

# PUBLIC HEALTH REPORTS.

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## UNITED STATES.

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### THE CHOLERA SITUATION.

Cholera has been officially reported present at Belgrade, Servia, and Fiume, Austria. Trieste, Austria, has been officially declared free from the disease.

On September 7, 1911, in response to a request made by the Treasury Department, the Department of State cabled instructions to the American consul general at Marseille to detain for five days prior to departure, with enforcement of paragraphs 29, 31, and 32 of the Quarantine Regulations of 1910, all steerage passengers originating in Marseille or in other places in which the infection of cholera exists.

No case of cholera or cholera carrier has arrived at a port of the United States since those reported as arriving at New York quarantine August 18 on the steamship *Re d' Italia*, from Genoa, Naples, and Palermo.

The results of the quarantine regulation promulgated by the Secretary of the Treasury July 19, requiring the bacteriological examination of all steerage passengers arriving at ports of the United States from places infected with cholera to determine the presence of cholera bacillus carriers before being admitted to entry, are shown in the number of cholera carriers detected at the New York quarantine station. From the time these examinations were begun to September 5, 26 carriers were found at the New York quarantine among detained passengers and members of crews. They were kept under supervision for periods varying from 8 to 36 days and until repeated bacteriological examinations showed that the individuals had ceased to be carriers.

#### BOSTON.

Acting Asst. Surg. Safford reports that the steamship *Romanic*, from Genoa, Naples, and the Azores arrived at Boston September 7. Three hundred and fifteen third-class passengers from Naples were removed to the quarantine station and bacteriologically examined for the presence of cholera carriers by the Boston quarantine authorities. These were found to be negative and were released September 8. The *Romanic* left Genoa August 23 and Naples August 26. No suspicious case of illness was reported during the voyage.

## NEW YORK.

Passed Asst. Surg. von Ezdorf reports the arrival of the following vessels at the port of New York: September 6, the Italian steamship *America*, from Genoa, Naples, and Palermo; Italian steamship *Verona*, from Genoa and Naples; British steamship *Italia*, from Leghorn, Naples and Palermo. Bacteriological examination of the passengers of these vessels for the presence of cases of cholera or cholera carriers was negative and the vessels were released. September 8, the Italian steamship *Mendoza*, from Genoa, Palermo, and Naples arrived with passengers all well. On September 9 the steamship *Duca di Genova* arrived from Genoa and Naples. Bacteriological examination of steerage passengers proved negative. The steamship *San Giorgio* arrived September 12 from Naples and Palermo.

Dr. von Ezdorf further reports that the 5 passengers reported as arriving at New York on the steamship *Duca degli Abruzzi*, June 20, and as being still under detention at Swinburne Island on August 3 and 26 (see Public Health Reports, pp. 1194 and 1313) had been discharged June 29 and that the report of their further detention was a clerical error. Of the 6 passengers of the steamship *Re d' Italia*, noted in the Public Health Reports on page 1312 as being still under detention, 2 were discharged August 24, and 4 on August 28; the detained member of the crew was also discharged on August 28. The steerage passenger from the steamship *Venezia*, found to be a cholera carrier and detained at quarantine, was discharged August 24.

## PROVIDENCE, R. I.

Acting Asst. Surg. Safford reported the arrival, September 9, of the steamship *Roma* from Marseille, Naples, Lisbon, and the Azores. Bacteriological examination was made of the steerage passengers and the crew.

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MUNICIPAL ORDINANCES, RULES, AND REGULATIONS  
PERTAINING TO PUBLIC HYGIENE.

[Adopted since Jan. 1, 1910.]

## COVINGTON, KY.

## GARBAGE AND MANURE—FLY-TIGHT RECEPTACLES FOR.

SECTION 1. That all cans or other receptacles for the holding of garbage in the city of Covington, pending its removal from premises, shall have a lid or top fitting tightly over the same so as to prevent as far as possible the emission of odors therefrom and the entrance of flies therein.

SEC. 2. It shall be the duty of every person owning, controlling, operating, or having in charge any stable, barn, or other place where horses, mules, cows, or other live stock is kept, to have and maintain at all times upon the premises in or adjacent to said stable, barn, or place a fly-tight receptacle of sufficient dimensions and for the purpose of containing the droppings of manure from said stock, and the same shall have a top or lid so arranged as to be fly-tight and to exclude therefrom all flies, and therein to promptly deposit all droppings from said stock, and to keep the lid thereon (except when necessarily open for the purpose of depositing therein or removing therefrom) closed in such manner as to prevent the ingress of flies thereto. And every person having or keeping such manure in the city shall cause the same to be removed from the premises at least once every week. No person shall remove or

transport any such manure over any public highway in the city except in a tight vehicle, which, if not inclosed, must be effectually covered with canvas or other suitable material, so as to prevent the manure from falling therefrom.

SEC. 3. Any person violating or failing to comply with the provisions of this ordinance shall be guilty of a misdemeanor and shall be fined not less than \$5 nor more than \$50 for each offense, and each separate day upon which the offense is committed shall be deemed a separate offense within the purview of this ordinance.

SEC. 4. It shall be the duty of the health officer of the city of Covington and of all police officers and others vested with police powers to see to the enforcement of this ordinance and to arrest or cause the arrest of offenders against the same.

SEC. 5. This ordinance shall take effect and be in force from and after 10 days after its passage. [Ordinance passed May 19, 1910.]

## DULUTH, MINN.

### BAKESHOPS—SANITARY REGULATION OF.

SECTION 1. The provisions of this ordinance shall extend and apply to every room or building occupied as a biscuit, bread, pretzel, pie, cracker, or cake bakery; or for the purpose of making candy, popcorn, ice-cream cones, ice cream, or confectionery of any kind; also to any place where any of the articles above mentioned are made, kept for sale, sold, or stored, and shall include bake-rooms of hotels and restaurants. The term "bakeshop," wherever mentioned in this ordinance, shall be held to mean and apply to any such establishment mentioned above.

SEC. 2. No underground bakeshop shall be used unless certified by the commissioner of health to be suitable for that purpose.

For the purpose of this section, an underground bakeshop shall mean a bakeshop any workroom of which is so situated that the surface of the floor is more than three feet below the sidewalk of the adjoining street, or of the ground adjoining or nearest to the room. The expression "workroom" means any room used for baking or for any process incidental thereto.

An underground bakeshop shall not be certified as suitable unless the commissioner of health is satisfied that it is suitable as regards construction, light, ventilation, and in all other respects.

If any place is used in contravention of this section, it shall be deemed to be a bakeshop not kept in conformity with the terms of this ordinance.

SEC. 3. Every bakeshop shall be kept at all times in a clean state, and free from effluvia arising from any drain, privy, water-closet or other nuisance. The floors shall be swept at least once every 24 hours, and the sweepings shall be immediately placed in an impermeable covered receptacle, and removed from the bakeshop or destroyed by fire at no longer intervals than 24 hours.

SEC. 4. All the inside of the room of the bakeshop, and all the ceilings or tops of such rooms and all the passages and staircases of the bakeshop shall either be painted with oil, varnished or limewashed. Where painted with oil or varnished there shall be three coats of paint or varnish and the paint or varnish shall be renewed once at least every three years, and shall be washed with hot water and soap once at least every three months. When limewashed, the limewashing shall be renewed once at least every six months.

SEC. 5. The troughs and all the utensils used in the making of bread and pastry shall be kept scrupulously clean, and must be capable of being moved about for the purpose of cleaning the floor.

SEC. 6. The working rooms shall be at least nine feet in height and be supplied with windows in sufficient number and size to insure a plenteous supply of light and air. The windows must open into the open air, and must be arranged so that they can be opened for ventilation. Every window and outside door shall be fitted with fly screens, from the 1st day of May to the 1st day of November in each year.

SEC. 7. Every workroom shall have an impervious floor, constructed of brick, cement, or tiles laid in cement, or of wood, of which all the crevices shall be filled in with putty and the whole surface treated with oil varnish. All floors shall be so constructed as to keep out the dampness from the earth beneath, and shall be at all times kept in a good state of repair.

SEC. 8. The workrooms shall be of such size that there shall be 300 cubic feet of air space for each man employed therein. When, as in the case of special holidays, more men than is usually the case are temporarily employed, this requirement may be reduced to 250 cubic feet per person.

SEC. 9. No water-closet, earth closet, privy, ashpit, or lavatory, shall be within or communicate directly with any workingroom.

SEC. 10. No drain or pipe for carrying away fecal or sewage matter shall have an opening within the bakeshop; and every sink or lavatory waste or other pipe used for carrying off water within the bakeshop shall be sufficiently trapped.

