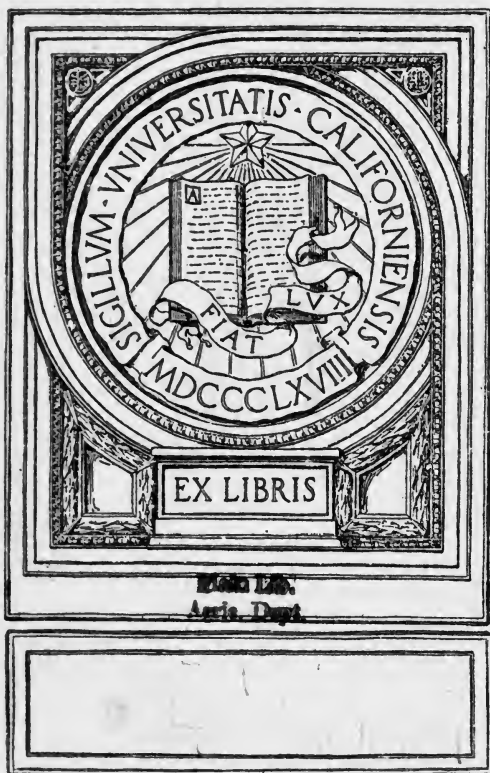


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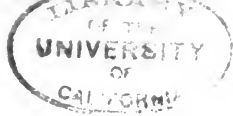
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Issued December 20, 1912.

United States Department of Agriculture,

BUREAU OF CHEMISTRY—Circular No. 16, Revised.

R. E. DOOLITTLE, Acting Chief of Bureau.

OFFICIALS CHARGED WITH THE ENFORCEMENT OF FOOD LAWS IN THE UNITED STATES AND CANADA.

[Revised to July 1, 1912.]

INTRODUCTION.

The widespread interest in food legislation during the last few years has led to the recent enactment of laws in a number of States where such legislation had not previously existed, and to the enforcement in other States of earlier legislation for which no appropriations had previously been made. As a result, an increasingly large number of inquiries are received for the addresses of officials charged with the enforcement of the laws in different States and the names of chemists and other officers engaged in various capacities in the same work. It is to meet this want that the present circular is issued.

At the present time a serious attempt is made in 44 States and in Hawaii, the Philippine Islands, and Porto Rico to enforce more or less extensive regulations relating to the purity and wholesomeness of food. The growing interest in this matter is well illustrated by a comparison of these figures with those of 1905 when, in addition to Hawaii and Porto Rico, only 25 States really enforced food laws. These numbers do not include the States in which laws have been enacted without appropriations for their enforcement. In addition to the Territory of Alaska, which comes within the provisions of the Federal food and drugs act, there are only two States which have not enacted special laws regulating the manufacture and sale of adulterated and misbranded food and only three States in which appropriations have not been made for the enforcement of their laws. The funds appropriated by the several States for the enforcement of the food laws are increasing, which fact results in a larger corps of employees and more efficient inspection.

The information in the succeeding pages was obtained from replies to a circular letter sent to the authorities charged with the enforcement of the laws in the several States. The list of municipal chemists was compiled from replies to a circular letter sent to the boards of health of cities having a population of 30,000 and over. If this information is incomplete or in any respect erroneous, corrections are requested from any who notice such defects, in order that future editions may be free from such inaccuracies.

Acknowledgments of data furnished for this circular are made to Mr. Theodore L. Cole, Washington, D. C., and to the food commissioners of the various States. The collection of the data and their compilation are the work of Miss N. A. Parkinson, of the Division of Foods.

W. D. BIGELOW,
Chief, Division of Foods.

Approved.

JAMES WILSON,

Secretary of Agriculture.

WASHINGTON, D. C., August 22, 1912.

56601—Cir. 16—12—1

ENFORCEMENT OF FEDERAL LAWS.

The United States laws relating to the food supply are enforced by the Department of Agriculture and the Treasury Department, and the Secretaries of these two departments, together with the Secretary of Commerce and Labor, are empowered to make uniform rules and regulations for carrying out the provisions of the food and drugs act. Appointments of officials for this service are made from an eligible list established upon examination by the United States Civil Service Commission, and are permanent. These laws are enforced in the several bureaus of the two departments as follows:

DEPARTMENT OF AGRICULTURE.

BOARD OF FOOD AND DRUG INSPECTION.

The board of food and drug inspection, appointed by the Secretary of Agriculture and reporting to him, is charged with the administration of the food and drugs act of June 30, 1906. The personnel of the board is as follows: R. E. Doolittle and A. S. Mitchell.

BUREAU OF CHEMISTRY.

The Bureau of Chemistry is charged with the preparation of the data on which the execution of the food and drugs act is based, including the collection of samples and the examination of the same. This act forbids the manufacture and sale of adulterated or misbranded foods and drugs in the District of Columbia and the Territories, their importation into the United States, their exportation from the United States (unless the substance conforms to the laws of the foreign country to which shipped), and their shipment and delivery for shipment in interstate commerce.

The officials of the bureau conducting this work are as follows:

Food officials, Bureau of Chemistry.

Title.	Name.	Post-office address.
Chief of Bureau.....		Department of Agriculture, Washington, D. C.
Associate Chemist.....	R. E. Doolittle.....	Do.
Chief of Division of Foods.....	W. D. Bigelow.....	Do.
Chief of Washington Food Inspection Laboratory.....	L. M. Tolman.....	Do.
Chief Food and Drug Inspector.....	W. G. Campbell..	Do.
Chief of Drug Division.....	L. F. Kebler.....	Do.
Chief of Washington Drug Inspection Laboratory.....	G. W. Hoover.....	Do.
Chief of Miscellaneous Division.....	J. K. Haywood....	Do.
Chief of Dairy Laboratory.....	G. E. Patrick.....	Do.
Chief of Boston laboratory.....	A. L. Sullivan.....	Appraiser's Stores, Boston, Mass.
Chief of Buffalo laboratory.....	W. L. Dubois.....	Federal Building, Buffalo, N. Y.
Chief of Chicago laboratory.....	A. L. Winton.....	1607 Transportation Building, Chicago, Ill.
Chief of Cincinnati laboratory.....	B. R. Hart.....	411 Government Building, Cincinnati, Ohio.
Chief of Denver laboratory.....	R. S. Hiltner.....	Tabor Opera House Building, Denver, Colo.
Chief of Detroit laboratory.....	H. L. Schulz.....	Telegraph Building, Detroit, Mich.
Acting Chief of Galveston laboratory.....		Old Customhouse, Galveston, Tex.
Acting Chief of Honolulu laboratory.....	A. W. Hansen.....	Free Dispensary Building, Honolulu, Hawaii.
Chief of Kansas City laboratory.....	F. W. Liepsner.....	Government Building, Kansas City, Mo.
Chief of Nashville laboratory.....	R. W. Balcom.....	Customhouse, Nashville, Tenn.
Chief of New Orleans laboratory.....	W. J. McGee.....	Customhouse, New Orleans, La.
Chief of New York laboratory.....		Appraiser's Stores, New York, N. Y.
Chief of Omaha laboratory.....	S. H. Ross.....	Post Office Building, Omaha, Nebr.
Chief of Philadelphia laboratory.....	C. S. Brinton.....	Appraiser's Stores, Philadelphia, Pa.
Chief of Pittsburgh laboratory.....	M. C. Albrech.....	Park Building, Pittsburgh, Pa.
Chief of Portland laboratory.....	A. L. Knisely.....	Worcester Building, Portland, Oreg.
Chief of St. Louis laboratory.....	D. B. Bisbee.....	Wright Building, St. Louis, Mo.
Chief of St. Paul laboratory.....	A. S. Mitchell.....	Old Capitol Building, St. Paul, Minn.
Chief of San Francisco laboratory.....	H. M. Loomis.....	Appraiser's Stores, San Francisco, Cal.
Acting Chief of San Juan laboratory.....	A. E. Taylor.....	Customhouse, San Juan, P. R.
Chief of Savannah laboratory.....	W. C. Burnet.....	Customhouse, Savannah, Ga.
Chief of Seattle laboratory.....	R. W. Hiltz.....	Arcade Annex Building, Seattle, Wash.

COMMISSIONED STATE OFFICIALS AND COLLABORATING CHEMISTS.

The food and drugs act states in section 5 that violations of the law may also be brought to the attention of the district attorney by the health or food or drug officer of any State, Territory, or the District of Columbia. In section 4, however, it is pro-

vided that the examination of specimens of foods or drugs shall be made in the Bureau of Chemistry or under its direction and supervision. For the purpose of better enforcing these provisions of the law State officials have been commissioned by the Secretary of Agriculture in the States enforcing food laws and authorized to take samples of foods and drugs according to the regulations of the United States Department of Agriculture, to procure the analysis of such samples from collaborating chemists (who are commissioned to work in the several States in collaboration with the Bureau of Chemistry), and to transmit the cases to the Secretary of Agriculture with such other information as may be necessary to provide a basis for prosecution. The names of the commissioned officials and collaborating chemists in the various States and in the District of Columbia are as follows:

State officials authorized to collect samples under the food and drugs act.

Name.	State.	Name.	State.
Abbott, J. S.	Texas.	Holton, Henry D.	Vermont.
Bailey, J. W.	Oregon.	Huson, Calvin J.	New York.
Barnard, H. E.	Indiana.	Jones, Alfred H.	Illinois.
Barney, W. B.	Iowa.	Jones, W. J., jr.	Indiana.
Bradley, Geo. T.	Colorado.	Keator, Bruce S.	New Jersey.
Brown, Lucius P.	Tennessee.	Kolb, R. F.	Alabama.
Caspari, Chas., jr.	Maryland.	Ladd, E. F.	North Dakota.
Conner, J. J.	Georgia.	Lippitt, W. F.	Porto Rico.
Cook, Alfred N.	South Dakota.	McKae, W. A.	Florida.
Crumbine, S. J.	Kansas.	Potter, H. F.	Connecticut.
Cutler, Wm. P.	Missouri.	Regensburger, Martin.	California.
Dame, Gilman M.	Michigan.	Runyon, J. P.	Arkansas.
Davies, L.	Washington.	Saunders, Wm. D.	Virginia.
De Barr, Edwin.	Oklahoma.	Strode, S. E.	Ohio.
Dinsmore, Sanford C.	Nevada.	Tuttle, T. D.	Montana.
Dowling, Oscar.	Louisiana.	Wallis, James H.	Idaho.
Emery, J. Q.	Wisconsin.	Watson, Irving A.	New Hampshire.
Foust, James.	Pennsylvania.	Wilson, Robt., jr.	South Carolina.
Graham, W. A.	North Carolina.	Winkjer, Joel G.	Minnesota.
Groshon, Maurice.	Wyoming.	Woods, Charles D.	Maine.
Hansen, Niels P.	Nebraska.	Woodward, Wm. C.	District of Columbia.
Hansen, Willard.	Utah.	Youngblood, B.	Texas.

State chemists appointed to collaborate with the Bureau of Chemistry under the food and drugs act.

