,180	\$39,840	\$48,080

Maine Occupational Emple				urly Wa		Annual Wage					
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile			
Maintenance and Repair Workers, General	49-9042	5,020	\$12.96	\$15.61	\$19.11	\$26,960	\$32,480	\$39,760			
Maintenance Workers, Machinery	49-9043	350	\$15.15	\$18.29	\$22.44	\$31,520	\$38,040	\$46,670			
Millwrights	49-9044	630	\$18.83	\$21.62	\$24.21	\$39,170	\$44,970	\$50,360			
Electrical Power-Line Installers and Repairers	49-9051	na	\$21.61	\$24.09	\$27.34	\$44,950	\$50,100	\$56,860			
Telecommunications Line Installers and Repairers	49-9052	930	\$17.69	\$25.95	\$30.03	\$36,800	\$53,970	\$62,470			
Camera and Photographic Equipment Repairers	49-9061	na	\$15.72	\$17.81	\$22.47	\$32,690	\$37,040	\$46,730			
Medical Equipment Repairers	49-9062	140	\$14.10	\$17.73	\$24.73	\$29,340	\$36,880	\$51,440			
Precision Instrument and Equipment Repairers, All Other	49-9069	160	\$15.92	\$19.95	\$24.58	\$33,100	\$41,500	\$51,130			
Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	180	\$10.74	\$13.27	\$15.56	\$22,340	\$27,610	\$32,370			
Locksmiths and Safe Repairers	49-9094	100	\$13.14	\$14.86	\$20.96	\$27,330	\$30,910	\$43,600			
Manufactured Building and Mobile Home Installers	49-9095	130	\$10.74	\$13.03	\$14.61	\$22,350	\$27,090	\$30,400			
Riggers	49-9096	290	\$17.19	\$19.31	\$22.92	\$35,760	\$40,160	\$47,670			
Signal and Track Switch Repairers	49-9097	10	\$19.97	\$22.45	\$24.67	\$41,530	\$46,690	\$51,310			
HelpersInstallation, Maintenance, and Repair Workers	49-9098	750	\$8.18	\$10.71	\$13.16	\$17,020	\$22,280	\$27,370			
Installation, Maintenance, and Repair Workers, All Other	49-9099	890	\$14.67	\$18.92	\$23.92	\$30,520	\$39,360	\$49,750			
Production Occupations	51-0000	41,750	\$11.27	\$14.69	\$19.38	\$23,440	\$30,560	\$40,310			
First-Line Supervisors/Managers of Production and Operating Workers	51-1011	3,670	\$17.57	\$23.31	\$30.50	\$36,540	\$48,490	\$63,440			
Coil Winders, Tapers, and Finishers	51-2021	100	\$10.66	\$15.93	\$17.59	\$22,180	\$33,130	\$36,580			
Electrical and Electronic Equipment Assemblers	51-2022	620	\$8.83	\$10.45	\$12.58	\$18,370	\$21,730	\$26,170			
Electromechanical Equipment Assemblers	51-2023	60	\$12.78	\$14.55	\$17.09	\$26,580	\$30,260	\$35,550			

Maine Occupational Emplo				ourly Wa		Annual Wage			
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th	25th Percentile	Median	75th Percentile	
Structural Metal Fabricators and Fitters	51-2041	810	\$16.43	\$17.73	\$19.03	\$34,170	\$36,880	\$39,590	
Fiberglass Laminators and Fabricators	51-2091	530	\$13.62	\$16.76	\$18.52	\$28,340	\$34,860	\$38,520	
Team Assemblers	51-2092	3,600	\$10.51	\$12.35	\$14.68	\$21,860	\$25,700	\$30,540	
Assemblers and Fabricators, All Other	51-2099	950	\$8.65	\$10.11	\$12.92	\$17,990	\$21,030	\$26,870	
Bakers	51-3011	690	\$10.06	\$12.29	\$14.72	\$20,930	\$25,570	\$30,630	
Butchers and Meat Cutters	51-3021	500	\$11.91	\$15.74	\$18.37	\$24,770	\$32,730	\$38,210	
Meat, Poultry, and Fish Cutters and Trimmers	51-3022	870	\$8.34	\$9.38	\$11.37	\$17,350	\$19,510	\$23,640	
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	51-3091	110	\$10.73	\$12.65	\$15.04	\$22,310	\$26,310	\$31,290	
Food Batchmakers	51-3092	620	\$9.20	\$12.19	\$14.51	\$19,140	\$25,350	\$30,170	
Food Cooking Machine Operators and Tenders	51-3093	100	\$9.46	\$11.92	\$13.98	\$19,680	\$24,800	\$29,070	
Computer-Controlled Machine Tool Operators, Metal and Plastic	51-4011	800	\$15.62	\$19.65	\$22.76	\$32,500	\$40,870	\$47,340	
Numerical Tool and Process Control Programmers	51-4012	30	\$20.82	\$23.41	\$26.71	\$43,300	\$48,690	\$55,560	
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4021	130	\$11.46	\$13.04	\$15.56	\$23,830	\$27,130	\$32,370	
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	51-4022	20	\$14.67	\$16.93	\$18.97	\$30,520	\$35,210	\$39,460	
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	610	\$11.09	\$13.54	\$15.18	\$23,060	\$28,160	\$31,580	
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4032	30	\$14.20	\$16.11	\$17.86	\$29,540	\$33,510	\$37,150	
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4033	400	\$15.61	\$18.84	\$22.64	\$32,470	\$39,190	\$47,080	
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4034	90	\$15.81	\$17.70	\$19.58	\$32,870	\$36,820	\$40,720	
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4035	170	\$14.97	\$17.23	\$19.37	\$31,150	\$35,830	\$40,290	
Machinists	51-4041	1,880	\$16.13	\$19.79	\$23.21	\$33,550	\$41,160	\$48,270	