SEC. 11. Every bakeshop shall be provided with a proper washroom and water closet or closets, apart from the working rooms. The plumbing and draining systems of any such room or building shall comply with the requirements of the plumbing ordinance of the city of Duluth.

Every water-closet or other sanitary convenience shall be at all times kept in a cleanly state, shall be sufficiently ventilated and lighted, and shall not communicate with any workroom, except through the open air or through an intervening ventilated space; provided, that in workrooms in use prior to the passage of this ordinance, and mechanically ventilated in such a manner that air can not be drawn into the workroom through the sanitary convenience, an intervening ventilated space shall not be required.

The sanitary conveniences shall be under cover and so partitioned off as to insure privacy, and if for the use of females shall have proper doors and fastenings. They shall be so arranged and maintained as to be conveniently accessible to all persons employed in said bakeshop at all times during their employment.

Where persons of both sexes are employed, the conveniences for each shall be so placed or so screened that the interior shall not be visible (even when the door of the convenience is open) from any place where persons of the other sex have to work or pass; and if the convenience for one sex adjoin those for the other sex, the approaches shall be separate.

SEC. 12. The workmen shall be given opportunity to store away and keep their working clothes in clean places, and must be provided with a warm and dry place to wash and dress.

SEC. 13. Before beginning work, and before preparing and mixing ingredients, the persons engaged in the work must wash their hands and arms thoroughly in clean water. For this purpose sufficient wash basins, together with soap and towels, must be provided, and for each workman engaged at least one fresh and clean towel each day must be furnished.

SEC. 14. All flour and other materials, as also the finished product, shall be put in perfectly dry and airy rooms, so arranged that the shelves, floors, and all other places for storing the same can be easily and perfectly cleaned. Bread, pastry, or confectionery shall not be laid on the bare floor.

SEC. 15. Every bakeshop shall be efficiently lighted and shall be ventilated so as to render harmless all gases and dust.

SEC. 16. No person shall sit or lie on any of the tables or shelves which are intended for use for the dough or baked articles. Chairs and benches in sufficient number must be provided.

SEC. 17. The working rooms must be provided with cuspidors, at least one in each room, which must be cleaned daily.

No person shall spit or expectorate or deposit or place any sputum, spittle, saliva, phlegm, mucus, tobacco juice, cigarette stumps, cigar stumps, or quids of tobacco upon the floor, walls, stairway, furnishings, or equipment, or in any manner defile or pollute the floor, walls, stairway, furnishings, or equipment, nor shall any person smoke, snuff, or chew tobacco in any working room while work is in progress.

SEC. 18. No working rooms shall be used for any purpose other than those strictly connected with the preparing and baking of foods, and especially shall they not be used as washing, sleeping, or living rooms.

SEC. 19. The whole of the premises shall be kept free from insects of all kinds, and otherwise kept in a clean and neat condition.

The tables, utensils, dishes, pans, troughs, clothes, towels, and machinery used in the bakery must be kept in a clean and wholesome condition.

SEC. 20. Persons employed in bakeshops shall, while working, wear sufficient clothing.

SEC. 21. No animals, except necessary cats, shall be kept in any bakeshop on any pretense whatever.

SEC. 22. No person suffering, or who has recently suffered, from or been in contact with any infectious disease shall be permitted to enter any bakeshop or take part in the manufacture or sale on the premises, or in the delivery of bread, biscuit, candy, or confectionery.

SEC. 23. The owner or occupier of any such premises shall give immediate notice to the commissioner of health of any case of infectious disease occurring on the premises.

SEC. 24. No place on the same level with any room or rooms that are used as a sleeping place, and forming part of the same building, shall be used as a bakeshop or store-room, unless said sleeping place conforms to the following regulations: (a) Unless it

is effectually separated from the work or store rooms by a close partition extending from the floor to the ceiling; (b) unless there be an external glazed window of at least 9 square feet in area, of which at least 4½ square feet are made to open for ventilation; and unless such sleeping places are inspected by the health commissioner of the city of Duluth and maintained in a condition of cleanliness.

SEC. 25. All vehicles from which any biscuits, bread, candy, or other products are delivered or sold shall be kept in a clean and sanitary condition; and all vehicles, boxes, baskets, or other receptacles in which any of the aforesaid products are conveyed through the streets shall be closely covered in a way and manner that will protect them from any pollution whatever.

SEC. 26. In every bakeshop or candy factory a copy of these regulations shall be constantly displayed on the walls.

SEC. 27. The inspection of all bakeshops within the city of Duluth shall be under the control of the commissioner of health and any officers authorized by him. Any such officers shall at all times have free access to any and all establishments coming under the provisions of this ordinance, for the purpose of inspecting the same and ascertaining whether the provisions of this ordinance are carried out; and such officers shall also be empowered to inspect any vehicles or receptacles used for transporting the manufactured products of such establishment through the streets of the city.

SEC. 28. Every owner, agent of the owner, occupant, lessee, manager, and employee of all such establishments shall at all times observe and carry out the provisions of this ordinance in respect to the sanitary condition of such establishments or equipments, and shall at all times afford to any authorized inspector full and free access to all parts of such establishments.

SEC. 29. All drivers and other persons engaged in handling or delivering any of the articles mentioned in section 1 of this ordinance shall be cleanly in person and attired in a cleanly manner.

No person so employed shall carry any such articles in his hands or on his arm unless the same are wrapped in paper or other material so as to prevent their contact with dirt or dust.

All bread shall be delivered from baskets.

SEC. 30. All wagons, sleighs, or other vehicles used for the delivery of bread, confectionery, ice cream, or other articles subject to inspection under this ordinance shall at all times be kept in a cleanly and satisfactory condition, and shall not be used at any time for transporting any offensive material; and shall have the name and place of business of the person, firm, or corporation to whom they belong at all times prominently displayed upon the same.

SEC. 31. Any person violating any of the provisions of this ordinance shall, upon conviction thereof, be punished by a fine of not less than \$10 or more than \$100, or by imprisonment in the county jail for a period of not less than 10 days or more than 60 days.

SEC. 32. This ordinance shall take effect and be in force from and after its passage and publication. [Ordinance passed May 31, 1910.]

#### LYNN, MASS.

##### ICE CREAM—MANUFACTURE AND SALE OF.

REG. 42—SEC. 2. All cream, milk, or skimmed milk, employed in the manufacture of ice cream, shall before use be kept at a temperature not higher than 50° F.

SEC. 3. No person, by himself or by his servant or agent of any other person, firm, or corporation, shall in the city of Lynn, sell, exchange, or deliver any ice cream which contains more than 500,000 bacteria per cubic centimeter.

SEC. 4. No old or melted ice cream, or ice cream returned to a manufacturer from whatever cause, shall again be used in the preparation of ice cream. [Regulation, board of health, adopted Aug. 9, 1911.]

#### OMAHA, NEBR.

##### GARBAGE—DISPOSAL OF.

SECTION 1. It shall be unlawful for any person, firm, or corporation, unless engaged or employed by the city of Omaha, to remove or haul, or attempt to remove or haul, through the streets, alleys, or thoroughfares of the city of Omaha any garbage from any hotel, restaurant, café, boarding house, eating house, residence, building, or elsewhere.

SEC. 2. It shall be the duty of the city of Omaha to provide for the removal of all garbage within the city in such manner and at such reasonable times as the health commissioner may by rules and regulations fix and determine, and every cart or vehicle

used by the city to transport or haul garbage on or through the streets, alleys, or thoroughfares of the city shall be fitted with a good, substantial water-tight boiler iron tank, or iron wagon bed, securely inclosed with a sufficient covering or so closely fitted as to prevent the escape of any of the contents thereof, or with tight wooden boxes lined inside and out with iron or steel, securely riveted so as to be water-tight, with close-fitting covers of same material, and it shall have plainly painted thereon in legible letters at least 2 inches in height the words "City garbage wagon," and it shall be unlawful for any person to have or use upon the streets of the city of Omaha any wagon thus painted or stamped, unless such person be an employee and engaged by the city to remove or dispose of garbage.

SEC. 3. It shall be the duty of every housekeeper or occupant of any building in the city of Omaha, and of the proprietor of any hotel, restaurant, cafe, boarding house, and eating house to place and deposit their garbage in a suitable sheet iron or galvanized can, with tight covers, provided at their own expense, and to place such receptacle near the alley in the rear of their premises or at some other place reasonably accessible to the collector of garbage: *Provided*, That where the owner or lessee of premises rents a portion thereof to two or more families or occupants he shall provide a suitable receptacle for garbage as provided herein to be used by all of such tenants or occupants and be placed on such portion of the premises as will not create a nuisance. And it shall be unlawful for any person or persons to place in such garbage can or receptacle, as by this ordinance provided, any ashes, refuse, waste, tin cans, broken glassware, or crockery, or any refuse other than garbage.