Name.	State.	Name.	State.
Allen, W. M.	North Carolina.	Hortvet, Julius.	Minnesota.
Bailey, E. H. S.	Kansas.	Howard, C. D.	New Hampshire.
Baker, E. L.	New York.	La Bach, J. O.	Kentucky.
Barnard, H. E.	Indiana.	Ladd, E. F.	North Dakota.
Bartlett, James M.	Maine.	Lynch, R. L.	District of Columbia.
Bradbury, C. M.	Virginia.	Lythgoe, H. C.	Massachusetts.
Brown, Lucius P.	Tennessee.	McPherson, William.	Ohio.
Bryan, Thomas J.	Illinois.	Mason, Claude D.	Idaho.
Chittick, J. R.	Iowa.	Moudy, Ross B.	Wyoming.
Cobleigh, W. M.	Montana.	Penniman, W. B. D.	Maryland.
Colby, George E.	California.	Pozen, Morris A.	District of Columbia.
De Barr, Edwin.	Oklahoma.	Redfern, E. L.	Nebraska.
Dieter, Louis V.	District of Columbia.	Ross, B. B.	Alabama.
Dinsmore, Sanford C.	Nevada.	Sarraga, Rafael del Valle.	Porto Rico.
Eckley, John B.	Colorado.	Shannon, Fern L.	Michigan.
Fischer, Richard.	Wisconsin.	Shepard, James H.	South Dakota.
Fitz, L. A.	Kansas.	Stallings, R. E.	Georgia.
Fitz Randolph, Raymond B.	New Jersey.	Street, John P.	Connecticut.
Frary, Guy G.	South Dakota.	Taylor, Geo. B.	Louisiana.
Frear, Wm.	Pennsylvania.	Thomson, H. L.	Vermont.
Fulmer, Elton.	Washington.	Tilson, P. S.	Texas.
Harms, Herman.	Utah.	Trowbridge, P. F.	Missouri.
Henry, A. M.	Florida.	Watson, Herbert J.	Delaware.
Hoffman, C. H.	Arkansas.	Wells, A. S.	Oregon.
		Wheeler, E. J.	New York.

BUREAU OF ANIMAL INDUSTRY.

The work of the Bureau of Animal Industry relating to the supervision of food products is carried on under that portion of the agricultural appropriation act of June 30, 1906, commonly known as the "meat-inspection amendment," which provides for the inspection of cattle, sheep, swine, and goats slaughtered for human consumption and of the carcasses and meat food products thereof which are intended for export or which are the subjects of interstate commerce, and for the sanitation of establishments at which inspection is maintained; also under that portion of the act approved May 9, 1902, which provides for the sanitary inspection of all renovated or process butter factories, their products, and the materials going into the same, and for the marking of the product for identification on the market; and under the several appropriation acts which authorize the Secretary of Agriculture to construe the provisions of the act of March 3, 1891, as amended March 2, 1895, "to include process or renovated butter intended for exportation to any foreign country."

The officials of the bureau directing this work are as follows:

Food officials, Bureau of Animal Industry.

Title.	Name.	Post-office address.
Chief of Bureau.....	A. D. Melvin.....	Department of Agriculture, Washington, D. C.
Chief of Inspection Division.....	R. P. Steddom.....	Do.
Chief of Dairy Division.....	B. H. Rawl.....	Do.
Chief of Biochemic Division.....	M. Dorset.....	Do.

TREASURY DEPARTMENT.

BUREAU OF INTERNAL REVENUE.

The Treasury Department, through the Bureau of Internal Revenue, is charged with the enforcement of certain fiscal laws and regulations which have to do with the purity of foods. These are as follows: The act of August 2, 1886, amended by the act of May 9, 1902, taxing oleomargarin, renovated butter,¹ and adulterated butter; the act of June 6, 1896, taxing filled cheese; the act of June 13, 1898, taxing mixed flour; the act of October 1, 1890, allowing the use, free of tax, of grape brandy in the fortification of pure sweet wines; and the act of March 3, 1897, allowing the bottling of distilled spirits in bond.

The officials in charge of this work are as follows:

Food officials, Bureau of Internal Revenue.

Title.	Name.	Post-office address.
Commissioner of Internal Revenue....	Royal E. Cabell....	Treasury Department, Washington, D. C.
Chief Chemist.....	A. B. Adams.....	Do.
Chief, Division of Distilled Spirits.....	S. L. Stephenson.....	Do.
Chief, Division of Assessments.....	W. Hubbard.....	Do.
Chief, Division of Oleomargarin.....	B. C. Keith.....	Do.
Chemist.....	W. V. Linder.....	Do.
Assistant Chemist.....	J. M. Doran.....	Do.
Do.....	H. L. Thompson....	Do.
Do.....	Peter Valaer.....	Do.
Do.....	E. F. Deysher.....	Do.

¹ The sections referring to renovated butter are administered in collaboration with the Department of Agriculture.

ALABAMA.

COMMISSIONER OF AGRICULTURE AND INDUSTRIES.

Food work inaugurated 1909; monthly reports; food and drug laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected by the people for a term of four years, his present term expiring January 16, 1915. All other appointments are made by the commissioner for a term of four years and are subject to termination at his pleasure.

Food-law officials, State of Alabama.

Title.	Name.	Post-office address.
Commissioner of agriculture and industries.....	R. F. Kolb.....	Montgomery.
Chief food, drug, and feed clerk.....	C. H. Billingsley.....	Do.
State chemist.....	B. B. Ross.....	Auburn.
Drug inspector.....	R. M. Martin.....	Montgomery.
Feed sampler.....	E. C. Jackson.....	Opelika.
Do.....	W. M. Seldon.....	Birmingham.
Do.....	A. T. Goodwyn.....	Elmore.

ALASKA.

No provision is made for the enforcement of food laws, except in so far as the Federal food and drugs act has effect.

ARIZONA.

A food law has recently been enacted, but the personnel for its enforcement has not yet been appointed.

ARKANSAS.

Food law enacted May 28, 1907, amended 1909; empowers the State treasurer, commissioner of agriculture, mines, and manufactures, and secretary of state to make rules for its enforcement, and the commissioner of health to do analytical work. Law inoperative, owing to lack of appropriation.

Food-law officials, State of Arkansas.

Title.	Name.	Post-office address.
Commissioner of mines, manufactures, and agriculture.	Clay Sloan.....	Little Rock.
Deputy.....	Robt. M. Hutchins....	Do.
President State board of health.....	Joseph P. Runyon....	Do.
Secretary State board of health.....	Morgan Smith.....	Do.

CALIFORNIA.

BOARD OF HEALTH.

Established 1872; food work inaugurated January 1, 1908; reports made to governor biennially, even year; reports made by director of food laboratory to board annually; food and drug laws enforced.

ORGANIZATION OF BOARD.

The board is composed of seven members, appointed by the governor every four years and confirmed by the senate. Term of the present board expires March 29, 1913. Director and assistant director of pure-food laboratory and other assistants are appointed by the board.

Food-law officials, board of health, State of California.

Title.	Name.	Post-office address.
President.....	Martin Regensburger.	San Francisco.
Vice president.....	W. LeMoyne Wills.	Los Angeles.
Secretary.....	Wm. F. Snow.....	Sacramento.
Director of food and drug laboratory.....	M. E. Jaffa.....	University of California, Berkeley.
Assistant to director.....	A. R. Mehrrens.....	480 Forty-first Street, Oakland.
Chemist.....	E. J. Lea.....	University of California, Berkeley
Do.....	Guy R. Stewart.....	Do.
Food inspector.....	M. O. Alexander.....	1920 California Street, San Francisco.
Do.....	Frank Oakley.....	207 New High Street, Los Angeles.
Do.....	H. R. Robbins.....	755 Clayton Street, San Francisco.
Food and drug inspector.....	W. H. Gourley.....	University of California, Berkeley.

DAIRY BUREAU.

Established 1897; biennial report, even year; charged with enforcement of dairy law.

ORGANIZATION OF OFFICIAL FORCE.

The bureau is composed of three members, appointed by the governor for a term of four years or until successors are appointed and qualified. Mr. Freitas was appointed July 1, 1908, and Messrs. Murphy and Nissen July 1, 1909. The chemist and other officers are appointed by the bureau.

Food-law officials, dairy bureau, State of California.

Title.	Name.	Post-office address.
Commissioner.....	M. T. Freitas.....	16 California Street, San Francisco.
Do.....	J. R. Murphy.....	Box 917, Fresno.
Do.....	E. P. Nissen.....	Ferndale.
Secretary.....	F. W. Andreasen.....	16 California Street, San Francisco.
Chemist.....	Chester F. Hoyt.....	Do.
Inspector.....	J. S. Canham.....	255 Mariposa Avenue, Fresno.
Do.....	W. H. Perrott.....	Loleta.
Do.....	H. Rodgers.....	El Centro.
Do.....	A. V. DeBorba.....	Novato.
Do.....	J. A. Butler.....	16 California Street, San Francisco.
Do.....	James Smith.....	680 Sixty-second Street, Oakland.
Do.....	Samuel E. Watson.....	1611 Walnut Street, Alameda.
Do.....	George Gordon.....	Hanford.
Do.....	C. A. Starkweather.....	1817 Eldorado Street, Fresno.
Do.....	C. A. Peairs.....	Tulare.
Do.....	Dick Lipscomb.....	Visalia.
Do.....	Ray Hason.....	Buena Park.
Do.....	I. W. Parks.....	City Hall, San Diego.

COLORADO.

STATE BOARD OF HEALTH.

Food law effective January 1, 1908; State board of health charged with its enforcement; quarterly bulletins, also biennial reports, even year.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the State board of health; the terms of the president, secretary, and food commissioner expire in 1913. All appointments are subject to termination at the pleasure of the board.

Food-law officials, board of health, State of Colorado.

Title.	Name.	Post-office address.
President	Sherman Williams.....	Denver.
Secretary.....	Paul S. Hunter.....	Do.
Food and drug commissioner.....	George T. Bradley.....	Do.
Chemist.....	J. B. Eckley.....	University of Colorado, Boulder.
Food and sanitary inspector.....	Fred Long.....	Room 14, State Capitol, Denver.
Do.....	George P. Burris.....	2115 Elizabeth Street, Pueblo.
Do.....	Alan B. Bowen.....	Room 14, State Capitol, Denver.
Do.....	W. C. K. Berlin.....	Symes Building, Denver.
Drug and sanitary inspector.....	Charles M. Ford.....	Room 14, Statehouse, Denver.

STATE DAIRY COMMISSION.

Office created April, 1885; present law enacted June 5, 1911; biennial report published in even year; administers law relating to butter and cheese.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner was reappointed by the governor September 7, 1911, for a term of two years.

Officials, dairy commissioner's office, State of Colorado.

Title.	Name.	Post-office address.
State dairy commissioner.....	Robert L. Cochran.....	Denver.
Deputy dairy commissioner.....	Frank P. Sheafor.....	Do.

CONNECTICUT.

DAIRY AND FOOD COMMISSIONER AND STATE AGRICULTURAL EXPERIMENT STATION.

The dairy and food commissioner's department is charged with the enforcement of law against violators, and the commissioner can take samples of food or drugs wherever he or his deputy thinks it advisable. The Connecticut Agricultural Experiment Station at New Haven is charged with the chemical work in connection with the enforcement of the law, the examination of foods, and publication of results. The station is authorized to take samples of food wherever the director thinks it advisable. The experiment station was established in 1877. The commissioner was first appointed as dairy commissioner in 1886. Food inspection began with the enactment of the present food law in 1895, although much work was done by the experiment station in the investigation of foods before that time. A new food and drug law passed by the general assembly went into effect January 1, 1903. At the 1909 session of the legislature the office of dairy commissioner was changed to that of dairy and food commissioner. The dairy and food commissioner issues a biennial (even year) and the experiment station an annual report to the governor.

ORGANIZATION OF OFFICIAL FORCE.

The dairy and food commissioner is appointed by the governor, the deputy commissioner by the commissioner, both for a term of four years, which will expire May 1, 1914. The members of the experiment station staff are appointed for an unlimited period by the board of control.

Food-law officials, State of Connecticut.

Title.	Name.	Post-office address.
Dairy and food commission:		
Dairy and food commissioner.....	H. F. Potter.....	Capitol, Hartford.
Deputy dairy and food commissioner.....	Tyler Cruttenden.....	Do.
Experiment station:		
Director and treasurer.....	E. H. Jenkins.....	Agricultural Experiment Station, New Haven.
Chemist in charge.....	J. P. Street.....	Drawer No. 1, New Haven.
Assistant chemist.....	E. Monroe Bailey.....	Do.
Dairy and food inspector.....	Geo. T. Fowler.....	Branford.
Dairy inspector.....	Wm. J. Warner.....	Gilead.