Maine Occupational Employment and Wage Estimates - 2008									
			Ho	urly Wa	ge	Annual Wag		l e	
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-4072	280	\$14.76	\$18.90	\$23.64	\$30,690	\$39,310	\$49,180	
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4081	na	\$11.72	\$14.90	\$18.02	\$24,370	\$31,000	\$37,490	
Tool and Die Makers	51-4111	310	\$20.74	\$23.25	\$27.12	\$43,130	\$48,370	\$56,400	
Welders, Cutters, Solderers, and Brazers	51-4121	1,740	\$14.66	\$18.72	\$22.59	\$30,490	\$38,930	\$46,980	
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-4122	150	\$10.65	\$14.66	\$20.89	\$22,140	\$30,500	\$43,450	
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-4191	20	\$14.63	\$20.50	\$23.14	\$30,440	\$42,640	\$48,140	
Lay-Out Workers, Metal and Plastic	51-4192	150	\$19.13	\$22.13	\$25.60	\$39,780	\$46,020	\$53,250	
Plating and Coating Machine Setters. Operators, and Tenders, Metal and Plastic	51-4193	140	\$12.43	\$16.36	\$18.21	\$25,850	\$34,030	\$37,870	
Tool Grinders, Filers, and Sharpeners	51-4194	130	\$12.22	\$14.49	\$17.93	\$25,420	\$30,140	\$37,300	
Metal Workers and Plastic Workers, All Other	51-4199	150	\$11.44	\$14.29	\$18.93	\$23,790	\$29,720	\$39,370	
Bindery Workers	51-5011	290	\$11.73	\$13.99	\$16.27	\$24,390	\$29,090	\$33,840	
Job Printers	51-5021	140	\$12.90	\$17.39	\$21.71	\$26,840	\$36,160	\$45,160	
Prepress Technicians and Workers	51-5022	210	\$13.19	\$15.86	\$18.20	\$27,430	\$32,990	\$37,850	
Printing Machine Operators	51-5023	750	\$12.61	\$15.04	\$19.33	\$26,240	\$31,270	\$40,220	
Laundry and Dry-Cleaning Workers	51-6011	960	\$8.47	\$9.40	\$10.98	\$17,620	\$19,550	\$22,840	
Pressers, Textile, Garment, and Related Materials	51-6021	120	\$8.41	\$9.87	\$11.14	\$17,500	\$20,520	\$23,170	
Sewing Machine Operators	51-6031	920	\$8.94	\$10.69	\$13.21	\$18,610	\$22,240	\$27,470	
Shoe and Leather Workers and Repairers	51-6041	70	\$10.17	\$12.28	\$15.15	\$21,150	\$25,540	\$31,510	
Sewers, Hand	51-6051	140	\$11.10	\$12.68	\$14.34	\$23,090	\$26,380	\$29,830	
Tailors, Dressmakers, and Custom Sewers	51-6052	na	\$9.10	\$10.55	\$12.16	\$18,920	\$21,940	\$25,290	