SEC. 4. Garbage as used in this ordinance is hereby defined to mean every refuse accumulation of animal, fruit, or vegetable matter that attends the preparation, use, cooking, or the dealing in or storage of meats, fish, fowl, fruits, or vegetables.

SEC. 5. Any person, persons, firm, or corporation, or the agents, servants, or employees of any person, firm, or corporation violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not less than \$10 or more than \$50.

SEC. 6. That ordinance No. 6142, ordinance No. 6999, ordinance No. 7296, and so much of all other ordinances, in so far as the same conflict herewith as the same now exist, be and the same are hereby repealed.

SEC. 7. That this ordinance shall take effect and be in force from and after its passage. [Ordinance passed July 18, 1911.]

#### SALT LAKE CITY, UTAH.

##### FLIES—PREVENTION OF THE BREEDING OF.

SECTION 1. It shall be unlawful for any person, firm, or corporation to suffer or permit, or have upon their premises, whether owned or occupied by them, either one or more of the following insanitary fly-producing, disease-causing conditions, to wit:

First. Manure which is not securely protected from flies.

Second. Any privy, vault, cesspool, sink, pit, or like place which is not securely protected from flies.

Third. Garbage which is not securely protected from flies.

Fourth. Vegetable waste, trash, litter, rags, or refuse of any kind, nature, or description in which flies may breed or multiply.

SEC. 2. Every act or thing done, made, permitted, allowed, or continued in violation of section 1 of this ordinance shall be deemed a nuisance.

SEC. 3. It shall be the duty of the city health officer to ascertain and cause all nuisances, declared to be such in sections 1 and 2 of this ordinance, to be abated, and he shall have authority, either by himself or by his agents, or deputies, in the daytime, to enter upon any premises, and to enter any house, stable, store, or any building in order to make a thorough examination thereof, for the purpose of determining whether or not any of such insanitary conditions mentioned in section 1 of this ordinance exists.

SEC. 4. In order to better carry out the provisions of this ordinance, the health officer may serve a notice in writing upon the owner, occupant, or agent of any lot, building, or premises, in or upon which any nuisance, declared to be such in section 1 of this ordinance, may be found, or upon him who may be the cause of such nuisance, requiring him to abate the same in such manner as the city health officer may direct, and within a reasonable time, to be fixed in the notice; but failure to give notice, as provided herein, shall not relieve the author of any nuisance from the obligation to abate such nuisance, or from the penalty provided for the maintenance thereof.

SEC. 5. In case of neglect or refusal of any person to abate any nuisance defined by this ordinance, after notice in writing has been served upon him, as provided in section 4 of this ordinance, and within the time in said notice specified, it is hereby

made the duty of the city health officer to abate or procure the abatement thereof, and the expense of such abatement shall be collected from the person so offending.

Sec. 6. Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than \$5, nor more than \$50, or by imprisonment in the city jail not more than 50 days, or by both such fine and imprisonment.

Sec. 7. This ordinance shall take effect upon its passage. [Ordinance adopted June 1, 1911.]

### WACO, TEX.

#### MILK AND MILK PRODUCTS—REGULATION OF THE PRODUCTION AND SALE OF.

*Be it ordained by the board of commissioners of the city of Waco:* That article 17 and article 26 of an ordinance entitled "An ordinance providing for the care and management of dairies and the sale of milk," approved July 29, 1910, and recorded in Volume L, page 436, Ordinance Book, be and said article 17 and article 26 of said ordinances are so amended as to respectively read as follows, to wit:

"ART. 17. No person shall engage in the business of selling milk or butter or supplying any of the inhabitants of the city of Waco with milk or butter or milk food products without first obtaining a license therefor as provided in this ordinance, said license to be issued to the owner or manager of the dairy producing same. Said license shall run for six months or the unexpired portion thereof, July 1 and January 1 being the terminating date unless sooner revoked by the board of commissioners of the city of Waco as elsewhere provided for herein. No such license shall be issued to any person, firm, or corporation who has not complied with or is not complying with all of the laws and ordinances regulating the conducting of dairies and the sale of milk, butter, or milk food products in the city of Waco regardless of whether such dairy be situated within the corporate limits of the city of Waco or outside thereof, the question being the sale of milk and milk products in said city.

"Dairy licenses must be signed by the mayor and city secretary.

"No license shall be issued to any person engaged in such business unless he shall first file the following affidavit with the city secretary, accompanied by a certificate from the city food inspector as to the sanitary condition of the premises, conforming to the city ordinances relating thereto. Also a certificate of good health for each and every cow in his herd from a veterinarian approved by the city commissioners of the city of Waco upon the recommendation of the city's board of health.

I, \_\_\_\_\_, do solemnly swear that I am the owner (or manager) of a dairy situated at \_\_\_\_\_ and desire to engage in the business of selling milk, butter, and milk-food products to the inhabitants of the city of Waco. That at the time I had the examination, hereinafter referred to, made I had \_\_\_\_\_ head of cows in my dairy herd. That from \_\_\_\_\_ to \_\_\_\_\_, 19\_\_\_\_, I had said entire herd examined with a tuberculin test by Dr. \_\_\_\_\_, a veterinarian approved by the city of Waco; that \_\_\_\_\_ head were found to be free from tuberculosis or other disease, and that \_\_\_\_\_ head reacted under the tuberculin test; and that I immediately caused all of those found so suffering to be branded "T. B." on the left shoulder in letters not less than 4 inches in height, and at once eliminated them from the herd and isolated or killed them.

I promise if granted the license here applied for, in so far as possible, conduct my dairy and my said business in compliance with the laws of the State of Texas and the ordinances of the city of Waco; and I hereby agree that any officer or authorized agent of the city of Waco may at any time enter upon my premises, whether inside or outside of the corporate limits, and inspect my said dairy and cattle, method of handling the milk, etc., and may require any person in charge of any of my wagons delivering milk, butter, cream, or milk-food products in said city of Waco to furnish such person with samples of milk, butter, cream, or milk-food products to be tested by said city.

I further understand and agree that the license herein applied for may be revoked for any violation of or failure to comply with the laws of the State or the city ordinances governing, and with this understanding I hereby apply to the board of commissioners of the city of Waco for permission to engage in the business of supplying the inhabitants of the city of Waco with milk, butter, and milk-food products.

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

"Any conviction in the corporation court of the city of Waco shall immediately operate as a forfeiture of the license herein referred to, provided that if appeal be had from such conviction to the county court and the person appealing is acquitted in the county court, said forfeiture shall be thereby set aside, but it is intended and declared that said forfeiture shall remain in effect pending such appeal.

"A qualified veterinarian is here defined to be one graduated from a standard veterinary college and having the required qualifications also to make tuberculin tests as required by the city ordinance, and to pass generally on the health condition of dairy cows—having special reference to their milk as food product.

"He shall submit his credentials to the board of health of the city, who, if satisfied with his qualifications, will recommend him for approval to the city commissioners.

"The board of commissioners may, upon presentation to them of the affidavit and credentials herein provided for, grant to the person applying by such affidavit, a

license to carry on the business at the place, and as described in said affidavit for the unexpired part of the current license period as fixed by this ordinance, unless the same is sooner revoked as provided herein. The said license may be granted on motion made and carried in a regular meeting of the board of commissioners, and entered of record upon the minutes of said board, whereupon the city secretary shall issue such license under the seal of the city, and a fee of \$1 shall be charged therefor.

"All dairies licensed by the city of Waco shall be numbered and so registered in the city secretary's office.

"Their license shall indicate their number and all reference to them by veterinarians and inspectors shall be by their respective registered number.

"All wagons, cans, bottles, or vessels of any kind used to transport or deliver milk or milk products in the city of Waco shall bear the dairy's registered number, under penalty for noncompliance.

"Any person engaging in the business of selling milk or butter or supplying any of the inhabitants of the city of Waco with milk or butter or milk food products without first obtaining a license therefor, as provided by this article, or the agent or employee of any such person, or any such person, his agent or employee who shall fail to comply with any of the provisions of this article or engage in or aid or assist in conducting such business without having complied with all of the provisions of this article, or who shall violate any of the provisions hereof, shall for each and every offense be fined in any sum not less than \$10 nor more than \$100, and each day shall constitute a separate offense.

"When any person's license has been revoked by conviction, as herein provided, the board of commissioners shall not again grant such person a license after the first conviction within a period of three months, and after the second conviction shall not grant such license at all.