DELAWARE.

STATE BOARD OF HEALTH.

Food law effective October 1, 1907; State board of health charged with enforcement of food laws, but no special appropriation for that purpose; no published reports.

Food-law officials, State of Delaware.

Title.	Name.	Post-office address.
President.....	Wm. P. Orr, jr.....	Lewes.
Secretary and executive officer.....	A. E. Frantz.....	Wilmington.
Chemist.....	H. J. Watson.....	Newark.

DISTRICT OF COLUMBIA.

HEALTH DEPARTMENT.

Established 1818; food work inaugurated 1871; annual report; enforces the following acts: An act to regulate the sale of milk in the District of Columbia, and for other purposes, approved March 2, 1895; an act relating to the adulteration of foods and drugs in the District of Columbia, approved February 17, 1898; an act to prevent the adulteration of candy in the District of Columbia, approved March 5, 1898; regulations of the former board of health, legalized by Congress by joint resolution, legalizing the health ordinances and regulations of the District of Columbia, approved April 24, 1880, and by the act of August 7, 1894; regulations made by the commissioners of the District of Columbia; the Federal food and drugs act, June 30, 1906.

ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the commissioners and are of indefinite duration.

Food-law officials, District of Columbia.

Title.	Name.	Address.
Health officer.....	Wm. C. Woodward...	Health department, District of Columbia.
Assistant health officer.....	John L. Norris.....	Do.
Chief clerk and deputy health officer.....	Harry C. McLean.....	Do.
Chief food inspector.....	Hulbert Young.....	Do.
Sanitary and food inspector, who shall be a chemist.....	R. L. Lynch.....	Do.
Sanitary and food inspector (detailed to assist chemist).	M. A. Pozen.....	Do.
Bacteriologist (detailed to assist chemist).....	J. J. Kinyoun.....	Do.
Sanitary and food inspector (detailed to assist the bacteriologist).	L. V. Dieter.....	Do.
Sanitary and food inspector.....	W. B. Dodge.....	Do.
Do.....	R. A. Guerrant.....	Do.
Do.....	J. C. Haley.....	Do.
Do.....	H. S. Lucas.....	Do.
Do.....	H. J. Mulligan.....	Do.
Dairy and dairy-farm inspector.....	C. C. Staub.....	Do.
Sanitary and food inspector.....	R. S. Wilson.....	Do.
Dairy and dairy-farm inspector (veterinary).....	R. R. Ashworth.....	Do.
Do.....	H. S. Drake.....	Do.
Do.....	J. R. Grime.....	Do.
Do.....	C. M. Grubb.....	Do.
Do.....	J. Rome.....	Do.
Inspector of live-stock and dairy farms.....	J. P. Turner.....	Do.

FLORIDA.

DEPARTMENT OF AGRICULTURE.

Department established 1889; the food law became effective September 1, 1907; amended July 3, 1911; annual report made to governor by State chemist.

The commissioner of agriculture is elected for a term of four years, his present term expiring January, 1913. The State chemist is appointed for a term of four years, his present term expiring July, 1913.

Food-law officials, State of Florida.

Title.	Name.	Post-office address.
Commissioner of agriculture.....	W. A. McRae.....	Tallahassee.
Chemist.....	R. E. Rose.....	Do.
Assistant chemist.....	A. M. Henry.....	Do.
Inspector.....	A. P. Jordan.....	Punta Gorda.
Do.....	Marcus Endel.....	2112 Main Street, Jacksonville.

GEORGIA.

DEPARTMENT OF AGRICULTURE.

Organized in 1875; food law became effective August 1, 1907; annual reports made to governor; analyses of samples made by the State chemist.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected for a term of two years, his present term expiring June 20, 1913. Inspectors and chemists are appointed by the commissioner of agriculture by and with the advice and consent of the State chemist. The State chemist is also empowered to appoint such assistants and experts in his office as may be required, by and with the advice and consent of the commissioner of agriculture.

Food-law officials, State of Georgia.

Title.	Name.	Post-office address.
Commissioner of agriculture.....	J. J. Conner.....	Atlanta.
State chemist.....	R. E. Stallings.....	130 State capitol, Atlanta.
Assistant chemist.....	L. W. Bradley.....	Do.
Do.....	Woodward Allen.....	Do.
Do.....	C. R. Clark.....	Do.
Do.....	R. C. Holtzclaw.....	Do.
Do.....	A. G. Nickles.....	Do.
Do.....	S. H. Wilson.....	Do.
Do.....	J. J. Taylor.....	Do.
State drug inspector.....	T. A. Cheatham.....	Do.
Food inspector.....	P. A. Methvin.....	Do.

HAWAII.

FOOD COMMISSIONER.

Office created May, 1898; inspection begun August, 1898; a detailed monthly report is made to the president of the board of health; a summary of the food commissioner's work forms a part of the annual report of the president of the board of health to the governor of the Territory; general food and drug laws of the Territory enforced.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the Territorial board of health, Honolulu, and are for no definite period of time.

Food-law officials, Territory of Hawaii.

Title.	Name.	Post-office address.
Food commissioner and analyst.....	Edw. B. Blanchard...	Honolulu.
Assistant food commissioner and analyst.....	H. Myhre.....	Do.

IDAHO.

STATE BOARD OF HEALTH.

Dairy, food, and oil commission abolished and duties previously performed by it transferred to State board of health March 15, 1909; biennial reports, even year, also bulletins; dairy, food, and drug laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The inspectors and chemist are appointed by the board for two years, their present terms expiring in 1913.

Food-law officials, State of Idaho.

Title.	Name.	Post-office address.
Dairy, food, and sanitary inspector.....	James H. Wallis.....	Boise.
Deputy dairy, food, and sanitary inspector.....	M. W. Smith.....	Do.
Do.....	M. S. Parker.....	Do.
Do.....	John K. White.....	Do.
Chairman, board of health.....	Geo. E. Hyde.....	Rexburg.
Secretary, board of health.....	Ralph Falk.....	Boise.
Chemist.....	Claude D. Mason.....	Do.

ILLINOIS.

STATE FOOD COMMISSION.

Created 1899; annual report; administers all dairy and food laws.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of four years, his present term expiring in 1912. All other appointments are made under civil service regulations.

Food-law officials, State of Illinois.

Title.	Name.	Post-office address.
State food commissioner.....	Alfred H. Jones.....	1627 Manhattan Building, Chicago.
Assistant food commissioner.....	John B. Newman.....	Do.
Attorney.....	Charles F. McKinley.....	Do.
State analyst.....	T. J. Bryan.....	1605 Manhattan Building, Chicago.
Bacteriologist.....	Louis J. Tint.....	Do.
Assistant chemist.....	Lucy F. Doggett.....	Do.
Do.....	A. N. Bennett.....	Do.
Do.....	William M. Brinsmaid.....	Do.
Do.....	D. T. Gunning.....	Do.
Do.....	William H. Harrison.....	Do.
Do.....	W. H. Breuning.....	Do.
Do.....	Paul W. Rothenberg.....	Do.
Do.....	B. H. Harrison.....	Do.

Food-law officials, State of Illinois—Continued.

Title.	Name.	Post-office address.
Analytical chemist.....	Joseph E. Schoen.....	1605 Manhattan Building, Chicago.
Food inspector.....	Frank J. Hoey.....	1615 Manhattan Building, Chicago.
Do.....	Harrison Kennicott.....	Do.
Do.....	Oscar J. Lindstrom.....	Do.
Do.....	Ernest Wiedel.....	Do.
Do.....	Benj. C. Hobson.....	Do.
Do.....	Chas. H. Kjellquist.....	Rockford.
Do.....	Harry G. Rodenberg.....	East St. Louis.
Do.....	A. R. Lewis.....	Morrison.
Do.....	Antone Spaeth.....	Mount Carmel.
Do.....	Alex. Peterson.....	Knoxville.
Do.....	R. T. Johnston.....	Sandwich.
Do.....	James H. Loy.....	Efingham.
Stock food inspector.....	Alfred Anderson.....	5200 Fifth Avenue, Chicago.
Do.....	Wm. H. Durant.....	3157 Washington Boulevard, Chicago.
Do.....	James McGrew.....	Box 345, Kankakee.
Do.....	Paul E. Polzin.....	3812 Indiana Avenue, Chi- cago.
Do.....	Chas. Wandrack.....	Woodstock.
Do.....	John N. Winters.....	White Hall.

INDIANA.

STATE BOARD OF HEALTH.

Food work inaugurated August 1, 1905. New food and drug law in force March 4, 1907; annual report to governor and monthly bulletins.

ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health and are indefinite.

Food-law officials, State of Indiana.

Title.	Name.	Post-office address.
State food and drug commissioner and chemist in charge.	H. E. Barnard.....	Statehouse, Indianapolis.
Food chemist.....	H. E. Bishop.....	Do.
Assistant food chemist.....	Cullen G. Thomas.....	Do.
Drug chemist.....	Wm. D. McAbee.....	Do.
Assistant drug chemist.....	J. C. Diggs.....	Do.
Water chemist.....	Jay A. Craven.....	Do.
Assistant water chemist.....	Albert R. Tucker.....	Do.
Food and drug inspector.....	A. W. Bruner.....	Paoli.
Do.....	Bert W. Cohn.....	Statehouse, Indianapolis.
Do.....	F. W. Tucker.....	112 East Cherry Street, No- blesville.
Do.....	John T. Willett.....	1527 South Michigan Street, South Bend.
Do.....	C. L. Hutchens.....	Winchester.

IOWA.

DAIRY AND FOOD COMMISSION.

In 1906 a pure-food law was passed changing the name of the office to food and dairy commissioner; by subsequent enactment the name of the department was changed to dairy and food commission; annual report covering dairy business and statistics to governor; food bulletins also issued at irregular intervals. Laws enforced: Food, dairy, commercial feeding stuffs, agricultural seeds, paints, linseed oil, turpentine, weights and measures.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of two years, his present term expiring May 1, 1914. The deputy commissioner and assistant dairy commissioners are appointed by the commissioner. The chemists are appointed by the commissioner, with the approval of the executive council.

Food-law officials, State of Iowa.

Title.	Name.	Post-office address.
Commissioner.....	W. B. Barney.....	Des Moines.
Deputy commissioner.....	B. C. Iliff.....	Do.
Assistant dairy commissioner.....	J. J. Ross.....	Iowa Falls.
Do.....	T. A. Clarke.....	West Bend.
Do.....	Paul W. Crowley.....	Ames.
Do.....	G. H. Tellier.....	Do.
Assistant dairy commissioner and food inspector.....	H. E. Forrester.....	Lake Mills.
Chief chemist.....	J. R. Chittick.....	3114 First Street, Des Moines.
Assistant chemist.....	Avis Talcott.....	1220 Des Moines Street, Des Moines.
Do.....	Walter S. Frisbie.....	902 Lyon Street, Des Moines.
Bacteriologist and assistant chemist.....	Chas. E. Gabel.....	1340 East Walnut Street, Des Moines.
State dairy inspector.....	O. P. Thompson.....	935 West Third Avenue, Waterloo.
City milk inspector for Des Moines.....	J. H. Sasseen.....	Des Moines.
Food inspector.....	M. E. Flynn.....	1220 Market Street, Burlington.
Do.....	E. C. Hinshaw.....	Okoboji.
Do.....	J. W. Milnes.....	Creston.
Do.....	C. Ottosen.....	Ottosen.
Do.....	S. O. Van De Bogart.....	1306 Harrison Avenue, Des Moines.

KANSAS.

STATE BOARD OF HEALTH.

Established April 10, 1885; food inspection organized March 23, 1905; present law became effective February 16, 1907; quarterly reports, also biennial in odd year, and bulletins issued monthly; State board of health charged with administration of the food laws; chemical analyses made at State university and State agricultural college.