Maine Occupational Emplo	J	10. 110.90		urly Wa		se .		
Occupation	Standard Occupational Classification	Occupational Employment		Median	75th	25th Percentile	nnual Waç Median	75th Percentile
Textile Bleaching and Dyeing Machine Operators and Tenders	51-6061	200	\$11.77	\$13.69	\$15.24	\$24,490	\$28,470	\$31,700
Textile Cutting Machine Setters, Operators, and Tenders	51-6062	na	\$8.62	\$9.89	\$13.53	\$17,920	\$20,570	\$28,150
Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-6063	150	\$10.31	\$11.11	\$11.91	\$21,440	\$23,110	\$24,770
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders $$	51-6064	na	\$9.28	\$12.00	\$14.16	\$19,310	\$24,960	\$29,460
Upholsterers	51-6093	na	\$11.54	\$13.20	\$15.34	\$24,010	\$27,450	\$31,910
Textile, Apparel, and Furnishings Workers, All Other	51-6099	110	\$10.68	\$12.88	\$18.97	\$22,220	\$26,780	\$39,460
Cabinetmakers and Bench Carpenters	51-7011	650	\$13.50	\$16.33	\$19.41	\$28,070	\$33,960	\$40,380
Furniture Finishers	51-7021	90	\$13.06	\$14.64	\$16.66	\$27,170	\$30,450	\$34,660
Sawing Machine Setters, Operators, and Tenders, Wood	51-7041	680	\$11.27	\$13.05	\$14.73	\$23,440	\$27,140	\$30,640
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	51-7042	870	\$10.21	\$12.12	\$14.56	\$21,230	\$25,200	\$30,280
Woodworkers, All Other	51-7099	120	\$10.56	\$11.78	\$14.50	\$21,970	\$24,490	\$30,160
Power Distributors and Dispatchers	51-8012	na	\$21.55	\$23.22	\$24.89	\$44,820	\$48,300	\$51,780
Power Plant Operators	51-8013	410	\$20.64	\$28.63	\$34.43	\$42,930	\$59,550	\$71,610
Stationary Engineers and Boiler Operators	51-8021	460	\$16.73	\$19.58	\$24.02	\$34,790	\$40,720	\$49,950
Water and Liquid Waste Treatment Plant and System Operators	51-8031	550	\$16.04	\$18.08	\$20.25	\$33,360	\$37,610	\$42,120
Chemical Plant and System Operators	51-8091	140	\$20.50	\$23.26	\$27.70	\$42,640	\$48,380	\$57,610
Plant and System Operators, All Other	51-8099	50	\$13.47	\$15.27	\$18.16	\$28,020	\$31,760	\$37,780
Chemical Equipment Operators and Tenders	51-9011	170	\$17.07	\$18.44	\$19.87	\$35,510	\$38,350	\$41,330
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	51-9012	300	\$13.39	\$16.03	\$19.18	\$27,860	\$33,340	\$39,890
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	51-9021	na	\$15.88	\$19.03	\$22.33	\$33,030	\$39,580	\$46,450

Maine Occupational Emplo		gc	Hourly Wage Annual Wag					
Occupation	Standard Occupational Classification	Employment		Median	75th	25th Percentile	Median	75th Percentile
Grinding and Polishing Workers, Hand	51-9022	220	\$13.65	\$15.47	\$20.18	\$28,400	\$32,170	\$41,970
Mixing and Blending Machine Setters, Operators, and Tenders	51-9023	380	\$14.76	\$18.31	\$22.15	\$30,700	\$38,090	\$46,070
Cutters and Trimmers, Hand	51-9031	80	\$8.73	\$9.90	\$11.29	\$18,160	\$20,600	\$23,490
Cutting and Slicing Machine Setters, Operators, and Tenders	51-9032	650	\$12.24	\$15.78	\$20.88	\$25,460	\$32,830	\$43,440
Extruding, Forming, Pressing, and Compacting Machine Setters. Operators, and Tenders	51-9041	240	\$12.52	\$14.37	\$16.62	\$26,050	\$29,900	\$34,570
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9051	250	\$13.30	\$15.68	\$18.40	\$27.660	\$32,610	\$38,260
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	1,950	\$11.36	\$14.48	\$19.57	\$23,630	\$30,130	\$40,700
Jewelers and Precious Stone and Metal Workers	51-9071	140	\$13.63	\$15.24	\$19.00	\$28,350	\$31,690	\$39,530
Dental Laboratory Technicians	51-9081	140	\$12.07	\$14.67	\$18.51	\$25,100	\$30,520	\$38,500
Medical Appliance Technicians	51-9082	20	\$14.47	\$17.60	\$24.30	\$30,090	\$36,620	\$50,540
Ophthalmic Laboratory Technicians	51-9083	40	\$11.07	\$12.66	\$14.70	\$23,020	\$26,340	\$30,570
Packaging and Filling Machine Operators and Tenders	51-9111	1,590	\$9.93	\$12.56	\$14.94	\$20,660	\$26,130	\$31,070
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	51-9121	780	\$16.51	\$20.57	\$24.71	\$34,340	\$42,790	\$51,390
Painters, Transportation Equipment	51-9122	300	\$13.96	\$16.98	\$19.56	\$29,050	\$35,310	\$40,680
Painting, Coating, and Decorating Workers	51-9123	210	\$9.41	\$12.09	\$14.07	\$19,560	\$25,160	\$29,260
Photographic Process Workers	51-9131	40	\$11.77	\$14.38	\$17.78	\$24,470	\$29,910	\$36,980
Photographic Processing Machine Operators	51-9132	180	\$8.84	\$10.00	\$11.45	\$18,380	\$20,810	\$23,820
Cementing and Gluing Machine Operators and Tenders	51-9191	70	\$10.24	\$12.86	\$ 14.48	\$21,300	\$26,760	\$30,120
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51-9192	50	\$10.59	\$11.36	\$12.12	\$22,030	\$23,630	\$25,210
Cooling and Freezing Equipment Operators and Tenders	51-9193	30	\$10.94	\$14.13	\$16.73	\$22,750	\$29,400	\$34,790