"ART. 26. Any person who shall violate any of the provisions of this ordinance, or any person, his agents or employees, who shall offer for sale or sell milk to any person in the city of Waco without first complying with all the provisions of this ordinance, or which said milk comes from a dairy not conducted or constructed in the manner required by this ordinance, or from any animal the sale of whose milk is not permitted, or is prohibited by the provisions of this ordinance, shall be deemed guilty of a misdemeanor and upon conviction fined in any sum not less than \$10 nor more than \$100, and each day shall constitute a separate offense: *Provided*, That it is not intended by this ordinance to supersede, set aside, or repeal in effect the State law, and it is contemplated and intended, when the facts are sufficient to constitute a breach of the State law, prosecutions shall be had under such State law even though the circumstances might also involve and constitute a violation of this ordinance, it being intended that prosecutions shall be had under this ordinance only when the facts, acts, or circumstances do not constitute a violation of the State law." [Ordinance passed July 14, 1911.]



## PLAGUE-PREVENTION WORK.

### INFECTED GROUND SQUIRRELS.

During the week ended August 26, 1911, the finding of 22 plague-infected ground squirrels was reported. The squirrels were found as follows: In Alameda County, Cal., August 9, at G. Enos ranch,  $4\frac{1}{2}$  miles northeast of Haywards, 1 squirrel. In Contra Costa County, Cal., July 29, at Buckly ranch, 4 miles east of Berkeley, 1 squirrel; at Mazone ranch, 3 miles east of Stege and  $\frac{1}{2}$  mile northeast of Sunset View Cemetery on Wildcat Creek, 2 squirrels on August 4, 2 on August 9, 2 on August 14, and 1 on August 15; at Peoples Water Co. land,  $2\frac{1}{2}$  miles north of Stege on Wildcat Creek (Rancho San Pablo), 2 squirrels on July 24, 2 on August 7, 1 on August 8, 1 August 12, 1 August 15, 2 August 16, 1 August 21, and 2 on August 24, 1911. In Monterey County, Cal., at Berta ranch, 24 miles southwest of Salinas, 1 ground squirrel on August 6.

### DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay, 1,570 acres of land in Alameda County and 1,744 acres in Contra Costa County were covered with poison during the week ended August 26, 1911.

During the same period 1,188 acres of land in San Joaquin County and 1,100 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Aug. 9, 1911.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 27, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	Oct. 17, 1909.....	Aug. 9, 1911.....	108 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1911.....	None.....	Aug. 24, 1911.....	306 squirrels.
Merced.....	None.....	do.....	July 13, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	Aug. 6, 1910.....	Do.
San Benito.....	June 5, 1910.....	do.....	June 8, 1911.....	22 squirrels.
San Joaquin.....	None.....	do.....	June 29, 1911.....	17 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911.....	13 squirrels.
Washington:				
Cities—				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

## Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Aug. 26, 1911		<sup>1</sup> 120	66	None.
Oakland.....	do.....	28	<sup>2</sup> 650	487	Do.
San Francisco.....	do.....	37	<sup>3</sup> 1,645	1,098	Do.
Washington:					
City—					
Seattle.....	do.....		1,121	956	

<sup>1</sup> Identified, *Mus norvegicus* 75, *Mus musculus* 45.<sup>2</sup> Identified, *Mus norvegicus* 566, *Mus musculus* 84.<sup>3</sup> Identified, *Mus norvegicus* 964, *Mus musculus* 323, *Mus rattus*, 191, *Mus alexandrinus* 167.

## Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Aug. 26	234	10	175	1
Butte.....	do.....	23		23	
Contra Costa.....	do.....	142	78	200	20
Fresno.....	do.....	5		5	
Glenn.....	do.....	181		176	
Lake.....	do.....	218		199	
Mendocino.....	do.....	179	2	181	
Merced.....	do.....	91	16	107	
Monterey.....	do.....	225		202	1
Plumas.....	do.....	81		31	
San Benito.....	do.....	27		27	
San Joaquin.....	do.....	110	12	122	
Sonoma.....	do.....	43		43	
Stanislaus.....	do.....	309	5	224	
Sutter.....	do.....	52		52	
Tehama.....	do.....	115		115	
Yolo.....	do.....	165		122	
Oregon:					
County—					
Jackson.....	do.....	71		71	
Total.....		2,221	123	2,075	22

## Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Alameda.....	Aug. 26	3 rabbits	3	
Butte.....	do.....	1 rabbit	1	
Fresno.....	do.....	3 rabbits, 11 chipmunks	9	
Lake.....	do.....	2 rabbits	2	
Merced.....	do.....	3 rabbits	3	
Monterey.....	do.....	1 rabbit	1	
Plumas.....	do.....	5 rabbits	5	
Sonoma.....	do.....	2 rabbits	2	
Stanislaus.....	do.....	5 rabbits	5	
Sutter.....	do.....	10 rabbits	10	
Tehama.....	do.....	20 rabbits	20	
Yolo.....	do.....	3 rabbits, 1 field mouse	3	
Total.....			64	

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## Reports Received During Week Ended Sept. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Connecticut:				
County—				
Middlesex.....	Aug. 1-31.....	1		
Iowa:				
Counties—				
Linn.....	Aug. 1-31.....	3		
Marshall.....	do.....	1		
Pottawattamie.....	do.....	5		
Wapello.....	do.....	3		
Total for State.....		12		
Maine:				
County—				
Androscoggin.....	Aug. 1-31.....	3		
*Missouri:				
St. Louis.....	Aug. 27-Sept. 2....	1		
New Jersey.....	Aug. 1-31.....			No cases.
New York:				
Counties—				
Cattaraugus.....	July 1-31.....	1		
Erie.....	do.....	6		
Onondaga.....	do.....	4		
Schoharie.....	do.....	11		
Steuben.....	do.....	1		
Wayne.....	do.....	1		
Wyoming.....	do.....	1		
Total for State.....		25		
North Dakota:				
Counties—				
Cass.....	Aug. 1-31.....	1		
McKenzie.....	do.....	1		
Nelson.....	do.....	4		
Total for State.....		6		
Oregon:				
Counties—				
Douglas.....	Apr. 1-30.....	1		
Linn.....	do.....	1		
Multnomah.....	do.....	3		
Washington.....	do.....	3		
Total for State.....		8		
Benton.....	May 1-31.....	1		
Morrow.....	do.....	1		
Multnomah.....	do.....	5		
Washington.....	do.....	3		
Total for State.....		10		
Baker.....	June 1-30.....	1		
Multnomah.....	do.....	2		
Union.....	do.....	1		
Wasco.....	do.....	1		
Washington.....	do.....	1		
Yamhill.....	do.....	1		
Total for State.....		7		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Sept. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Utah:</b>				
<b>Counties—</b>				
Beaver.....	June 1-30.....	1		
Boxelder.....	do.....	9		
Cache.....	do.....	2		
Carbon.....	do.....	62		
Emery.....	do.....	41		
Garfield.....	do.....	12		
Rich.....	do.....	15		
Salt Lake.....	do.....	17		
Sanpete.....	do.....	6		
Sevier.....	do.....	9		
Tooele.....	do.....	6		
Uintah.....	do.....	1		
Utah.....	do.....	10		
Weber.....	do.....	2		
Total for State.....		193		
<b>July 1-31.</b>				
Beaver.....	do.....	1		
Boxelder.....	do.....	4		
Carbon.....	do.....	28		
Emery.....	do.....	37	1	
Garfield.....	do.....	1		
Juab.....	do.....	4		
Rich.....	do.....	1		
Salt Lake.....	do.....	4		
Sevier.....	do.....	12		
Utah.....	do.....	6		
Weber.....	do.....	2		
Total for State.....		100	1	