ORGANIZATION OF OFFICIAL FORCE.

The State board of health consists of 10 members, appointed by the governor for a term of three years, the appointments of three members expiring each year. The secretary of the board is executive officer and is elected by the board for a term of four years, his present term expiring July 1, 1916. The State university and the State agricultural college are authorized to employ additional chemists and assistants for the analytical work, and the State board of health is authorized to appoint inspectors.

Food-law officials, board of health, State of Kansas.

Title.	Name.	Post-office address.
Secretary State board of health and chief food and drug inspector.....	S. J. Crumbine.....	Topeka.
Assistant chief food and drug inspector.....	J. F. Tilford.....	Do.
Food chemist, Kansas University and State board of health.....	E. H. S. Bailey.....	Lawrence.
Food chemist, State agricultural college and State board of health.....	J. T. Willard.....	Manhattan.
Director of drug analysis, Kansas University and State board of health.....	L. E. Sayre.....	Lawrence.
Food analyst.....	H. L. Jackson.....	Do.
Assistant chemist.....	C. A. A. Utt.....	Manhattan.
Bacteriologist, Kansas University, and food bacteriologist, State board of health.....	F. H. Billings.....	Lawrence.
Chief, drug analysis laboratory.....	L. D. Havenhill.....	Do.

Food-law officials, board of health, State of Kansas—Continued.

Title.	Name.	Post-office address.
Drug analyst.....	G. N. Watson.....	Lawrence.
Drug inspector.....	D. F. Deem.....	Stark.
Do.....	F. E. Rowland.....	Mulvane.
Food inspector.....	Harry Bell.....	1040 Armstrong Avenue, Kansas City.
Do.....	A. E. Ice.....	319 Harrison Street, Topeka.
Do.....	John Kleinhaus.....	827 Quincy Street, Topeka.
Do.....	A. G. Pike.....	Fort Scott.

STATE DAIRY COMMISSION.

Office created March 7, 1907; dairy laws revised March 10, 1909; annual report to governor; duties of dairy officials as follows: Inspection of all dairy establishments in the State, city milk supplies, and dairy farms. Dairy commissioner authorized by law to formulate and prescribe official rulings in connection with board of regents; educational work and general upbuilding of dairy conditions; compilation of dairy statistics and enforcement of law; minimum penalty for violations, \$25; dairy commissioner authorized to establish rules of the details for operation of the Babcock test; cooperative work with city milk inspectors, agricultural college, and State officials interested in dairying.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner and necessary deputies are appointed by the board of regents of the State agricultural college for a term of one year, their present term of office expiring July 1, 1913.

State dairy-law officials, dairy commission, State of Kansas.

Title.	Name.	Post-office address.
Dairy commissioner.....	D. S. Burch.....	Manhattan.
Deputy commissioner.....	W. F. Droge.....	Do.
Do.....	E. G. Maxwell.....	Do.
Chemist.....	J. T. Willard.....	Do.
Assistant chemist.....	C. A. A. Utt.....	Do.
Bacteriologist of the Kansas State Agricultural College in cooperation with State dairy commission.	L. D. Bushnell.....	Do.

KENTUCKY.

AGRICULTURAL EXPERIMENT STATION.

Established June 14, 1898; annual report; all food laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The director of the station appoints inspectors as necessity requires. All other appointments are made by the board of control of the experiment station for an indefinite term.

Food-law officials, State of Kentucky.

Title.	Name.	Post-office address.
Director, agricultural experiment station.....	.....	Lexington.
Head of food and drug division.....	R. M. Allen.....	Do.
Chief chemist.....	J. O. LaBach.....	Do.
Chemist, drugs.....	Linwood A. Brown.....	Do.
Assistant food chemist.....	J. E. Mastin.....	Do.
Bacteriologist.....	W. R. Pinnell.....	Do.
Chief inspector.....	J. W. McFarlin.....	Franklin.
Inspector, drugs.....	C. S. Porter.....	Eminence.
Inspector, bakery sanitation.....	Walter Scheppelman.....	188 Crescent Avenue, Louisville.
Dairy inspector.....	Elmer Worthington.....	Lexington.

LOUISIANA.

STATE BOARD OF HEALTH.

Food work established 1908; biennial report, even year; makes and enforces all regulations relating to adulterations and sale of unwholesome foods, drugs, and poisons, in cooperation with local boards of health.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the State board of health with the exception of that of the president, who is appointed by the governor of the State.

Food-law officials, State of Louisiana.

Title.	Name.	Post-office address.
President State board of health and ex officio food commissioner.	Oscar Dowling.....	New Orleans.
Secretary.....	E. S. Kelly.....	Do.
State analyst.....	Geo. B. Taylor.....	New Orleans court building, New Orleans.
Food and drug inspector.....	J. A. Cain.....	Shreveport.
Do.....	E. J. DeBergue.....	New Orleans court building, New Orleans.
Do.....	Mayer Newhauser.....	Do.

MAINE.

AGRICULTURAL EXPERIMENT STATION.

Food work organized 1905; drug work organized 1908; results of analyses published in station bulletins and reports; administers food and drug laws.

ORGANIZATION OF OFFICIAL FORCE.

The director of the experiment station is ex officio executive officer in the enforcement of the food law. All other appointments are made by the director and are for an indefinite term.

Food-law officials, State of Maine.

Title.	Name.	Post-office address.
Director.....	Chas. D. Woods.....	Orono.
Chemist.....	J. M. Bartlett.....	Do.
Do.....	H. H. Hanson.....	Do.
Do.....	Albert Verrill.....	Do.
Do.....	Edw. S. Sawyer.....	Do.
Do.....	Helen W. Averill.....	Do.
Inspector.....	Elmer R. Tobey.....	Do.
Do.....	Edgar White.....	Do.

MARYLAND.

STATE BOARD OF HEALTH.

Food and drug work inaugurated 1910; food and drug commissioner administers law; hearings held before board of health.

ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health. The appointments are indeterminate and continue at the pleasure of the board.

Food-law officials, State of Maryland.

Title.	Name.	Post-office address.
President.....	Wm. H. Welch.....	807 St. Paul Street, Baltimore.
Member of board.....	James Bosley.....	City Hall Annex, Baltimore.
Do.....	Nathan R. Gorter.....	1 West Biddle Street, Baltimore.
Do.....	Edgar A. Jones.....	Cambridge.
Do.....	Jno. E. Greiner.....	106 Ridgewood Road, Roland Park, Baltimore.
Do.....	Edgar Allen Poe.....	United States Fidelity & Guarantee Building, Baltimore.
Secretary.....	Marshall L. Price.....	6 East Franklin Street, Baltimore.
Food and drug commissioner.....	Chas. Caspari, jr.....	Do.
Chief chemist.....	W. B. D. Penniman.....	Do.
Assistant chief chemist.....	Wyatt W. Randall.....	Do.
Bacteriologist.....	Wm. R. Stokes.....	City Hall Annex, Baltimore.
Assistant chemist.....	Harold B. Disney.....	6 East Franklin Street, Baltimore.
Do.....	Clifford O. Miller.....	Do.
Food and drug inspector.....	Jno. W. Arnold.....	Do.
Do.....	Robt. H. Hopkins.....	Do.
Do.....	Louis L. Judge.....	Do.

MASSACHUSETTS.

STATE BOARD OF HEALTH.

Board established 1869; food inspection organized 1883; annual report and monthly bulletins; enforces laws relating to milk, food, and drugs and arsenic in manufactured goods; chemical examination of liquors, poisons, paints, oils, and turpentine are made for police department.

ORGANIZATION OF OFFICIAL FORCE.

The inspectors are under civil-service rules, and are appointed for an indefinite length of time; all other appointments are made by the board for an indefinite period.

Food-law officials, board of health, State of Massachusetts.

Title.	Name.	Post-office address.
Secretary of board.....	Mark W. Richardson.....	Room 144, Statehouse, Boston.
Analyst.....	Hermann C. Lythgoe.....	Room 501, Statehouse, Boston.
Assistant analyst.....	Charles H. Hickey.....	Do.
Do.....	Lewis I. Nurenberg.....	Do.
Do.....	Clarence E. Marsh.....	Do.
Inspector of dairies.....	Alvord H. Rose.....	Concord.
Inspector.....	Maurice P. Crowe.....	Room 145, Statehouse, Boston.
Do.....	Horace F. Davis.....	Do.
Do.....	Daniel E. McCarthy.....	Do.
Do.....	Frederick L. Marion.....	Do.

STATE DAIRY BUREAU.

Established by chapter 421, acts of 1891; took effect September 1, 1891; Annual Public Document No. 60; enforces dairy laws, including those concerning oleomargarin, renovated butter, adulterated milk, etc.

ORGANIZATION OF OFFICIAL FORCE.

The Massachusetts State dairy bureau is composed of three members of the State board of agriculture, selected and appointed by the governor as members of the bureau; term of office, three years. A provision of the law, however, provides that when

a member of the bureau ceases to be a member of the board of agriculture his connection with the bureau ceases, even though he may not have served his full three years.

The law also provides that the secretary of the State board of agriculture shall be the executive officer of the dairy bureau; also that the board at its annual meeting shall elect a general agent of the bureau to serve for one year.

Food-law officials, dairy bureau, State of Massachusetts.

Title.	Name.	Post-office address.
Chairman of bureau.....	Charles M. Gardner.....	Westfield.
Member of bureau.....	Howard A. Parsons.....	North Amherst.
Do.....	George W. Trull.....	R. F. D., Lowell.
Executive officer and secretary.....	J. Lewis Ellsworth.....	136 Statehouse, Boston.
General agent.....	P. Myrick Harwood.....	Do.
Chemist.....	B. F. Davenport.....	161 Tremont Street, Boston.
Do.....	F. W. Farrell.....	177 State Street, Springfield.

MICHIGAN.

STATE DAIRY AND FOOD DEPARTMENT.

Established July 1, 1893; control of drug work placed under department July, 1909; annual report and monthly bulletins; enforces laws relating to dairy, food, and drug products.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor, with the advice and consent of the senate, for a term of two years, his present term expiring December 31, 1912. The deputy commissioner is appointed by the commissioner by and with the consent of the governor. All other appointments are made by the commissioner and the appointees hold office at his pleasure.

Food-law officials, State of Michigan.

Title.	Name.	Post-office address.
State dairy and food commissioner.....	Gilman M. Dame.....	Northport.
Deputy commissioner.....	James W. Helme.....	Adrian.
Chief clerk.....	M. J. Smith.....	Lansing.
State analyst.....	Fern L. Shannon.....	Do.
Drug analyst.....	A. R. Todd.....	Do.
Assistant chemist.....	L. H. Van Wormer.....	Do.
Do.....	Nan Childs.....	Do.
Food inspector.....	John T. Rowe.....	Laurium.
Do.....	John Munn.....	Salem.
Do.....	A. C. Rowlander.....	Mount Pleasant.
Do.....	John B. Barron.....	Howell.
Do.....	Geo. N. Whipple.....	1102 Majestic Bldg., Detroit.
Do.....	Chas. E. Aley.....	Do.
Do.....	C. H. Geelhoed.....	17 Wealthy Avenue, Grand Rapids.
Drug inspector.....	John E. Gerow.....	Ovid.
Do.....	G. W. Sly.....	Hillsdale.
Dairy inspector.....	Wm. T. Hulscher.....	Battle Creek.
Do.....	Elmer Teall.....	Milan.
Do.....	C. V. Jones.....	134 Alfred Street, Detroit.
Do.....	O. F. Meiselbach.....	R. F. D. No. 2, Bay City.
Bakery inspector.....	D. J. Farrell.....	712 Genesee Street, Lansing.
Hotel inspector.....	W. N. Miller.....	Mount Clemens.

MINNESOTA.