manie Oceupational Emple	, ,		Hourly Wage			Annual Wage				
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile		
Etchers and Engravers	51-9194	na	\$8.59	\$9.20	\$9.78	\$17,870	\$19,140	\$20,340		
Molders, Shapers, and Casters, Except Metal and Plastic	51-9195	190	\$10.36	\$11.61	\$13.57	\$21,540	\$24,140	\$28,220		
Paper Goods Machine Setters, Operators, and Tenders	51-9196	390	\$16.50	\$18.63	\$21.38	\$34,320	\$38,740	\$44,470		
Tire Builders	51-9197	110	na	па	na	na	na	na		
HelpersProduction Workers	51-9198	1,440	\$10.10	\$11.68	\$15.13	\$21,010	\$24,290	\$31,470		
Production Workers, All Other	51-9199	1,140	\$10.29	\$12.01	\$15.75	\$21,410	\$24,970	\$32.750		
Transportation and Material Moving Occupations	53-0000	41,530	\$10.14	\$12.77	\$16.43	\$21,080	\$26,570	\$34,170		
Aircraft Cargo Handling Supervisors	53-1011	10	\$18.69	\$24.14	\$29.78	\$38,880	\$50,210	\$61,950		
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	53-1021	1,150	\$12.82	\$17.95	\$23.15	\$26,660	\$37,350	\$48,150		
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	53-1031	810	\$17.29	\$23.15	\$31.10	\$35,960	\$48,150	\$64,690		
Airline Pilots, Copilots, and Flight Engineers	53-2011	na	па	na	na	\$89,320	\$128,110	\$160,560		
Commercial Pilots	53-2012	100	na	na	na	\$44,910	\$52,460	\$72,130		
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-3011	220	\$7.43	\$7.73	\$9.46	\$15,450	\$16,080	\$19,680		
Bus Drivers, Transit and Intercity	53-3021	410	\$12.63	\$14.12	\$15.67	\$26,280	\$29,380	\$32,590		
Bus Drivers, School	53-3022	1,840	\$11.33	\$13.56	\$15.43	\$23,560	\$28,200	\$32,100		
Driver/Sales Workers	53-3031	1,850	\$8.87	\$11.51	\$14.62	\$18,440	\$23,950	\$30,410		
Truck Drivers, Heavy and Tractor-Trailer	53-3032	10,110	\$12.82	\$14.97	\$18.60	\$26,670	\$31,140	\$38,700		
Truck Drivers, Light or Delivery Services	53-3033	3,710	\$10.38	\$12.90	\$18.05	\$21,580	\$26,830	\$37,540		
Taxi Drivers and Chauffeurs	53-3041	500	\$7.48	\$8.85	\$11.08	\$15,560	\$18,410	\$23,050		
Motor Vehicle Operators, All Other	53-3099	300	\$7.79	\$9.24	\$13.87	\$16,200	\$19,230	\$28,850		

Maine Occupational Empi	Ī			ourly Wa		Annual Wage				
Occupation	Standard Occupational Classification	Employment	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile		
Locomotive Engineers	53-4011	80	\$17.49	\$21.77	\$27.56	\$36,370	\$45,280	\$57,330		
Railroad Conductors and Yardmasters	53-4031	60	\$17.89	\$23.12	\$28.10	S37,220	\$48,100	\$58,450		
Sailors and Marine Oilers	53-5011	180	\$10.47	\$12.93	\$17.39	\$21,770	\$26,900	\$36,170		
Captains, Mates, and Pilots of Water Vessels	53-5021	220	\$19.33	\$22.50	\$28.66	\$40,200	\$46,800	\$59,610		
Motorboat Operators	53-5022	30	\$15.37	\$19.03	\$22.68	\$31,970	\$39,580	\$47,170		
Parking Lot Attendants	53-6021	220	\$8.19	\$9.38	\$12.49	\$17,030	\$19,500	\$25,980		
Service Station Attendants	53-6031	610	\$7.55	\$8.23	\$9.38	\$15,710	\$17,110	\$19,510		
Transportation Inspectors	53-6051	50	\$19.08	\$40.75	\$46.44	\$39,690	\$84,760	\$96,600		
Transportation Workers, All Other	53-6099	470	\$7.28	\$7.43	\$7.57	\$15,140	\$15,450	\$15,750		
Conveyor Operators and Tenders	53-7011	150	\$11.31	\$14.51	\$18.75	\$23,520	\$30,180	\$38,990		
Crane and Tower Operators	53-7021	220	\$19.52	\$22.73	\$25.35	\$40,600	\$47,280	\$52,720		
Excavating and Loading Machine and Dragline Operators	53-7032	220	\$13.83	\$15.94	\$19.31	\$28,760	\$33,150	\$40,170		
Industrial Truck and Tractor Operators	53-7051	3,780	\$11.48	\$13.70	\$17.14	\$23,870	\$28,490	\$35,650		
Cleaners of Vehicles and Equipment	53-7061	1,030	\$8.68	\$10.25	\$12.51	\$18,060	\$21,320	\$26,010		
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	7,990	\$9.57	\$11.34	\$13.82	\$19,910	\$23,590	\$28,740		
Machine Feeders and Offbearers	53-7063	430	\$10.31	\$12.36	\$15.07	\$21,450	\$25,720	\$31,340		
Packers and Packagers, Hand	53-7064	3,650	\$8.00	\$9.21	\$11.07	\$16,650	\$19,160	\$23,020		
Refuse and Recyclable Material Collectors	53-7081	880	\$9.72	\$11.80	\$14.71	\$20,220	\$24,540	\$30,590		
Tank Car, Truck, and Ship Loaders	53-7121	20	\$15.25	\$16.72	\$18.19	\$31,720	\$34,780	\$37,840		
Material Moving Workers, All Other	53-7199	10	\$9.16	\$10.94	\$12.96	\$19,050	\$22,760	\$26,960		