## Reports Received from July 1 to Sept. 8, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
<b>*Alabama:</b>				
Mobile.....	June 18-24.....	3		
Montgomery.....	June 25-Aug. 19....	4		
Total for State.....		7		
<b>Arizona:</b>				
<b>Counties—</b>				
Cochise.....	July 1-31.....	1		
<b>California:</b>				
<b>Counties—</b>				
Los Angeles.....	May 1-June 30....	7		
Santa Cruz.....	May 1-31.....	1		
San Diego.....	do.....	1		
San Francisco.....	May 1-June 30....	2		
Total for State.....		11		
<b>Colorado:</b>				
<b>Counties—</b>				
Boulder.....	June 1-30.....	1		
Chaffee.....	do.....	3		
Clear Creek.....	do.....	5		
Conejos.....	do.....	4		
Costilla.....	do.....	1		
Delta.....	do.....	7		
Denver.....	do.....	20		
El Paso.....	do.....	2		
Huerfano.....	do.....	3		
Lake.....	do.....	6		
La Plata.....	do.....	4		
Larimer.....	do.....	8		
Lincoln.....	do.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado—Continued.</b>				
<b>Counties—Continued.</b>				
Mesa.....	June 1-30.....	1		
Phillips.....	.....do.....	1		
Pueblo.....	.....do.....	5		
San Miguel.....	.....do.....	1		
Washington.....	.....do.....	6		
Total for State.....		80		
<b>Connecticut, entire State.....</b>				
Middlesex County.....	July 1-31.....	1		May 1-31, no cases.
District of Columbia.....	July 2-8.....	5		
<b>Florida:</b>				
<b>Counties—</b>				
Alachua.....	Aug. 20-26.....	3		
Bradford.....	July 17-Aug. 19.....	5		
Citrus.....	July 9-22.....	2		
Columbia.....	July 2-8.....	1		
De Soto.....	June 16-Aug. 26.....	7		
Duval.....	June 16-Aug. 26.....	36	1	
Escambia.....	June 16-Aug. 26.....	7		
Gadsden.....	July 9-Aug. 16.....	49		
Hillsboro.....	June 16-Aug. 26.....	3		
Jackson.....	July 2-8.....	31		
Leon.....	June 16-July 8.....	11		
Levy.....	July 9-16.....	1		
Manatee.....	June 16-July 8.....	8		
Marion.....	July 9-16.....	1		
Orange.....	June 16-July 16.....	2		
Pasco.....	July 9-16.....	20		
Polk.....	June 16-July 16.....	5		
Santa Rosa.....	July 9-16.....	6		
Sumter.....	Aug. 1-6.....	1		
Volusia.....	July 9-16.....	1		
Washington.....	Aug. 1-26.....	8		
Total for State.....		208	1	
<b>Indiana:</b>				
<b>Counties—</b>				
Allen.....	June 1-30.....	1		
Bartholomew.....	July 1-31.....	1		
Benton.....	June 1-30.....	2		
Blackford.....	.....do.....	4		
Clarke.....	July 1-31.....	2		
Clinton.....	June 1-30.....	7		
Delaware.....	.....do.....	12		
Franklin.....	July 1-31.....	1		
Henry.....	.....do.....	1		
Howard.....	June 1-July 31.....	30		
Jay.....	June 1-30.....	2		
Laporte.....	.....do.....	2		
Madison.....	June 1-July 31.....	18		
Marion.....	.....do.....	4		
Parke.....	.....do.....	3		
Posey.....	June 1-30.....	3		
Shelby.....	.....do.....	3		
Tippecanoe.....	July 1-31.....	2		
Tipton.....	June 1-30.....	5		
Vanderburg.....	.....do.....	1	1	
Vigo.....	July 1-31.....	7		
Wabash.....	June 1-30.....	2		
Wayne.....	June 1-July 31.....	13		
Total for State.....		126	1	
<b>Iowa:</b>				
<b>Counties—</b>				
Adams.....	June 1-July 31.....	19		
Appanoose.....	June 1-30.....	1		
Blackhawk.....	.....do.....	4		
Carroll.....	.....do.....	1		
Davis.....	.....do.....	3		
Decatur.....	July 1-31.....	2		
Fremont.....	June 1-30.....	11		
Henry.....	.....do.....	1		
Johnson.....	July 1-31.....	13		
Lee.....	June 1-30.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Iowa—Continued.</b>				
<b>Counties—Continued.</b>				
Linn.....	July 1-31.....	6		
Marshall.....	do.....	8		
Mills.....	June 1-30.....	1	1	
Polk.....	July 1-31.....	13		
Pottawattamie.....	do.....	14		
Scott.....	do.....	6		
Sioux.....	do.....	8		
Taylor.....	do.....	9		
Wapello.....	June 1-30.....	2		
Wright.....	do.....	1		
Woodbury.....	July 1-31.....	1		
Total for State.....		125	1	
<b>Kansas:</b>				
<b>Counties—</b>				
Allen.....	May 1-31.....	7		
Anderson.....	June 1-30.....	15		
Atchison.....	May 1-June 30.....	2		
Barton.....	do.....	8		
Clay.....	May 1-31.....	1		
Cloud.....	do.....	1		
Crawford.....	May 1-June 30.....	17		
Dickinson.....	May 1-31.....	13		
Doniphan.....	do.....	15		
Douglas.....	May 1-June 30.....	2		
Elk.....	May 1-31.....	15		
Ellsworth.....	June 1-30.....	1		
Franklin.....	May 1-31.....	4		
Graham.....	May 1-June 30.....	3		
Harvey.....	do.....	20		
Haskell.....	May 1-31.....	19		
Jefferson.....	May 1-June 30.....	3		
Johnson.....	do.....	5		
Kearny.....	June 1-30.....	1		
Labette.....	May 1-June 30.....	8		
Lane.....	June 1-30.....	11		
Leavenworth.....	May 1-June 30.....	3		
Marion.....	May 1-31.....	3		
Marshall.....	do.....	3		
Miami.....	May 1-31.....	3		
Mitchell.....	do.....	6		
Montgomery.....	do.....	5		
Norton.....	June 30.....	9		
Osage.....	May 1-31.....	1	3	
Pottawatomie.....	do.....	2		
Reno.....	do.....	3		
Republic.....	do.....	1		
Rice.....	June 30.....	13		
Riley.....	May 1-June 30.....	9		
Rooks.....	May 1-31.....	4		
Saline.....	May 1-June 30.....	7		
Sedgwick.....	do.....	8		
Shawnee.....	do.....	22	1	
Sherman.....	June 1-30.....	1		
Smith.....	May 1-31.....	18		
Thomas.....	do.....	2		
Washington.....	do.....	1		
Wyandotte.....	May 1-June 30.....	25		
Total for State.....		320	4	
<b>*Kentucky:</b>				
Covington.....	July 2-22.....	10		
Louisville.....	May 1-31.....	4		
Total for State.....		14		
<b>*Louisiana:</b>				
<b>Parishes—</b>				
Ascension.....	Mar. 1-31.....	21		
Morehouse.....	Apr. 1-30.....	4		
<b>Orleans—</b>				
New Orleans.....	June 25-Aug. 13.....	4		
St. Tammany.....	Mar. 1-31.....	3		
Tangipahoa.....	Mar. 1-Apr. 30.....	21		
Total for State.....		53		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Maine, entire State.....				July 1-31, no cases.
County—				
Somerset.....	June 1-30.....	3		
Maryland:				
Counties—				
Frederick.....	July 1-31.....	3		
Prince Georges.....	do.....	1		
Washington.....	June 1-30.....	1		
Total for State.....		5		
Massachusetts.....				Do.
County—				
Middlesex.....	June 1-30.....	1		
Michigan:				
Counties—				
Antrim.....	June 1-30.....	2		
Calhoun.....	June 1-July 31.....	12		
Cheboygan.....	July 1-31.....	10		
Grand Traverse.....	June 1-30.....	6		
Isabella.....	do.....	1		
Mackinac.....	June 1-July 31.....	3		
Marquette.....	June 1-30.....	1		
Millford.....	July 1-31.....	1		
Montcalm.....	do.....	6		
Muskegon.....	do.....	2		
Oakland.....	June 1-30.....	1		
Ottawa.....	do.....	1		
St. Clair.....	June 1-July 31.....	9		
Shiawassee.....	June 1-30.....	1		
Washtenaw.....	June 1-July 31.....	6		
Wayne.....	June 1-30.....	5		
Total for State.....		67		
Minnesota:				
Counties—				
Ramsey.....	Mar. 1-31.....		1	Cases in March, reported on p. 683, vol. 1.
	May 1-31.....		1	
Brown.....	June 20-26.....	2		
Carver.....	June 1-5.....	1		
Dodge.....	July 4-21.....	4		
Faribault.....	June 6-17.....	2		
Fillmore.....	June 6-12.....	1		
Goodhue.....	July 25-31.....	1		
Hennepin.....	June 1-July 17.....	32		
Houston.....	July 25-31.....	1		
Lac qui Parle.....	June 1-19.....	4		
Mille Lacs.....	June 1-5.....	1		
Otter Tail.....	June 1-July 31.....	6		
Ramsey.....	June 1-5.....	26		
St. Louis.....	June 21-July 31.....	7		
Wadena.....	July 11-17.....	1		
Yellow Medicine.....	June 1-26.....	35		
Total for State.....		124	2	
* Missouri:				
Kansas City.....	June 1-30.....	17		
St. Louis.....	June 18-24.....	1		
Total for State.....		18		
Montana.....				June 1-30, no cases.
Counties—				
Beaverhead.....	July 1-31.....	1		
Cascade.....	do.....	1		
Jefferson.....	do.....	4		
Park.....	do.....	1		
Powell.....	do.....	2		
Silver Bow.....	do.....	3		
Teton.....	do.....	3		
Yellowstone.....	do.....	1		
Total for State.....		16		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Nebraska:				
Lincoln.....	Feb. 1-June 30.....	200		July 1-31, no cases.
Omaha.....	June 19-Aug. 19.....	4		
South Omaha.....	Aug. 20-26.....	1		
Total for State.....		205		
New Jersey.....				June 1-30, no cases.
County—				
Middlesex.....	July 1-31.....	1		
New York.....	June 1-30.....	1		
Counties—				
Erie.....	do.....	12		