DAIRY AND FOOD COMMISSION.

Established 1885; food work inaugurated August 1, 1889; biennial report, odd year; enforces dairy and food laws.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are all made for a term of two years, the present term expiring January 1, 1913. The commissioner is appointed by the governor; all other appointments are made by the commissioner, inspectors being under civil service rule.

Food-law officials, State of Minnesota.

Title.	Name.	Post-office address.
Commissioner.....	Joel G. Winkjer.....	St. Paul.
Assistant commissioner.....	John McCabe.....	Do.
Secretary.....	O. A. Storvick.....	Do.
Chemist.....	Julius Hortvet.....	Do.
Assistant chemist.....	H. A. Halvorsen.....	Do.
Do.....	Earl Pettijohn.....	Do.
Do.....	Guy G. Parkin.....	Do.
Food inspector.....	A. J. Anderson.....	Lindstrom.
Do.....	W. G. Graham.....	837 Smith Avenue, St. Paul.
Do.....	E. B. Heiberg.....	Capitol, St. Paul.
Do.....	D. A. Little.....	Mankato.
Do.....	M. J. Moriarty.....	Capitol, St. Paul.
Do.....	L. S. Munro.....	Crookston.
Do.....	A. D. Sibbald.....	514 Palladio Bldg., Duluth.

MISSISSIPPI.

AGRICULTURAL AND MECHANICAL COLLEGE.

Food law effective July 1, 1910; bulletins from time to time; State chemist charged with enforcement of law.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the president and board of trustees of the Agricultural and Mechanical College on recommendation of State chemist and are held at pleasure of board of trustees of the college.

Food-law officials, State of Mississippi.

Title.	Name.	Post-office address.
State chemist.....	W. F. Hand.....	Agricultural College.
Assistant chemist.....	I. D. Sessums.....	Do.
Do.....	H. S. Chilton.....	Do.
Do.....	M. R. Gieger.....	Do.
Do.....	A. Levy.....	Do.
Do.....	H. S. Montague.....	Do.
Do.....	J. J. T. Graham.....	Do.
Do.....	H. G. Lewis.....	Do.
Chief inspector.....	E. C. McInnis.....	Care Commissioner of Agriculture, Jackson.
Inspector.....	F. N. Chisolm.....	Agricultural College.

MISSOURI.

DEPARTMENT OF DAIRYING, FOOD, AND DRUGS.

The State dairy commission was created April 8, 1905, and continued in operation until June 14, 1907, when it was converted into the office of State dairy and food commission and continued as such until May 15, 1909. At the latter date the food and drug commission as well as the dairy commission was created. Annual report; all food, drug, and dairy laws enforced. The chemical work is under the supervision of the chemist of the State experiment station.

ORGANIZATION OF OFFICIAL FORCE.

Food and drug commissioner is appointed by the governor, with the advice and consent of the senate, for a term of four years, his present appointment expiring February 1, 1913. The law of 1909 placed the appointment of dairy commissioner in the hands of the board of agriculture, but, owing to the fact that no funds were appropriated, at the request of the board of agriculture the food and drug commissioner is acting dairy commissioner.

Food-law officials, State of Missouri.

Title.	Name.	Post-office address.
Food and drug commissioner and acting dairy commissioner.	Wm. P. Cutler.....	Columbia.
Deputy food and drug commissioner and analyst.	J. O. Halverson.....	Do.
Chemist.....	P. F. Trowbridge.....	Do.
Food inspector.....	J. E. Aston.....	721 Holland Bldg., St. Louis.
Do.....	Victor R. Combs.....	1009 Cherry Street, Springfield.
Do.....	Chas. E. Graham.....	3600 Troost Avenue, Kansas City.
Do.....	H. F. Guyette.....	1927 Walrond Avenue, Kansas City.
Do.....	Adolph Meyer.....	721 Holland Bldg., St. Louis.

MONTANA.

STATE BOARD OF HEALTH.

Established May 1, 1901; present law became effective January 1, 1912; monthly bulletin, also biennial report, even year; State board of health charged with administration of food law. Samples of foods and drugs are analyzed in the departments of chemistry and pharmacy of the State agricultural college, and the head of the chemistry department is chemist to the board of health and is authorized to appoint additional chemists and assistants. State board of health is authorized to employ a special inspector. Local and county health officers are local and county food and drug inspectors.

ORGANIZATION OF OFFICIAL FORCE.

State board of health consists of seven members: Two elective (governor and attorney general); three physicians appointed by the governor, term of office six years each, one expiring every two years; the State veterinarian appointed by the governor; these six elect a secretary, who is the executive officer, term of office, four years; his present term expires March 15, 1915.

Food-law officials, board of health, State of Montana.

Title.	Name.	Post-office address.
Secretary, State board of health, and chief food and drug inspector.	T. D. Tuttle.....	Helena.
Assistant food and drug inspector.....	H. D. Smith.....	Do.
Chemist, State board of health.....	W. M. Cobleigh.....	Bozeman.
Director of drug analysis.....	C. E. Mollett.....	Do.
Food and drug analyst.....	D. L. Weatherhead.....	Do.
Bacteriologist.....	D. B. Swingle.....	Do.
Assistant chemist.....	Carl Cottschaek.....	Do.

NEBRASKA.

FOOD, DAIRY, AND DRUG COMMISSION.

Food commission established July 1, 1899, which office was abolished and the office of food, dairy, and drug commission created in lieu thereof July 5, 1907; monthly and annual reports; enforces food, dairy, and drug laws.

ORGANIZATION OF OFFICIAL FORCE.

The governor of the State is ex officio food, dairy, and drug commissioner. His present term expires January 1, 1913. The deputy commissioner is appointed by the governor, the State chemists and inspectors by the deputy commissioner, with the approval of the governor, and all appointments expire at the pleasure of the governor.

Food-law officials, State of Nebraska.

Title.	Name.	Post-office address.
Food, dairy, and drug commissioner.....	Chester C. Aldrich.....	Lincoln.
Deputy commissioner.....	Niels P. Hansen.....	Do.
State chemist.....	E. L. Redfern.....	Statehouse, Lincoln.
Food and seed inspector.....	E. C. Kemble.....	Do.
Food and drug inspector.....	F. H. McLain.....	Do.
Do.....	Mrs. H. S. MacMurphy.....	Do.
Do.....	R. S. Scofield.....	Do.

NEVADA.

AGRICULTURAL EXPERIMENT STATION.

Food work organized 1909; annual report and bulletins; food, liquor, and drug laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

Director of experiment station appoints such agents as he deems necessary. Sheriffs appointed as agents to see that act is enforced.

Food-law officials, State of Nevada.

Title.	Name.	Post-office address.
President.....	J. E. Stubbs.....	Reno.
Director.....	G. H. True.....	Do.
Chemist.....	S. C. Dinsmore.....	Do.
Assistant chemist.....	M. B. Kennedy.....	Do.
Do.....	S. E. Ross.....	Do.

NEW HAMPSHIRE.

STATE BOARD OF HEALTH.

Food work established 1903; biennial report, even year, also quarterly bulletins; through its secretary enforces all laws relating to adulterations and the sale of unwholesome foods, drugs, and poisons; in cooperation with local boards of health, the milk law.

ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health and are for an indefinite time.

Food-law officials, State of New Hampshire.

Title.	Name.	Post-office address.
Secretary	Irving A. Watson.....	Concord.
State chemist.....	Charles D. Howard.....	Do.
Assistant State chemist.....	Waldo L. Adams.....	Do.
Microscopist.....	Charles Duncan.....	Do.
Do.....	H. N. Kingsford.....	Hanover.
Inspector.....	W. F. Purrington.....	Concord.

NEW JERSEY.

STATE BOARD OF HEALTH.

Partial food inspection was established March 25, 1881, under the administration of the State board of health. The first appropriation for its enforcement was made in 1883. Food inspection was extended to include milk in 1882, and the appointment of a State inspector of milk for its enforcement was authorized. An oleomargarin law was passed in 1886, and the board of health was empowered to appoint a dairy commissioner for the administration of the dairy law, and to aid the State board of health in the enforcement of the food law.

Food inspection was reorganized under the law of November 1, 1901, and a general revision of the law was passed in 1907. An annual report is issued.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made, after competitive examination by the civil service commission, by State board of health. There is no fixed term of office for members of the staff of the division of food and drugs.

Food-law officials, State of New Jersey.

Title.	Name.	Post-office address.
Secretary, State board of health.....	Bruce S. Keator.....	State Laboratory of Hygiene, Trenton.
Chief, division of food and drugs.....	R. B. Fitz-Randolph.....	Do.
Assistant chief, division of food and drugs.....	William G. Tice.....	Do.
Analyst.....	Henry W. Denny.....	Do.
Do.....	Christopher L. Devitt.....	Do.
Do.....	Howard B. Warren.....	Do.
Inspector.....	Isaac H. Shaw.....	Do.
Do.....	Walter W. Scofield.....	Do.
Do.....	W. S. Townsend.....	578 Benson Street, Camden.
Do.....	Louis Tremallo.....	9 Thompson Street, Morris- town.
Food and drug inspector.....	Wm. H. Iszard.....	411 North Fourth Street, Camden.

NEW MEXICO.

No provision is made for the enforcement of food laws in this State.

NEW YORK.

DEPARTMENT OF AGRICULTURE.

Established in 1884 as dairy commission; name changed in 1893 to department of agriculture; annual report, monthly bulletins; enforces agricultural law.¹

ORGANIZATION OF OFFICIAL FORCE.

The commissioner of agriculture is appointed by the governor for a period of three years, his present term expiring February 6, 1915. All other appointments are made by the commissioner.

Food-law officials, department of agriculture, State of New York.

Title.	Name.	Post-office address.
Commissioner of agriculture.....	Calvin J. Huson.....	Albany.
Counsel.....	G. L. Flanders.....	Do.
First assistant commissioner.....	Harry B. Winters.....	Do.
Assistant commissioner.....	Clarence Phelan.....	23 Park Row, N. Y.
Do.....	E. J. Preston.....	Amenia.
Do.....	Clayton E. Sackett.....	Utica.
Do.....	S. B. Richardson.....	Lowville.
Do.....	C. T. Russell.....	Syracuse.
Do.....	V. C. Beebe.....	Rochester.
Chemist.....	E. J. Wheeler.....	79 Chapel Street, Albany.
Do.....	John A. Miller.....	Buffalo.
Do.....	J. F. Geisler.....	New York.
Do.....	E. J. Love.....	Do.
Do.....	S. A. Lattimore.....	Rochester.
Do.....	Edw. P. McKeefe.....	85 North Pine Avenue, Albany.
Do.....	Hugh C. Troy.....	Dairy Building, Ithaca.
Do.....	Fred R. Elinger.....	Rochester.
Do.....	Chas. W. Mudge.....	246 Manning Boulevard, Albany.
Do.....	J. C. Willson.....	Canton.
Do.....	Edmund Fales.....	1614 Fifth Avenue, Troy.
Do.....	Ward B. White.....	Ithaca.
Do.....	Jos. Schroff.....	27 Lancaster Street, Albany.

NORTH CAROLINA.

DEPARTMENT OF AGRICULTURE.

Department established 1877; food work 1899; annual report; charged with the enforcement of all food laws.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected for four years, his present term expiring in January 1913. The term of office for all other incumbents is during good behavior.

Food-law officials, State of North Carolina.

Title.	Name.	Post-office address.
Commissioner of agriculture.....	W. A. Graham.....	Raleigh.
Food division—human foods:		
State food chemist, chief of division.....	W. M. Allen.....	Do.
First assistant chemist.....	W. A. Smith.....	Do.
Second assistant chemist.....	C. E. Bell.....	Do.
Chemical division—stock feeds:		
State chemist, chief of division.....	B. W. Kilgore.....	Do.
Chemist and microscopist.....	G. M. MacNider.....	Do.
Assistant chemist.....	E. W. Thornton.....	Do.
Feed inspector.....	R. C. Lineback.....	Do.