Source: Maine Department of Labor, Center for Workforce Research and Information, Occupational Employment Statistics program

Maine Revised Statute Title 5, Chapter 10: UNFAIR TRADE PRACTICES Table of Contents

Part 1. STATE DEPARTMENTS	••••
Section 205-A. SHORT TITLE	3
Section 206. DEFINITIONS	3
Section 207. UNLAWFUL ACTS AND CONDUCT	3
Section 208. EXCEPTIONS	4
Section 209. INJUNCTION; PROCEDURES	4
Section 210. DISCONTINUANCE; COSTS	5
Section 211. EXAMINATION; NOTICE REQUIREMENTS	5
Section 212. PENALTIES	7
Section 213. PRIVATE REMEDIES	8
Section 214 WAIVED: DURI IC POLICY	0

5 §205-A. SHORT TITLE

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This chapter will be known as and may be cited as the Maine Unfair Trade Practices Act. [1987, c. 307, §1 (NEW).]

SECTION HISTORY
1987, c. 307, §1 (NEW).
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5 §206. DEFINITIONS

The following words, as used in this chapter, unless the context otherwise requires or a different meaning is specifically required, shall mean: [1969, c. 577, §1 (NEW).]

1. **Documentary material.** "Documentary material" shall include the original or a copy of any book, record, report, memorandum, paper, communication, tabulation, map, chart, photograph, mechanical transcription or other tangible document or recording wherever situate.

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[ 1969, c. 577, §1 (NEW) .]
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2. Person. "Person" shall include, where applicable, natural persons, corporations, trusts, partnerships, incorporated or unincorporated associations and any other legal entity.

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[ 1969, c. 577, §1 (NEW) .]
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3. Trade and commerce. "Trade" and "commerce" shall include the advertising, offering for sale, sale or distribution of any services and any property, tangible or intangible, real, personal or mixed, and any other article, commodity or thing of value wherever situate, and shall include any trade or commerce directly or indirectly affecting the people of this State.

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[ 1969, c. 577, §1 (NEW) .]
SECTION HISTORY
1969, c. 577, §1 (NEW).
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5 §207. UNLAWFUL ACTS AND CONDUCT

Unfair methods of competition and unfair or deceptive acts or practices in the conduct of any trade or commerce are declared unlawful. [1969, c. 577, §1 (NEW).]

1. Intent. It is the intent of the Legislature that in construing this section the courts will be guided by the interpretations given by the Federal Trade Commission and the Federal Courts to Section 45(a)(1) of the Federal Trade Commission Act (15 United States Code 45(a)(1)), as from time to time amended.

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[ 2007, c. 466, Pt. A, §4 (AMD) .]
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2. Rules and regulations. The Attorney General may make rules and regulations interpreting this section. Such rules and regulations shall not be inconsistent with the rules, regulations and decisions of the Federal Trade Commission and the Federal Courts interpreting the provisions of 15 U.S.C. 45(a)(1) (The Federal Trade Commission Act) as from time to time amended. Evidence of a violation of a rule or regulation made by the Attorney General shall constitute prima facie evidence of an act or practice declared to be unlawful by this chapter in any action thereafter brought under this chapter.

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[ 1973, c. 322, (AMD) .]
SECTION HISTORY
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1969, c. 577, §1 (NEW). 1973, c. 322, (AMD). 2007, c. 466, Pt. A, §4 (AMD).
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5 §208. EXCEPTIONS

Nothing in this chapter shall apply to: [1969, c. 577, §1 (NEW).]

- 1. **Regulatory boards.** Transactions or actions otherwise permitted under laws as administered by any regulatory board or officer acting under statutory authority of the State or of the United States. This exception applies only if the defendant shows that:
 - A. Its business activities are subject to regulation by a state or federal agency; and [2007, c.222, §1 (NEW).]
 - B. The specific activity that would otherwise constitute a violation of this chapter is authorized, permitted or required by a state or federal agency or by applicable law, rule or regulation or other regulatory approval. [2007, c. 222, §1 (NEW).]