Clinton.....	do.....	1		
Franklin.....	do.....	1		
Monroe.....	do.....	4		
Onondaga.....	do.....	3		
Otsego.....	do.....	1		
St. Lawrence.....	do.....	4		
Tioga.....	do.....	1		
Ulster.....	do.....	5		
Total for State.....		33		
North Carolina:				
Counties—				
Alamance.....	June 1-July 31.....	2		
Avery.....	do.....	56		
Bertie.....	do.....	2		
Catawba.....	June 1-30.....	1		
Chatham.....	do.....	2		
Craven.....	do.....	3		
Cumberland.....	June 1-July 31.....	5		
Currituck.....	July 1-31.....	1		
Duplin.....	do.....	3		
Durham.....	do.....	4		
Edgecombe.....	June 1-30.....	4		
Granville.....	July 1-31.....	5		
Haywood.....	June 1-30.....	3		
Henderson.....	do.....	4		
Johnston.....	July 1-31.....	1		
Mecklenburg.....	do.....	3		
New Hanover.....	June 1-July 31.....	7		
Pasquotank.....	June 1-30.....	2		
Robeson.....	July 1-31.....	2		
Rowan.....	June 1-July 31.....	2		
Sampson.....	July 1-31.....	1		
Warren.....	do.....	2		
Watauga.....	June 1-30.....	2		
Wayne.....	July 1-31.....	1		
Wilmington.....	do.....	3		
Total for State.....		121		
North Dakota:				
Counties—				
Billings.....	June 1-July 31.....	8		
Lamoure.....	July 1-31.....	1		
Morton.....	June 1-30.....	1		
Montraille.....	do.....	6		
Ward.....	do.....	1		
Total for State.....		17		
Ohio:				
Counties—				
Ashtabula.....	June 1-July 31.....	3		
Brown.....	June 1-30.....	4		
Clark.....	July 1-31.....	19		
Clermont.....	June 1-30.....	3		
Defiance.....	do.....	1		
Franklin.....	July 1-31.....	44		
Geauga.....	June 1-30.....	2		
Hamilton.....	July 1-31.....	16		
Licking.....	do.....	1		
Lorain.....	do.....	1		
Lucas.....	do.....	5		
Pickaway.....	do.....	5		
Sandusky.....	June 1-30.....	4		
Total for State.....		110		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma:</b>				
Counties—				
Bryan.....	June 1-30.....	1		
Caddo.....	May 1-31.....	1		
Carter.....	June 1-30.....	1		
Cleveland.....	May 1-June 30.....	49		
Comanche.....	June 1-30.....	1		
Craig.....	do.....	6		
Custer.....	May 1-31.....	5		
Dewey.....	do.....	6		
Ellis.....	June 1-30.....	3		
Garvin.....	May 1-31.....	19		
Haskell.....	May 1-June 30.....	2		
Hughes.....	May 1-31.....	3		
Jefferson.....	May 1-June 30.....	7		
Johnson.....	May 1-31.....	3		
Kay.....	do.....	6		
Kingfisher.....	do.....	1		
Kiowa.....	do.....	1		
Le Flore.....	May 1-June 30.....	3		
Logan.....	June 1-30.....	1		
McClain.....	May 1-31.....	18		
McIntosh.....	do.....	1		
Nowata.....	May 1-June 30.....	2		
Okfuskee.....	May 1-31.....	1		
Oklahoma.....	May 1-June 30.....	10		
Pittsburg.....	June 1-30.....	1		
Pontotoc.....	May 1-31.....	5		
Pottawatomie.....	June 1-30.....	3		
Pushmataha.....	May 1-31.....	2		
Roger Mills.....	May 1-June 30.....	6		
Seminole.....	do.....	16		
Tulsa.....	do.....	10		
Wagoner.....	May 1-31.....	1		
Washington.....	June 1-30.....	1		
Washita.....	May 1-June 30.....	2		
Woodward.....	May 1-31.....	1		
Total for State.....		199		
Pennsylvania.....	May 1-June 30.....	79		
<b>Rhode Island:</b>				
Providence.....	June 15-July 14.....	3		
<b>* South Carolina:</b>				
Port Royal.....	July 22.....	1		
<b>South Dakota:</b>				
Counties—				
Aurora.....	June 1-July 31.....	3		
Beadle.....	May 1-31.....	13		
Brookings.....	Apr. 1-30.....	9		
Brown.....	Apr. 1-June 30.....	10		
Brule.....	Apr. 1-May 21.....	6		
Charles Mix.....	June 1-30.....	1		
Codington.....	June 1-July 31.....	7		
Davison.....	May 1-July 31.....	7		
Day.....	June 1-30.....	1		
Dewey.....	do.....	4		
Fall River.....	Apr. 1-May 31.....	18		
Grant.....	do.....	4		
Hanson.....	May 1-31.....	1		
Hughes.....	June 1-30.....	1		
Hutchinson.....	Apr. 1-30.....	1		
Jerauld.....	May 1-June 30.....	6		
Kingsbury.....	Apr. 1-May 31.....	8		
Lawrence.....	Apr. 1-July 31.....	7		
Lincoln.....	do.....	1		
Lyman.....	Apr. 1-May 31.....	16	1	
McCook.....	do.....	11		
Miner.....	Apr. 1-June 30.....	5		
Minnehaha.....	do.....	15		
Pennington.....	do.....	48		
Sanborn.....	May 1-31.....	3		
Spink.....	Apr. 1-July 31.....	7		
Tripp.....	Apr. 1-June 30.....	7		
Turner.....	July 1-31.....	5		
Total for State.....		225	1	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.	
<b>* Tennessee:</b>					
Counties—					
Knox—					
Knoxville.....	June 18-July 22...	9	.....	Omitted on p. 813, vol. 1.	
Shelby.....	June 1-30.....	9	.....		
Total for State.....		18	.....		
<b>Texas:</b>					
Counties—	May 1-31.....	12	.....		
Denton.....	Apr. 1-30.....	4	.....		
Bell.....	June 1-30.....	2	.....		
Cameron.....	May 1-July 31.....	26	.....		
Childress.....	June 1-30.....	1	.....		
Collin.....	May 1-31.....	5	.....		
Dallas.....	do.....	13	.....		
Denton.....	do.....	1	.....		
El Paso.....	May 1-July 31.....	11	.....		
Floyd.....	May 1-31.....	3	.....		
Galveston.....	May 1-June 30.....	7	.....		
Hall.....	do.....	4	.....		
Harris.....	May 1-July 31.....	5	.....		
Hidalgo.....	May 1-31.....	3	.....		
Hunt.....	June 1-July 31.....	5	.....		
Marion.....	May 1-31.....	1	.....		
McLennan.....	do.....	1	.....		
Navarro.....	do.....	32	.....		
Nueces.....	do.....	5	.....		
Tarrant.....	May 1-June 30.....	9	.....		
Titus.....	May 1-31.....	5	.....		
Victoria.....	July 1-31.....	1	.....		
Wayne.....	June 1-30.....	5	.....		
Wichita.....	May 1-31.....	6	.....		
Total for State.....		167	.....		
<b>Utah:</b>					
Counties—	May 1-31.....	16	.....		
Beaver.....	do.....	18	.....		
Boxelder.....	do.....	12	.....		
Cache.....	do.....	9	1		
Carbon.....	do.....	4	.....		
Emery.....	do.....	1	.....		
Garfield.....	do.....	9	.....		
Piute.....	do.....	13	.....		
Salt Lake.....	do.....	16	.....		
Sanpete.....	do.....	18	.....		
Sevier.....	do.....	27	.....		
Tooele.....	do.....	1	.....		
Uinta.....	do.....	2	1		
Utah.....	do.....	1	.....		
Washington.....	do.....	7	.....		
Weber.....	do.....				
Total for State.....		154	2		
<b>Virginia:</b>					
Counties—					
Brunswick.....	Mar. 1-May 31.....	49	.....		
Campbell.....	May 1-June 30.....	1	.....		
Dinwiddie.....	Apr. 1-May 31.....	19	.....		
Fairfax.....	Mar. 1-Apr. 30.....	4	.....		
Fauquier.....	Apr. 1-May 30.....	6	.....		
Greenville.....	July 1-31.....	4	.....		
Hanover.....	Mar. 1-July 31.....	3	.....		
Henrico.....	Mar. 1-June 30.....	14	.....		
Henry.....	do.....	74	.....		
Isle of Wight.....	May 1-31.....	1	.....		
Lancaster.....	do.....	1	.....		
Lee.....	Mar. 1-July 31.....	101	.....		
Loudoun.....	Mar. 1-31.....	1	.....		
Mecklenburg.....	Mar. 1-June 30.....	18	.....		
Nansemond.....	Mar. 1-May 31.....	21	.....		
Norfolk.....	Apr. 1-May 31.....	26	.....		
Northampton.....	Apr. 1-30.....	1	.....		
Page.....	do.....	8	.....		
Pittsylvania.....	Mar. 1-July 31.....	46	.....		
Prince William.....	Mar. 1-31.....	1	.....		
Princess Anne.....	do.....	1	.....		
Roanoke.....	May 1-31.....	1	.....		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Virginia—Continued.</b>				
<b>Counties—Continued.</b>				
Southampton.....	Mar. 1-Apr. 30....	9	.....	
Surry.....	Mar. 1-31.....	2	.....	
Sussex.....	Mar. 1-June 30....	7	.....	
Wm.....	do.....	15	.....	
Total for State.....		434	.....	
<b>Washington:</b>				
<b>Counties—</b>				
Chehalis.....	May 1-31.....	2	.....	
Chelan.....	do.....	1	.....	
Columbia.....	do.....	5	.....	
Cowlitz.....	do.....	1	.....	
Garfield.....	do.....	3	.....	
King.....	do.....	27	.....	
Mason.....	do.....	28	.....	
Pierce.....	do.....	7	.....	
San Juan.....	do.....	1	.....	
Skagit.....	do.....	4	.....	
Spokane.....	do.....	5	.....	
Thurston.....	do.....	1	.....	
Whatcom.....	do.....	5	.....	
Whitman.....	do.....	17	.....	
Yakima.....	do.....	35	.....	
Total for State.....		142	.....	
<b>Wisconsin:</b>				
<b>Counties—</b>				
Ashland.....	June 1-30.....	1	.....	
Barron.....	do.....	3	.....	
Douglas.....	do.....	2	.....	
Iowa.....	do.....	8	.....	
Milwaukee.....	do.....	1	.....	
Vilas.....	do.....	1	.....	
Wood.....	do.....	2	.....	
Total for State.....		18	.....	
Grand total for the United States.....		3,112	12	