¹ Article VIII of Chapter I of the Consolidated Laws (chap. 9, Laws of 1909) was enacted by chapter 524 of the laws of 1903, and relates to adulterated and misbranded foods.

NORTH DAKOTA.

STATE AGRICULTURAL EXPERIMENT STATION.

Food work established July 1, 1903; annual reports and bulletins; food, drug, fertilizer, beverage, and sanitary laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The appointments are made by the board of trustees of the experiment station and are for an indefinite period.

Food-law officials, State of North Dakota.

Title.	Name.	Post-office address.
Commissioner and chemist.....	E. F. Ladd.....	Agricultural College.
Assistant chemist.....	Willis F. Washburn.....	Do.
Do.....	Adolph Ziefle.....	Do.
Do.....	R. E. Remington.....	Do.
Do.....	Adele Shepperd.....	Do.
Do.....	H. L. White.....	Do.
Do.....	Wm. F. Sudro.....	Do.
Do.....	W. L. Stockham.....	Do.
Do.....	E. B. Putt.....	Do.
Do.....	R. W. Darner.....	Do.
Do.....	Henry Reddy.....	Do.
Microchemist.....	J. H. Wright.....	Do.
Inspector.....	Leon A. Congdon.....	Do.
Do.....	C. P. Guthrie.....	Do.

OHIO.

STATE DAIRY AND FOOD DEPARTMENT.

Office created 1886; annual report; food, drug, paint, and linseed-oil laws enforced, and evidence of violation of liquor-tax laws gathered. By a 1910 enactment of the legislature the commissioner is also State sealer of weights and measures.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner was appointed by the governor until 1892, when his office became elective. He is now elected for a term of two years, his present term expiring February 18, 1913. All other appointments expire at the pleasure of the commissioner.

Food-law officials, State of Ohio.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	Sylvanus E. Strode.....	Columbus.
Chief food inspector.....	Benjamin F. Gayman.....	Canal Winchester.
Assistant commissioner.....	Chas. A. Corry.....	1613 Main Street, Cincinnati.
Do.....	Geo. D. Dunathan.....	Findlay.
Chemist.....	William McPherson.....	Columbus.
Do.....	O. S. Marekworth.....	Do.
Do.....	Azor Thurston.....	Grand Rapids.
Do.....	Theo. D. Wetterstroem.....	3935 Spring Grove Avenue, Cincinnati.
Do.....	William Pate.....	Superior Building, Cleveland.
Food inspector.....	L. W. Campbell.....	1201 Monroe Street, Toledo.
Do.....	Septimus Mawer.....	Grand Rapids.
Do.....	Frank A. Fisher.....	Canal Fulton.
Do.....	A. G. Masterson.....	Malta.
Do.....	Wm. C. Gear.....	Upper Sandusky.

OKLAHOMA.

STATE BOARD OF HEALTH.

Food, dairy, and drug commission created June 30, 1908, but duties transferred to board of health and dairy inspection transferred to State board of agriculture by 1909 legislature; annual and monthly reports to governor; food and drug laws enforced. Chemical work conducted at State university..

ORGANIZATION OF OFFICIAL FORCE.

The State commissioner of health is the pure-food and drug commissioner and appoints inspectors and other representatives. The commissioner is appointed by the governor for a term of four years. His present term expired January 9, 1911; no appointment having been made, commissioner retains position at pleasure of governor.

Food-law officials, State of Oklahoma.

Title.	Name.	Post-office address.
Commissioner of health and pure-food and drug commissioner.	J. C. Mahr.....	Oklahoma City.
Assistant State food and drug commissioner.....	U. S. Russell.....	Do.
Director of pure-food and drug laboratory.....	E. De Barr.....	Norman.
Drug inspector.....	W. G. Short.....	Durant.
Food inspector.....	Caswell Bennctt.....	Oklahoma City.
Do.....	H. O. Tener.....	Shawnee.

STATE BOARD OF AGRICULTURE.

The bureau, which is really the dairy commission itself, inaugurated 1909; annual reports; dairy laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the board of agriculture for a term of four years, the term of office of the present incumbents expiring in 1915.

Dairy law officials, State of Oklahoma.

Title.	Name.	Post-office address.
State dairy commissioner.....	A. F. Howe.....	Oklahoma City.
Chairman dairy committee.....	Geo. H. Hinds.....	Westville.
Member of committee.....	Dan Deihl.....	Gotebo.
Do.....	A. C. Cobb.....	Wagoner.
Chemist.....	Chas. K. Francis.....	Stillwater.
Dairy inspector.....	R. D. McManus.....	Oklahoma City.

OREGON.

DAIRY AND FOOD COMMISSION.

Established February 16, 1899; biennial report, odd year; dairy and food laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected by the people for four years, his present term expiring January 1, 1913. The deputy commissioner is appointed by the commissioner and serves at his pleasure.

Food-law officials, State of Oregon.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	J. W. Bailey.....	Room 19, 253½ Washington Street, Portland.
Chief deputy commissioner.....	Ed. T. Judd.....	Do.
Chemist.....	A. S. Wells.....	Do.
Deputy commissioner.....	W. B. Duncan.....	Salem.
Do.....	Geo. A. Nelson.....	Dilley.

PENNSYLVANIA.

DAIRY AND FOOD COMMISSION.

Office created 1895; annual report, also a monthly bulletin and special bulletins; the department of agriculture, through the dairy and food commissioner, enforces the dairy and food laws of Pennsylvania.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for four years, his present term expiring April 15, 1915. The agents, attorneys, and clerical force are appointed by the commissioner, who fixes their compensation.

Food-law officials, State of Pennsylvania.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	James Foust.....	Department of Agriculture, Harrisburg.
Attorney.....	A. H. Woodward.....	Clearfield.
Chemist.....	C. B. Cochran.....	West Chester.
Do.....	F. T. Aschman.....	608 McCance Block, Pitts- burgh.
Do.....	James A. Evans.....	1519 French Street, Erie.
Do.....	William Frear.....	State College.
Do.....	Charles H. La Wall.....	39 South Tenth Street, Phila- delphia.
Do.....	George Walters.....	Department of Agriculture, Harrisburg.

PHILIPPINE ISLANDS.

BUREAU OF HEALTH.

A food law, practically identical with the Federal food and drugs act, was enacted May 18, 1907. This empowers the director of health, the insular collector of customs, and the collector of internal revenue of the Philippine Islands to make rules and regulations for carrying out the provisions of the act. The examination of samples is made in the division of organic chemistry of the bureau of science, which reports the findings to the bureau of health, the latter being the division of the department of the interior charged directly with the enforcement of the law.

By Executive Order No. 7, dated February 11, 1911, a Board of Food and Drug Inspection was appointed, consisting of a representative of the bureau of health, the bureau of science, the bureau of internal revenue, and the bureau of customs. This board acts in an advisory capacity to the director of health.

Food-law officials, Philippine Islands.

Title.	Name.	Post-office address.
Secretary of the interior.....	Dean C. Worcester.....	Manila.
Director of health.....	Victor G. Heiser.....	Do.
Assistant director of health.....	Carroll Fox.....	Do.
Collector of customs.....	Henry B. McCoy.....	Do.
Collector of internal revenue.....	Ellis Cromwell.....	Do.
Acting director of bureau of science.....	A. J. Cox.....	Do.
Chief chemist, division of organic chemistry.....	H. D. Gibbs.....	Do.
Chemist.....	Robt. R. Williams.....	Do.
Do.....	E. R. Dovey.....	Do.
Do.....	David S. Pratt.....	Do.
Do.....	Albert H. Wells.....	Do.
Chemist, division of organic chemistry.....	W. C. Holmes.....	Do.
Do.....	F. Ageoili.....	Do.
Board of food and drug inspection:		
Chairman.....	Carroll Fox.....	Do.
Secretary.....	Geo. H. Tilbury.....	Do.
Member of board.....	H. D. Gibbs.....	Do.
Do.....	Jos. E. Malloy.....	Do.
Inspector.....	F. W. Darling.....	Do.
Do.....	Geo. R. Shilling.....	Do.

PORTO RICO.

SERVICE OF SANITATION.

Bureau of health established July 29, 1899; service of sanitation established July 1, 1911; annual report to governor; food laws enforced based on Federal law.

ORGANIZATION OF OFFICIAL FORCE.

The director of sanitation is appointed by the governor, and all other appointments are made by the director of sanitation with the approval of the governor.

Food-law officials, Island of Porto Rico.

Title.	Name.	Post-office address.
Director of sanitation	W. F. Lippitt.....	P. O. Box 1108, San Juan.
Director of the chemical laboratory.....	Rafael del Valle Sarraga.....	83 Allen Street, San Juan.
Assistant chemist.....	H. J. Lucas.....	San Juan.
Do.....	Angel Pesquera.....	Do.
Do.....	José Roman Benitez.....	Do.
Inspector of foods, liquors, and drugs.....	Carlos A. Rosario.....	Do.
Do.....	Fermin Brau Gonzales.....	Ponce.
Do.....	Andres Rodiguez.....	Hatillo.

RHODE ISLAND.

BOARD OF FOOD AND DRUG COMMISSIONERS.

At the 1908 meeting of the legislature a food and drug law was enacted which became operative January 1, 1909. Up to that time the board of commissioners, who are charged with the enforcement of the law, was occupied in planning for its enforcement. The executive secretary is required by law to be a practical chemist and make the official tests; analytical work is also done by chemists not connected with the department.

ORGANIZATION.

The board consists of three members, appointed by the governor, with the advice and consent of the senate, their appointments expiring as follows: Mr. Gaskin, January 31, 1914; Mr. Lennon, January 31, 1912; Mr. Groff, January 31, 1915.

Food-law officials, State of Rhode Island.

Title.	Name.	Post-office address.
Chairman.....	P. J. Gaskin.....	Statehouse, Providence.
Member of commission.....	Bernard T. Lennon.....	Do.
Executive secretary and chemist.....	John E. Groff.....	Do.

SOUTH CAROLINA.

DEPARTMENT OF AGRICULTURE.

The law provides for its enforcement by the State board of health, but owing to the nature of the appropriations an agreement has been reached between the State board of health and the commissioner of agriculture that the law shall be enforced under the direction of the commissioner of agriculture. Annual reports of State board of health and commissioner of agriculture; the latter also issues food bulletins and promulgates rules and regulations whenever such are made by the board.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected for two years, his present term expiring January 1, 1913. All other officials, with the exception of the chairman and secretary of the State board of health, are appointed by the commissioner of agriculture and hold their positions at his pleasure. The two officers of the State board of health are elected by the executive committee of the board and serve at the pleasure of the latter.

Food-law officials, State of South Carolina.

Title.	Name.	Post-office address.
Commissioner of agriculture.....	E. J. Watson.....	Columbia.
Chairman board of health.....	Robert Wilson, jr.....	Charleston.
Secretary board of health.....	James A. Hayne.....	Columbia.
Chief chemist.....	A. C. Summers.....	Do.
Assistant chemist.....	R. M. Simpson.....	Do.
Assistant chemist and food and drug inspector.....	A. C. Doyle.....	Do.
Chief inspector.....	S. M. Sloan.....	Do.
Food and drug inspector.....	B. Harris.....	Do.
Do.....	J. R. Jones.....	Do.
Do.....	A. McDougal.....	Do.

SOUTH DAKOTA.

FOOD AND DRUG DEPARTMENT.

Established as food and drug department February, 1901; annual report; enforces all food and drug laws.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed for a term of two years, his present term expiring in February, 1913. He is appointed by the governor, with the consent of the senate, and all other appointments are made by the commissioner.

Food-law officials, food and drug commission, State of South Dakota.