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[ 2007, c. 222, §1 (AMD) .]
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2. Interstate commerce.

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[ 1981, c. 569, (RP) .]
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3. Complaints.

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[ 1973, c. 323, §2 (RP) .]

SECTION HISTORY
1969, c. 577, §1 (NEW). 1973, c. 323, §§1,2 (AMD). 1981, c. 569, (AMD). 2007, c. 222, §1 (AMD).
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5 §209. INJUNCTION; PROCEDURES

Whenever the Attorney General has reason to believe that any person is using or is about to use any method, act or practice declared by section 207 to be unlawful, and that proceedings would be in the public interest, he may bring an action in the name of the State against such person to restrain by temporary or permanent injunction the use of such method, act or practice and the court may make such other orders or judgments as may be necessary to restore to any person who has suffered any ascertainable loss by reason of the use or employment of such unlawful method, act or practice, any moneys or property, real or personal, which may have been acquired by means of such method, act or practice. At least 10 days prior to commencement of any action under this section, the Attorney General shall notify the person of his intended action, and give the person an opportunity to confer with the Attorney General in person or by counsel or other representative as to the proposed action. Notice shall be given the person by mail, postage prepaid, sent to his usual place of business, or if he has no usual place of business, to his last known address. The Attorney General may proceed without notice as required by this section upon a showing of facts by affidavit of immediate irreparable harm to the consumers of the State. The action may be brought in the Superior Court of the county in which such person resides or has his principal place of business, or may be brought in the Superior Court of Kennebec County. The said courts are authorized to issue temporary or permanent injunctions to restrain and prevent violations of this chapter. Any district attorney or law enforcement officer, receiving notice of any alleged violation of this chapter, shall immediately forward written notice of the same with any other information that he may have to the office of the Attorney General. Any person who violates the terms of an injunction issued under this section shall forfeit and pay to the State, to be applied in the carrying out of this chapter, a civil penalty of not more than \$10,000 for each violation. For the purposes of this section, the court issuing such injunction shall retain jurisdiction, and the cause shall be continued, and in such cases the Attorney General acting in the name of

the State may petition for recovery of such civil penalty. In any action under this section where a permanent injunction is issued, the court may order the person against whom the permanent injunction has been issued to pay to the State the costs of the investigation of that person by the Attorney General and the costs of the suit, which funds shall accrue to the General Fund. [1975, c. 199, (AMD).]

In any action under this section where a permanent injunction is denied, the court may order the State to pay the costs of the defense of the prevailing party or parties and the costs of the suit upon a finding by the court that the action was frivolous. [1981, c. 339, (NEW).]

In any action by the Attorney General brought against the defendant for violating the terms of an injunction issued under this section, the court may make such orders or judgments as may be necessary to restore to any persons who have suffered any ascertainable loss by reason of such conduct found to be in violation of an injunction, any money or property, real or personal, which may have been acquired by means of such conduct. Each intentional violation of section 207 in which the Attorney General establishes that the conduct giving rise to the violation is either unfair or deceptive is a violation for which a civil penalty of not more than \$10,000 shall be adjudged. The Attorney General may seek to recover civil penalties for violations of section 207 which are intentional and are unfair or deceptive. The Attorney General in seeking civil penalties has the burden of proving that the conduct was intentional and was unfair or deceptive notwithstanding any other statute which declares a violation of that statute an unfair trade practice. These penalties shall be applied in the carrying out of this chapter. [1989, c. 239, (AMD).]