## PLAGUE IN THE UNITED STATES.

Reports Received from July 25 to Sept. 8, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
<b>Counties—</b>				
Alameda—				
Oakland.....	Aug. 8.....	1	.....	Infection received at Pinol Ca-
Contra Costa.....	July 25-26.....	1	1	nion, Contra Costa County, Cal.
				1 mile nw. of Lafayette.

## MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES,  
FOR WEEK ENDED AUGUST 26, 1911.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having over 500,000 inhabitants.														
Baltimore, Md.	558,485	181	13	1	14	1	6	0	22	31	89	4	1	4
Boston, Mass.	670,585	205	29	1	14	1	18	0	37	13	19	1	1	1
Chicago, Ill.	2,185,283	569	67	12	7	1	48	3	143	53	39	8	1	8
Cleveland, Ohio.	560,663	156	28	4	13	4	33	4	31	10	22	2	1	2
New York, N. Y.	4,766,883	1,339	183	19	126	9	71	6	443	145	143	31	10	31
Philadelphia, Pa.	1,549,008	464	3	5	6	1	1	1	57	34	7	31	7	31
St. Louis, Mo.	687,029	174	12	5	6	1	1	1	34	14	34	6	1	6
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y.	423,715	149	20	2	2	4	1	1	25	13	15	6	1	6
Cincinnati, Ohio.	364,463	118	7	1	5	2	25	1	40	18	3	1	1	1
Los Angeles, Cal.	319,198	104	2	1	2	2	4	1	11	19	12	1	1	1
Milwaukee, Wis.	373,857	94	13	4	3	4	4	1	7	3	4	2	1	2
Newark, N. J.	347,469	109	13	4	1	2	4	1	14	11	5	2	1	2
New Orleans, La.	339,075	120	6	4	4	17	2	1	25	17	11	1	1	1
San Francisco, Cal.	416,912	96	4	24	2	2	2	2	18	10	5	1	1	1
Washington, D. C.	331,069	118	2	5	10	10	1	1	11	15	13	2	1	2
Cities having from 200,000 to 300,000 inhabitants.														
Jersey City, N. J.	267,779	81	1	1	1	1	1	1	12	8	3	1	1	1
Kansas City, Mo.	248,381	77	8	1	1	1	1	1	2	7	11	3	1	3
Providence, R. I.	224,326	55	1	1	1	1	1	1	2	7	11	3	1	3
St. Paul, Minn.	214,744		1	1	1	1	1	1	2	7	11	3	1	3
Seattle, Wash.	237,194		1	1	1	1	1	1	2	7	11	3	1	3
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.	102,054	25	1	1	1	1	1	1	5	2	4	1	1	1
Cambridge, Mass.	104,839	20	9	1	1	2	5	1	2	3	4	1	1	1
Columbus, Ohio.	181,548	40	1	1	2	5	1	1	4	6	1	1	1	2
Dayton, Ohio.	116,577	32	1	1	1	1	1	1	2	5	1	1	1	1
Fall River, Mass.	119,295	41	1	1	1	1	1	1	3	3	5	1	1	1
Grand Rapids, Mich.	112,571	33	1	1	1	1	1	1	1	3	4	1	1	1
Lowell, Mass.	106,294	25	3	1	1	1	1	1	2	3	1	1	1	1
Nashville, Tenn.	110,364	26	1	1	1	2	1	1	5	2	11	1	1	1
Omaha, Nebr.	124,086		6	1	1	1	1	1	3	2	1	1	1	1
Spokane, Wash.	104,402	23	6	2	1	4	1	1	2	12	8	1	1	1
Toledo, Ohio.	168,497	48	7	2	1	5	1	1	7	8	3	1	1	1
Worcester, Mass.	145,986	36	2	1	1	4	1	1	3	2	3	1	1	1
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.	52,127	17	1	1	1	1	1	1	2	1	1	1	1	1
Bayonne, N. J.	55,545	22	1	1	1	1	1	1	3	2	1	1	1	1
Brockton, Mass.	56,878	11	1	1	1	1	1	1	2	1	1	1	1	1
Camden, N. J.	94,538		1	1	1	1	1	1			1	1	1	1
Covington, Ky.	53,270	10	1	1	1	2	1	2			2	1	1	1
Duluth, Minn.	78,466	18	1	1	1	1	1	2		2				
Evansville, Ind.	69,647	8	2	1	1	2	1	2		2	5			
Harrisburg, Pa.	64,186	25		1	1	1	1	7						
Hartford, Conn.	98,915	27	23	1	1	7	1	3			5	1		
Hoboken, N. J.	70,324		3	1	3	3	1	3		1				
Houston, Tex.	78,800	28	5	1	1	3	1			1		3		
Jacksonville, Fla.	57,699	24							1	2	8	2		
Johnstown, Pa.	55,482	18									1			
Lawrence, Mass.	85,892	40	2			1		1		4				
Lynn, Mass.	89,336	17				2		3						
Manchester, N. H.	70,063	20				2					3			
New Bedford, Mass.	96,652	48	1	2	1	1		7			4	1		
Oklahoma City, Okla.	64,205	17	2	1	3	1		1	1	1	11	2		
Passaic, N. J.	54,773	13	2	1	3	1		1	1	1	1			
Reading, Pa.	96,071	18	5	1	1	4		1	1	1	8	1		

## MORBIDITY AND MORTALITY—Continued.

*Morbidity and mortality table, cities of the United States, for week ended August 26—Continued.*