Title.	Name.	Post-office address.
Food and drug commissioner and chemist.....	Alfred N. Cook.....	Vermilion.
Deputy commissioner and inspector.....	J. M. Otterness.....	Do.
Assistant chemist.....	Guy G. Frary.....	Do.
Do.....	William C. Evans.....	Do.
Do.....	Arthur L. Haines.....	Do.
Inspector.....	John P. Schall.....	Do.

COLLEGE OF AGRICULTURE AND MECHANIC ARTS.

Office of dairy expert created March 9, 1909; annual report; dairy laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The dairy expert is elected by the State board of regents of education of the College of Agriculture and Mechanic Arts for a term of one year. He is provided with an office at the college and may employ necessary assistants by direction of the board of regents. His present term of office expires July 1, 1913.

Food-law officials, State College, State of South Dakota.

Title.	Name.	Post-office address.
Dairy expert.....	A. P. Ryger.....	Brookings.
Dairy analyst.....	Dexter E. Bailey.....	Do.
Deputy dairy expert and inspector.....	Clifford D. Johnson.....	Do.

TENNESSEE.

STATE BOARD OF HEALTH.

A pure food and drug act was passed by the State legislature on April 9, 1907, and took effect January 1, 1908. The pure food and drug inspector, whose office corresponds to that of food commissioner in most other States, makes reports from time to time to the State board of health and sends an annual report to the governor. His office and laboratory are equipped and conducted under the supervision of the State board of health.

ORGANIZATION OF OFFICIAL FORCE.

The pure food and drug inspector is appointed by the governor for a term of two years, the present appointment expiring January 15, 1914, and he must be a chemist.

Food-law officials, State of Tennessee.

Title.	Name.	Post-office address.
Pure food and drug inspector and chief chemist.	Lucius P. Brown.....	Capitol Annex, Nashville.
Assistant chemist.....	L. Junius Desha.....	Do.
Subinspector.....	John Frick.....	246 Chelsea Avenue, Memphis.
Do.....	D. J. Frazier.....	Capitol Annex, Nashville.

TEXAS.

DAIRY AND FOOD COMMISSION.

Created 1907; annual reports made to governor on September 1, also quarterly bulletins; food and drug laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for two years, his present term expiring June 10, 1913. All other officials hold office during the pleasure of the commissioner and governor.

Food-law officials, State of Texas.

Title.	Name.	Post-office address.
State dairy and food commissioner.....	J. S. Abbott.....	Austin.
Assistant chemist.....	E. H. Golaz.....	Do.
Do.....	R. H. Hoffman, jr.....	Do.
Food inspector.....	C. L. Stone.....	Do.
Do.....	Tom H. Johnson.....	Do.
Secretary.....	Kate Casparis.....	Do.

UTAH.

DAIRY AND FOOD BUREAU.

Office of dairy and food commissioner created March 11, 1897; dairy and food bureau created March 22, 1909. Bureau formulates and prescribes rules and regulations for the enforcement of pure-food laws. The dairy and food commissioner executes the rules and regulations of the bureau and enforces all dairy and food laws. Biennial report, even year.

ORGANIZATION OF OFFICIAL FORCE.

The bureau consists of five members: The dairy and food commissioner and the State chemist, who are appointed by the governor and confirmed by the senate, and three other members. One member of the bureau is a practical manufacturer of dairy food products, one a merchant engaged in the sale of food products, and one a nonproducer of food products.

The dairy and food commissioner and the State chemist are appointed for a term of two and four years, respectively, their present terms expiring March, 1913, and March, 1915. Members of the bureau hold office for a period of four years and until their successors are appointed and qualified. Three members of the bureau are appointed by the governor and serve without compensation other than actual and necessary traveling expenses.

Food-law officials, State of Utah.

Title.	Name.	Post-office address.
Chairman of board.....	J. S. Carver.....	Ogden.
State dairy and food commissioner and secretary and treasurer of bureau.....	Willard Hansen.....	501 Dooly Building, Salt Lake City.
State chemist.....	Herman Harms.....	312 Boyd Park Building, Salt Lake City.
Deputy State dairy and food commissioner.....	J. Carlos Lambert.....	501 Dooly Building, Salt Lake City.
Do.....	Heber C. Smith.....	Do.
Member of bureau.....	A. H. Crabbe.....	220 South Main Street, Salt Lake City.
Do.....	James Clawson.....	Spring City.

VERMONT.

STATE BOARD OF HEALTH.

The legislature of 1904 passed a pure-food law, the enforcement of which is placed in the hands of the State board of health, of which board the secretary is the executive officer. Quarterly reports in board of health bulletin and biennial (even year) in State board of health report.

ORGANIZATION OF OFFICIAL FORCE.

Members of the board of health are appointed by the governor of the State for a term of six years, the term of the present secretary expiring December 31, 1914. All other appointments are made by the board.

Food-law officials, State of Vermont.

Title.	Name.	Post-office address.
Secretary board of health.....	H. D. Holton.....	Brattleboro.
Director of laboratory and chemist ¹	B. H. Stone.....	Burlington.
Chemist ¹	C. P. Moat.....	Do.
Do.....	C. F. Dalton.....	Do.
Do.....	H. L. Thomson.....	Do.
Inspector.....	B. D. Adams.....	Do.
Do.....	Henry Ladd.....	Do.

¹ Also has powers of inspector under the law.

VIRGINIA.

DEPARTMENT OF AGRICULTURE AND IMMIGRATION.

The office of dairy and food commissioner was created March 11, 1908, and all food and dairy work, including the sanitation of food producing and distributing establishments, put under his direction. The commissioner acts with the approval of the board of agriculture and immigration. Samples are analyzed by chemists and other experts of the division of chemistry of the board of agriculture and immigration. Annual reports, also quarterly bulletins.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of four years, his present appointment expiring January 31, 1916. All other appointments are made by the commissioner of agriculture and the dairy and food commissioner, subject to approval of the board of agriculture.

Food-law officials, dairy and food division, State of Virginia.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	Wm. D. Saunders.....	Dairy and Food Division, Department of Agriculture, Richmond.
Assistant to the commissioner.....	Benj. L. Purcell.....	Do.
Food inspector.....	L. D. Jones.....	Green Bay.
Do.....	Geo. W. Taylor.....	Box 108, Norfolk.
Do.....	F. P. Staley.....	Box 24, Clifton Forge.
Do.....	F. C. Breazeal.....	Bedford City.
Do.....	P. W. Garrett.....	1219 Q Street, N.W., Washington, D. C.
Dairy inspector.....	Peyton Rowe.....	Dairy and Food Division, Department of Agriculture, Richmond.
Creamery inspector and instructor.....	A. F. Howard.....	Farmville.

Food-law officials, division of chemistry, State of Virginia.

Title.	Name.	Post-office address.
Chief chemist.....	E. W. Magruder.....	Division of Chemistry, Department of Agriculture, Richmond.
Assistant chemist.....	C. M. Bradbury.....	Do.
Do.....	J. B. Robb.....	Do.
Do.....	H. L. Davidson.....	Do.
Do.....	J. H. Parkins.....	Do.

WASHINGTON.

DAIRY AND FOOD COMMISSION.

Food inspection begun in 1901; biennial report (even year); dairy and food laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of five years, his present term expiring the first Monday in April, 1914. The professor of chemistry in the agricultural college and the dean of the school of pharmacy of the State university are chemists to the commission.

Food-law officials, State of Washington.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	L. Davies.....	413-415, Mehlhorn Building, Seattle.
Deputy dairy and food commissioner.....	Will H. Adams.....	Box 1082, Spokane.
Deputy dairy instructor.....	L. W. Hanson.....	413-415, Mehlhorn Building, Seattle.
Chemist.....	Elton Fulmer.....	Pullman.
Do.....	Charles W. Johnson.....	University Station, Seattle.
Seed analyst and inspector.....	Louise M. Allen.....	Seed Laboratory, Dairy and Food Department, University Station, Seattle.
Dairy and food inspector.....	W. T. Bowman.....	Spokane.
Do.....	Geo. S. Henderson.....	413-415 Mehlhorn Building, Seattle.
Do.....	O. C. Van Houten.....	Do.
Deputy State drug inspector.....	C. B. Cox.....	Do.

WEST VIRGINIA.

A food law was enacted February 16, 1907, but is inoperative because of lack of appropriation.

WISCONSIN.

DAIRY AND FOOD COMMISSION.

Office created 1889; biennial report (even year); dairy, food, drug, and impure-ice laws enforced.

ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for two years; his present term will expire February, 1913. All other members of force, except assistant and stenographer, hold office subject to the civil service law.

Food-law officials, State of Wisconsin.

Title.	Name.	Post-office address.
Dairy and food commissioner.....	J. Q. Emery.....	Madison.
Assistant commissioner.....	U. S. Baer.....	Do.
Second assistant commissioner.....	H. C. Larson.....	Do.
State chemist, associate director of laboratory.....	Richard Fischer.....	119 East Johnson Street, Madison.
Chemist.....	Harry Klueter.....	904 Spaight Street, Madison.
Assistant chemist.....	W. A. Brannon.....	120 West Wilson Street, Madison.
Do.....	I. Howlett.....	115 North Broom Street, Madison.
Chief food inspector.....	F. M. Buzzell.....	Chippewa Falls.
Food inspector.....	W. F. Scott.....	1005 Oakridge Avenue, Madison.

WYOMING.

DAIRY, FOOD, AND OIL COMMISSION.

Food inspection established September 30, 1903. The State chemist was executive officer until April 1, 1905, when the office of dairy, food, and oil commissioner was created and charged with the enforcement of the law. Annual report and quarterly bulletins.

ORGANIZATION OF OFFICIAL FORCE.

The dairy, food, and oil commissioner is appointed by the governor, with the advice and consent of the senate, for a term of four years, his present term expiring March 30, 1914. The State chemist also holds the chair of chemistry at the State university, and is appointed by the trustees of that institution.

Food-law officials, State of Wyoming.

Title.	Name.	Post-office address.
Dairy, food, and oil commissioner	Maurice Groshon.....	Cheyenne.
State chemist.....	R. B. Moudy.....	Laramie.

ENFORCEMENT OF CANADIAN LAWS.

DEPARTMENT OF INLAND REVENUE.

Established 1884; annual report; also publication of bulletins immediately after the examination of any specific class of article; enforces the adulteration act relating to food, drugs, and agricultural fertilizers.

ORGANIZATION OF OFFICIAL FORCE.

Appointments are by order in council and are unlimited in time.

Food-law officials in Dominion of Canada.

Title.	Name.	Post-office address.
Minister of inland revenue	W. B. Nantel	Ottawa, Ontario.
Deputy minister of inland revenue	W. J. Gerald	Do.
Chief analyst.....	A. McGill.....	Do.
Public analyst.....	A. Le Moine.....	Do.
Do.....	J. A. G. Valin.....	Do.
Do.....	E. L. C. Forster.....	Do.
Do.....	Chas. C. Forward.....	Do.
Do.....	V. Kitto.....	Do.
Do.....	S. E. Wright.....	Do.
District analyst.....	M. Bowman.....	Halifax, Nova Scotia.
Do.....	J. T. Donald.....	Montreal, Quebec.
Do.....	F. X. Valade.....	Ottawa, Ontario.
Do.....	C. J. Fagan.....	Victoria, British Columbia.
Member of board of food standards.....	W. H. Ellis.....	University College, Toronto, Ontario.
Food inspector.....	E. Beland.....	Quebec, Quebec.
Do.....	E. Belisle.....	Ottawa, Ontario.
Do.....	J. J. Costigan.....	Montreal, Quebec.
Do.....	H. J. Dager.....	Toronto, Ontario.
Do.....	J. C. Ferguson.....	St. John, New Brunswick.
Do.....	R. W. Fletcher.....	Calgary, Alberta.
Do.....	James Hogan.....	Kingston, Ontario.
Do.....	A. C. Lariviere.....	Winnipeg, Manitoba.
Do.....	D. O'Sullivan.....	Victoria, British Columbia.
Do.....	Thos. Parker.....	Nelson, British Columbia.
Do.....	J. F. Power.....	Vancouver, British Colum- bia.
Do.....	J. A. Rickey.....	Ottawa, Ontario.
Do.....	J. C. Rouleau.....	St. Hyacinthe, Quebec.
Do.....	Ino. Talbot.....	London, Ontario.
Do.....	R. J. Waugh.....	Halifax, Nova Scotia.
Do.....	Wm. A. Weeks.....	Charlottetown, Prince Ed ward Island.