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SECTION HISTORY
1969, c. 577, §1 (NEW). 1971, c. 229, (AMD). 1971, c. 338, §§1,2
(AMD). 1971, c. 622, §8 (AMD). 1973, c. 419, §§1,2 (AMD). 1973, c.
567, §20 (AMD). 1975, c. 199, (AMD). 1981, c. 339, (AMD). 1987, c.
307, §2 (AMD). 1989, c. 239, (AMD).
```

5 §210. DISCONTINUANCE; COSTS

In any case where the Attorney General has authority to institute an action or proceeding under section 209, in lieu thereof he may accept an assurance of discontinuance of any method, act or practice in violation of this chapter from any person alleged to be engaged or to have been engaged in such method, act or practice. Such assurance may include a stipulation for the voluntary payment by such person of the costs of investigation, or of an amount to be held in escrow pending the outcome of an action or as restitution to aggrieved buyers, or both. Any such assurance of discontinuance shall be in writing and be filed with the Superior Court of Kennebec County. Matters thus closed may at any time be reopened by the Attorney General for further proceedings in the public interest. Evidence of a violation of such assurance shall constitute prima facie evidence of an act or practice declared to be unlawful by this chapter in any action thereafter brought under this chapter. [1973, c. 320, (AMD).]

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SECTION HISTORY 1969, c. 577, §1 (NEW). 1973, c. 320, (AMD).
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5 §211. EXAMINATION; NOTICE REQUIREMENTS

The Attorney General, whenever he believes any person to be or to have been in violation of this chapter, may examine or cause to be examined for that purpose, any books, records, papers and memoranda of whatever nature relevant to such alleged violation. The Attorney General may require the attendance of such person or of any other person having knowledge in the premises at any place in the county where such person resides or has a place of business or in Kennebec County if such person is a nonresident or has no place of business within the State, and may take testimony and require proof material for his information, and may administer oaths or take acknowledgement in respect of any book, record, paper or memorandum. The Attorney General shall serve notice of the time, place and cause of such examination or attendance at least 10 days prior to the date of such examination. [1969, c. 577, §1 (NEW).]

- 1. Service. Service of any such notice may be made by:
- A. Delivering a duly executed copy thereof to the person to be served or to a partner or to any officer or agent authorized by appointment or by law to receive service of process on behalf of such person; [1969, c. 577, §1 (NEW).]
- B. Delivering a duly executed copy thereof to the principal place of business in this State of the person to be served; or [1969, c. 577, §1 (NEW).]
- C. Mailing by registered or certified mail a duly executed copy thereof addressed to the person to be served at the principal place of business in this State or, if said person has no place of business in this State, to his principal office or place of business. [1969, c. 577, §1 (NEW).]

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[ 1969, c. 577, §1 (NEW) .]
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2. Contents. Each such notice shall:

- A. State the time and place for taking the examination and the name and address of each person to be examined, if known, and, if the name is not known, a general description sufficient to identify him or the particular class or group to which he belongs; [1969, c. 577, §1 (NEW).]
- B. State the statute and section thereof, the alleged violation of which is under investigation, and the general subject matter of the investigation; [1969, c. 577, §1 (NEW).]
- C. Describe the class or classes of documentary material to be produced thereunder with reasonable specificity so as fairly to indicate the material demand; [1969, c. 577, §1 (NEW).]
- D. Prescribe a return date within which the documentary material is to be produced; and [1969, c. 577, §1 (NEW).]
- E. Identify the members of the Attorney General's staff to whom such documentary material is to be made available for inspection and copying. [1969, c. 577, §1 (NEW).]

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[ 1969, c. 577, §1 (NEW) .]
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3. **Exceptions.** No such notice shall:

- A. Contain any requirement which would be unreasonable or improper if contained in a subpoena duces tecum issued by a court of this State; or [1969, c. 577, §1 (NEW).]
- B. Require the disclosure of any documentary material that would be privileged or that for any other reason would not be required by a subpoena duces tecum issued by a court of this State. [2001, c. 370, §1 (AMD).]

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[ 2001, c. 370, §1 (AMD) .]
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4. Disclosure of documentary material. Documentary material demanded pursuant to this section must be produced for inspection, reproduction and copying during normal business hours at the principal office or place of business of the person served, in the county where that person resides or has a place of business, in Kennebec County if the person served is a nonresident or has no place of business within the State or at such other times and places as may be agreed upon by the person served and the Attorney General. Any book, record, paper, memorandum or other information produced by any person pursuant to this section, unless otherwise ordered by a court of this State for good cause shown, may not be disclosed to any person other than the authorized agent or representative of the Attorney General unless with the consent of the person producing the same, except that such material or information may be disclosed by the Attorney General in court pleadings or other papers filed in court.

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[ 2001, c. 370, §2 (NEW) .]
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5. Motion for additional time, to modify or set aside or grant protective order. At any time prior to the date specified in the notice or within 21 days after the notice has been served, whichever period is shorter, the court upon motion for good cause shown may extend that reporting date or modify or set aside that demand or grant a protective order in accordance with the standards set forth in the Maine Rules of

Civil Procedure, Rule 26(c). The motion may be filed in the Superior Court of the county in which the person served resides or has a usual place of business or in Kennebec County.

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[ 2001, c. 370, §2 (NEW) .]
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6. Information not to be used in criminal proceeding. A person is not excused from attending and testifying or from producing documentary material in compliance with this section on the ground or for the reason that the testimony or other information, documentary or otherwise, may tend to incriminate that person or subject that person to a penalty or forfeiture. Testimony and other information obtained under the authority of this section and information directly or indirectly derived from such testimony or other information may not be used against a natural person who has testified or produced information under oath in compliance with this section in any criminal case except a prosecution for perjury, giving a false statement or otherwise failing to comply with a notice served upon that person under this section.

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[ 2001, c. 370, §2 (NEW) .]
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7. Cost of court reporter. At the request of the person under investigation or that person's attorney, any testimony taken pursuant to a demand or notice under this section must be recorded on a recording device or taken before a court reporter authorized to serve as such under the laws of the State. Upon request of either party, all such testimony taken or recorded must be transcribed by an authorized court reporter, and in that case the original transcript of that testimony must be preserved by the Attorney General. The cost of the taking or recording and transcription must be paid by the State. In the event the Attorney General or some other party obtains judgment against the party whose testimony is taken for a violation of section 207, the cost of the court reporter or recording and transcription may be recovered by the State in such a judgment.

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[ 2001, c. 370, §2 (NEW) .]
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8. **Authority not applicable in criminal proceedings.** This section is not applicable to any criminal proceeding brought under the laws of this State.

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[ 2001, c. 370, §2 (NEW) .]

SECTION HISTORY
1969, c. 577, §1 (NEW). 1973, c. 334, (AMD). 1973, c. 648, (AMD).
1975, c. 529, (AMD). 2001, c. 370, §§1-5 (AMD).
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5 §212. PENALTIES

A person upon whom a notice is served pursuant to section 211 shall comply with the terms thereof unless otherwise provided by the order of a court of this State. Any person who fails to appear, or with intent to avoid, evade or prevent compliance, in whole or in part, with any civil investigation under this section, removes from any place, conceals, withholds or destroys, mutilates, alters or by any other means falsifies any documentary material in the possession, custody or control of any person subject of any such notice, or knowingly conceals any relevant information, shall be subject to a civil penalty of not more than \$5,000 payable to the State to be recovered in a civil action. [1977, c. 696, §35 (AMD).]

Whenever any person fails to comply with any notice served upon him under section 211, or whenever satisfactory copying or reproduction of any such material cannot be done and such person refuses to surrender such material, the Attorney General may file, in the Superior Court of the county in which such person resides or has his principal place of business or of Kennebec County, if such person is a nonresident or has no principal place of business in this State, and serve upon such person or in the same manner as provided in section 211 a petition for an order of such court for the enforcement of this section. Any disobedience of any final order entered under this section by any court shall be punished as a contempt thereof. [1969, c. 577, §1 (NEW).]

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1969, c. 577, §1 (NEW). 1977, c. 696, §35 (AMD).
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5 §213. PRIVATE REMEDIES

1. Court action. Any person who purchases or leases goods, services or property, real or personal, primarily for personal, family or household purposes and thereby suffers any loss of money or property, real or personal, as a result of the use or employment by another person of a method, act or practice declared unlawful by section 207 or by any rule or regulation issued under section 207, subsection 2 may bring an action either in the Superior Court or District Court for actual damages, restitution and for such other equitable relief, including an injunction, as the court determines to be necessary and proper. There is a right to trial by jury in any action brought in Superior Court under this section.

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[ 1991, c. 536, §1 (AMD) .]
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1-A. Settlement offer. At least 30 days prior to the filing of an action for damages, a written demand for relief, identifying the claimant and reasonably describing the unfair and deceptive act or practice relied upon and the injuries suffered, must be mailed or delivered to any prospective respondent at the respondent's last known address. A person receiving a demand for relief, or otherwise a party to any litigation arising from the claim that is the subject of the court action, may make a written tender of settlement or, if a court action has been filed, an offer of judgment. If the judgment obtained in court by a claimant is not more favorable than any rejected tender of settlement or offer of judgment, the claimant may not recover attorney's fees or costs incurred after the more favorable tender of settlement or offer of judgment.

The demand requirement of this subsection does not apply if the claim is asserted by way of counterclaim or cross claim.

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[ 1991, c. 536, §2 (NEW); 1991, c. 536, §3 (AFF) .]
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2. Fees and costs. If the court finds, in any action commenced under this section that there has been a violation of section 207, the petitioner shall, in addition to other relief provided for by this section and irrespective of the amount in controversy, be awarded reasonable attorney's fees and costs incurred in connection with said action.

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[ 1973, c. 251, (NEW) .]
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3. Notices to Attorney General. Upon commencement of any action brought under subsection 1, the clerk of courts shall mail a copy of the complaint or other initial pleading to the Attorney General and upon entry of any judgment or decree in the action, shall mail a copy of such judgment or decree to the Attorney General.

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[ 1973, c. 251, (NEW) .]
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4. Injunction as evidence. Any permanent injunction or order of the court issued under section 209 shall be prima facie evidence in an action brought under subsection 1 that the respondent used or employed an unfair or deceptive method, act or practice declared unlawful under section 207.

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[ 1973, c. 251, (NEW) .]

SECTION HISTORY
1973, c. 251, (NEW). 1973, c. 788, §13 (AMD). 1979, c. 451, (AMD).
1983, c. 29, §2 (AMD). 1991, c. 536, §§1,2 (AMD). 1991, c. 536, §3 (AFF).
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5 §214. WAIVER; PUBLIC POLICY

Text current through December 31, 2009

Any waiver by a consumer of the provisions of this chapter is contrary to public policy and shall be unenforceable and void. [1973, c. 321, (NEW).]

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SECTION HISTORY 1973, c. 321, (NEW).
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