STATE FOOD-LAW OFFICIALS AND ENACTMENTS CREATING THEM.

State.	Officers or official bodies charged with enforcement.	Legislative session.				Date of completion.	Number of volumes.		
		Frequency.	Date of opening.		Next regular session.			Limit.	
			Day.	Month.					
Alabama.....	Commissioner of agriculture and industries, Montgomery.	Quadrennial..	Second Tuesday.....	January.....	Year. 1915	Days. 50	Codes.....	1907	3
Alaska.....	None.....	Biennial.....	Second Monday.....	January.....	1913	60	Compilation.....	1906	1
Arizona.....	Commissioner of mines, manufactures and agriculture, Little Rock.	do.....	do.....	do.....	1913	60	Revised Statutes.....	1901	1
Arkansas.....	State board health, San Francisco. Dairy bureau, 16 California Street, San Francisco.	do.....	Monday after Jan. 1.....	do.....	1913	60	Digest of Statutes, 1904; Supplement, 1911.	1911	2
California.....	Department of inland revenue, Ottawa.	do.....	First Wednesday.....	January.....	1913	90	Codes and General Laws, 1909, 5 vols.; Supplement, 1911, 1 vol.	1911	6
Canada.....	Dairy commissioner, Denver.	Biennial.....	First Wednesday.....	January.....	1913	90	Annotated Statutes.....	1912	2
Colorado.....	Board of health, Denver.	do.....	Wednesday after first Monday.	do.....	1913		General Statutes.....	1902	1
Connecticut.....	Agricultural experiment station, New Haven, and dairy and food commissioner, Hartford.	do.....	First Tuesday.....	do.....	1913	60	Revised Code.....	1912	(1)
Delaware.....	State board of health, Wilmington.	Annual.....	First Monday.....	December.....	1912	(2)	Code.....	1911	1
District of Columbia.....	Department of agriculture, Tallahassee.	Biennial.....	Tuesday after first Monday.	April.....	1913	60	Revised Statutes.....	1906	1
Florida.....	Department of agriculture, Atlanta.	Annual.....	Fourth Wednesday.....	June.....	1913	50	Code.....	1910	2
Georgia.....	Food commissioner, Honolulu.	Biennial.....	Third Wednesday.....	February.....	1913	60	Revised Laws.....	1905	1
Hawaii.....	State board of health, Boise.	do.....	Monday after Jan. 1.....	January.....	1913	60	Revised Codes.....	1909	2
Idaho.....	Food commissioner, Manhattan Building, Chicago.	do.....	Wednesday after first Monday.	do.....	1913		Revised Statutes.....	1911	1
Illinois.....	State board of health, Indianapolis.	do.....	Thursday after first Monday.	do.....	1913	60	Annotated Statutes.....	1908	4
Indiana.....	Dairy and food commission, Des Moines.	do.....	Second Monday.....	do.....	1913		Code, 1897; Supplement, 1898-1907.	1907	2
Iowa.....	State board of health, Topeka, and dairy commission, Manhattan.	do.....	Second Tuesday.....	do.....	1913	50	General Statutes.....	1909	1
Kansas.....	Agricultural experiment station, Lexington.	do.....	Tuesday after first Monday.	do.....	1914	60	Statutes.....	1909	1

Louisiana.....	State board of health, New Orleans.....	.....do.....	Second Monday.....	May.....	1914.....	60	Revised Laws (Wolff) 1904, 2 vols.; Supplement, 1904-8, 1 vol.; Revised Statutes.....	1909	3
Maine.....	Agricultural experiment station, Orono.....	.....do.....	Wednesday after Jan. 1.....	January.....	1913.....	.....	Revised Statutes.....	1903	1
Maryland.....	State board of health, Baltimore.....	.....do.....	First Wednesday.....	.....do.....	1914.....	90	Public General Laws.....	1911	2
Massachusetts.....	State board of health and dairy bureau, Boston.....	Annual.....	.....do.....	.....do.....	1913.....	.....	Revised Laws, 1902, 3 vols.; Supplement 1910, 1 vol.....	1908	4
Michigan.....	Dairy and food department, Lansing.....	Biennial.....	.....do.....	.....do.....	1913.....	.....	Annotated Statutes.....	1912	6
Minnesota.....	Dairy and food commission, St. Paul.....	.....do.....	Tuesday after first Monday.....	.....do.....	1913.....	90	Revised Laws, 1905; Supplement, 1909.....	1909	2
Mississippi.....	Agricultural and mechanical college, Agricultural College.....	.....do.....	.....do.....	.....do.....	1914.....	.....	Annotated Code.....	1906	1
Missouri.....	Department of dairying, food, and drugs, Columbia.....	.....do.....	Wednesday after Jan. 1.....	.....do.....	1913.....	70	Revised Statutes.....	1909	3
Montana.....	State board of health, Helena.....	.....do.....	First Monday.....	.....do.....	1913.....	60	Revised Codes.....	1907	2
Nebraska.....	Food, dairy, and drug commission, Lincoln.....	.....do.....	First Tuesday.....	.....do.....	1913.....	60	Compiled Statutes.....	1911	2
Nevada.....	Agricultural experiment station, Reno.....	.....do.....	Third Monday.....	.....do.....	1913.....	50	Revised Laws.....	1912	2
New Hampshire.....	State board of health, Concord.....	.....do.....	First Wednesday.....	.....do.....	1913.....	.....	Public Statutes.....	1901	1
New Jersey.....	State board of health, Trenton.....	Annual.....	Second Tuesday.....	.....do.....	1913.....	.....	Compiled Statutes.....	1912	5
New Mexico.....	None.....	Biennial.....	.....do.....	.....do.....	1913.....	60	Consolidated Laws.....	1897	1
New York.....	Department of agriculture, Albany.....	Annual.....	First Wednesday.....	.....do.....	1913.....	.....	Consolidated Laws, 1909, 6 vols.; Supplements, 3 vols.....	1910-12	9
North Carolina.....	Department of agriculture, Raleigh.....	Biennial.....	Wednesday after first Monday.....	.....do.....	1913.....	60	Annotated, Revised, 1908, 2 vols.; Supplement, 1911.....	1911	3
North Dakota.....	Agricultural experiment station, Agricultural College.....	.....do.....	Tuesday after first Monday.....	.....do.....	1913.....	60	Revised Codes.....	1905	1
Ohio.....	Dairy and food department, Columbus.....	.....do.....	First Monday.....	.....do.....	1913.....	.....	Annotated General Code.....	1912	7
Oklahoma.....	Dairy commissioner and State board of health, Oklahoma City.....	.....do.....	Second Tuesday.....	.....do.....	1913.....	60	Revised Laws.....	1910	(1)
Oregon.....	Dairy and food commission, Portland.....	.....do.....	Second Monday.....	.....do.....	1913.....	40	Lord's Laws.....	1910	3
Pennsylvania.....	Department of agriculture, through dairy and food commission, Harrisburg.....	.....do.....	First Tuesday.....	.....do.....	1913.....	.....	Digest, 1905, 4 vols.; Supplements, 1905-11, 2 vols.....	1911	6
Philippine Islands.....	Bureau of health, Manila.....	Annual.....	Second Monday.....	January.....	1913.....	.....	Revised Statutes and Codes.....	1911	(1)
Porto Rico.....	Service of sanitation, San Juan.....	.....do.....	First Tuesday.....	.....do.....	1913.....	60	General Laws, 1909, 2 vols.; Supplement, 1909-10.....	1910	3
Rhode Island.....	Board of food and drug commissioners, Providence.....	.....do.....	Second Tuesday.....	.....do.....	1913.....	40	Code of Laws.....	1912	2
South Carolina.....	Department of agriculture, Columbia.....do.....	Second Tuesday.....do.....	1913.....

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1 In preparation.

2 Sixty-third Congress, first session.

3 Some legislation not included in the Revised Laws is in the Civil Code, 1909, 1 vol.

State food-law officials and enactments creating them—Continued.

State.	Officers or official bodies charged with enforcement.	Legislative session.				Date of compilation.	Num-ber of vol-umes.	
		Frequency.	Date of opening.		Next regular session.			
			Day.	Month.				Limit.
South Dakota.....	Food and drug department, Ver-milion; college of agriculture and mechanic arts, Brookings.	Biennial.....	Tuesday after first Monday.	January	Year. 1913	Days. 60	1910	2
Tennessee.....	State board of health, Nashville.	.do.....	First Monday.....	do.....	1913	75	1903	3
Texas.....	Dairy and food commission, Austin.	.do.....	Second Tuesday.....	do.....	1913		1912	1
Utah.....	Dairy and food bureau, Salt Lake City.	.do.....	Second Monday.....	do.....	1913	60	1912	(1)
Vermont.....	State board of health, Burlington.	.do.....	First Monday.....	October	1912		1912	1
Virginia.....	Department of agriculture and immigration, dairy and food di-visor, Richmond.	.do.....	First Wednesday.....	January	1914	90	1906	3
Washington.....	Dairy and food commission, Seat-tle.	.do.....	Second Monday.....	do.....	1913	60	1912	3
West Virginia.....	None.....	.do.....	Second Wednesday.....	do.....	1913	45	1909	2
Wisconsin.....	Dairy and food commission, Mad-i-son.	.do.....	do.....	do.....	1913		1906	3
Wyoming.....	Dairy, food, and oil commission, Cheyenne.	.do.....	Second Tuesday.....	do.....	1913	40	1910	1

1 In preparation.

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A. D. Melvin, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

Royal E. Cabell, Bureau of Internal Revenue, Treasury Department, Washington, D. C.

Alabama—R. F. Kolb, commissioner of agriculture and industries, Montgomery.

Arkansas—Clay Sloan, Little Rock.

California—

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Colorado—

George T. Bradley, State board of health, Denver.

Robert L. Cochran, State dairy commission, Denver.

Connecticut—

H. F. Potter, capitol, Hartford.

E. H. Jenkins, agricultural experiment station, New Haven.

Delaware—A. E. Frantz, State board of health, Wilmington.

District of Columbia—William C. Woodward, health department, Washington, D. C.

Florida—W. A. McRae, department of agriculture, Tallahassee.

Georgia—J. J. Conner, department of agriculture, Atlanta.

Hawaii—Edward B. Blanchard, Territorial board of health, Honolulu.

Idaho—J. H. Wallis, State board of health, Boise.

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Indiana—H. E. Barnard, statehouse, Indianapolis.

Iowa—W. B. Barney, food and dairy commission, Des Moines.

Kansas—

S. J. Crumbine, State board of health, Topeka.

D. S. Burch, State dairy commission, Manhattan.

Kentucky— ———, agricultural experiment station, Lexington.

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Missouri—Wm. P. Cutler, department of dairying, food, and drugs, Columbia.

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Nebraska—Niels P. Hansen, food, dairy, and drug commission, Lincoln.

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 A. F. Howe, State board of agriculture, Oklahoma City.
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 Virginia—William D. Saunders, department of agriculture and immigration, Richmond.
 Washington—L. Davies, dairy and food commission, Seattle.
 Wisconsin—J. Q. Emery, dairy and food commission, Madison.
 Wyoming—Maurice Groshon, dairy, food, and oil commission, Cheyenne.
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