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 50,000 to 100,000 inhabitants—Con.														
San Antonio, Tex.	96,614	29	1				2				6		9	2
Schenectady, N. Y.	72,826	18					1				2		1	
South Bend, Ind.	53,684	20	1	1							2		2	1
Springfield, Ill.	51,678	10	1	1			1				2		3	
Springfield, Mass.	88,926	24	2		1						3	1		
Terre Haute, Ind.	58,157	15	2											1
Trenton, N. J.	96,815	24	5								7	3	6	
Wilkes-Barre, Pa.	67,105	18	3										3	1
Wilmington, Del.	87,411	21									2			
Yonkers, N. Y.	79,803	22			3		4				3		1	1
Cities having from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J.	46,150	16	1										3	
Auburn, N. Y.	34,668	21	1									1		
Aurora, Ill.	29,807	12					1							
Binghamton, N. Y.	48,443	15	1		3						2			
Brookline, Mass.	27,792	4	1								1		1	
Butte, Mont.	39,165	30	1								2			
Chelsea, Mass.	32,452	13	1		1						2		1	
Chicopee, Mass.	25,401	12					3				2	1	3	
Danville, Ill.	27,871	14	1				1				4	4		
East Orange, N. J.	34,371	7									4	2	1	
Elmira, N. Y.	37,176	7	2		1							2	1	
El Paso, Tex.	39,279	25					5		3		5	4	4	2
Everett, Mass.	33,484	5	1		1						1			
Haverhill, Mass.	44,115	8	1								2			
Hazleton, Pa.	25,452				1								1	
Kalamazoo, Mich.	39,437	8									1		2	
Knoxville, Tenn.	36,346	7										2	1	1
La Crosse, Wis.	30,417	7	1									1		
Lancaster, Pa.	47,227	12	2		1						2	1		
Lima, Ohio.	30,508	8	1		1		1						1	
Lynchburg, Va.	29,494	9	2				2				2		7	1
Malden, Mass.	44,404	8	1		1		1					2	2	
McKeesport, Pa.	42,694	10					2				2		3	
Montgomery, Ala.	38,136	25	6				3				1	1	1	1
Mount Vernon, N. Y.	30,919				2						1			
Newcastle, Pa.	36,280		11				1						1	
Newport, Ky.	30,309	11	1				1				1	1	1	1
Newton, Mass.	39,806	8									1			
Niagara Falls, N. Y.	30,445	10	1										3	1
Norristown, Pa.	27,875	13			2		1					1	3	
Orange, N. J.	29,630	8	2									2		
Pasadena, Cal.	30,291	5	1								1			
Pittsfield, Mass.	32,121	12	1				1							1
Portsmouth, Va.	33,190	8					3							
Racine, Wis.	38,002	9	1									2		
Roanoke, Va.	34,874	7	1								1		12	
Rockford, Ill.	45,401	24							2		1	3	1	
Salem, Mass.	43,697	21	1	1	1		3					1		
San Diego, Cal.	39,578	21					2				4	4	1	
South Omaha, Nebr.	26,259	7									1	1		
Superior, Wis.	40,384	9	2											
Taunton, Mass.	34,259	16	3	1							1			
Waltham, Mass.	27,834	7					1					1		
West Hoboken, N. J.	35,403	3												
Wheeling, W. Va.	41,641	10	1		1						4	1	1	
Williamsport, Pa.	31,860	8			2						1			
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.	14,817	9			1									
Bennington, Vt.		2												
Braddock, Pa.	19,357	5												
Butler, Pa.	20,728	2	3								5		4	

## MORBIDITY AND MORTALITY—Continued.

*Morbidity and mortality table, cities of the United States, for week ended August 26—Continued.*

Cities.	Popu- lation, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
* Cities having less than 25,000 inhabitants—Continued.														
Cambridge, Ohio.....	11,327	6									1	1	1	.....
Camden, S. C.....		2											1	.....
Carbondale, Pa.....	17,040	11					1							.....
Clinton, Mass.....	13,075	4	2											.....
Columbus, Ga.....		8												1
Columbus, Ind.....		3									1			.....
Concord, N. H.....	21,497	14										1		.....
Cumberland, Md.....	21,839	7									4		14	.....
Dunkirk, N. Y.....		7					1	1						.....
Galesburg, Ill.....	20,089	2												.....
Gloucester, Mass.....	24,308	9												.....
Greensboro, N. C.....	15,885	8			1								3	.....
Harrison, N. J.....	14,498	4			1									.....
Hyde Park, Mass.....	15,507	4									1			.....
La Fayette, Ind.....	12,081	4										1		.....
Lebanon, Pa.....	19,240				1									.....
Marinette, Wis.....	14,610	3												.....
Marlboro, Mass.....	14,579	5											1	.....
Massillon, Ohio.....	13,879	0	2											.....
Medford, Mass.....	23,150	4	1											.....
Melrose, Mass.....	15,715	6												.....
Moline, Ill.....	24,199	9	1				3					1	13	.....
Montclair, N. J.....	21,150	7										1		.....
Morristown, N. J.....	12,507	5					1					1	2	1
Mount Vernon, N. Y.....					2						1			.....
Nanticoke, Pa.....	18,877	3												.....
Newbury, Mass.....	19,949	4									2		1	.....
North Adams, Mass.....	22,019	7												.....
Northampton, Mass.....	19,431	12	1	1										.....
Ottumwa, Iowa.....	22,012	8					4						3	.....
Palmer, Mass.....		5												.....
Pekskill, N. Y.....		12	3								1	1	2	.....
Pottstown, Pa.....		4											6	.....
Rutland, Vt.....		4												.....
Saratoga Springs, N. Y.....		7										1		.....
South Bethlehem, Pa.....	19,473	11											1	.....
Steelton, Pa.....	14,246	2	4				1				1			.....
Wilkinsburg, Pa.....	11,080	5					1						1	.....
Woburn, Mass.....	15,308	7	1		1						2			.....

**STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated)**

**COLORADO**—*Colorado Springs*.—Month of April, 1911. Population, 29,078. Total number of deaths from all causes 36, including tuberculosis 18. Cases reported: Measles 8, scarlet fever 5, smallpox 1, typhoid fever 2.

Month of May, 1911. Total number of deaths from all causes 39, including tuberculosis 16. Cases reported: Diphtheria 1, measles 10, scarlet fever 20, smallpox 5.

Month of June, 1911. Total number of deaths from all causes 40, including tuberculosis 16, typhoid fever 1. Cases reported: Measles 4, scarlet fever 11, smallpox 2, typhoid fever 4.

**FLORIDA**.—Week ended August 26, 1911. Reports from the State board of health show diphtheria present at 2 localities with 4 cases,

malaria at 4 localities with 7 cases, scarlet fever in 1 county with 1 case, smallpox in 5 counties with 9 cases, tuberculosis at 4 localities with 6 cases, typhoid fever at 6 localities with 11 cases.

IOWA.—Month of July, 1911. Population, 2,224,771. Total number of deaths from all causes 1,756, including diphtheria 9, measles 3, scarlet fever 5, tuberculosis 109, typhoid fever 23.

MASSACHUSETTS.—Week ended July 1, 1911. Population of reporting towns, 2,565,623. Total number of deaths from all causes 664, including diphtheria 9, measles 5, scarlet fever 1, tuberculosis 69, typhoid fever 1. Cases reported: Diphtheria 102, measles 433, scarlet fever 71, tuberculosis 138, typhoid fever 25.

Week ended July 8, 1911. Population of reporting towns, 2,554,219. Total number of deaths from all causes 1,327, including diphtheria 7, measles 3, scarlet fever 2, tuberculosis 80, typhoid fever 5. Cases reported: Diphtheria 67, measles 242, scarlet fever 51, tuberculosis 84, typhoid fever 35.

Week ended July 15, 1911. Population of reporting towns, 2,554,219. Total number of deaths from all causes 1,140, including diphtheria 4, measles 4, scarlet fever 2, tuberculosis 77, typhoid fever 3. Cases reported: Diphtheria 68, measles 244, scarlet fever 65, tuberculosis 110, typhoid fever 48.

Week ended July 22, 1911. Population of reporting towns, 2,554,219. Total number of deaths from all causes 737, including diphtheria 5, measles 3, tuberculosis 70, typhoid fever 4. Cases reported: Diphtheria 69, measles 163, scarlet fever 36, tuberculosis 138, typhoid fever 41.

Week ended July 29, 1911. Population of reporting towns, 2,554,219. Total number of deaths from all causes 737, including diphtheria 7, measles 4, scarlet fever 1, tuberculosis 65, typhoid fever 2. Cases reported: Diphtheria 69, measles 85, scarlet fever 46, tuberculosis 120, typhoid fever 50.

MICHIGAN.—Month of July, 1911. Population, 2,810,173. Cases of communicable diseases reported: Diphtheria 178 in 55 localities, measles 112 in 39 localities, scarlet fever 153 in 54 localities, smallpox 29 in 11 localities, tuberculosis 146 cases, typhoid fever 210 cases.

MINNESOTA.—Month of May, 1911. Population, 2,075,708. Total number of deaths from all causes 1,718, including diphtheria 41, measles 30, scarlet fever 16, smallpox 1, tuberculosis 216, typhoid fever 16.

NEW JERSEY.—Month ended August 10, 1911. Population, 2,537,167. Total number of deaths from all causes 3,825, including diphtheria 26, measles 11, scarlet fever 20, tuberculosis 355, typhoid fever 31.

# FOREIGN AND INSULAR.

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## AUSTRIA.

### Fiume—Cholera.

Consul Slocum forwards, August 23, the following information received from the Hungarian ministerial councillor:

From August 13 to 16, 3 cases of cholera were reported at Fiume, occurring respectively August 13, August 15, and August 16. The cases were isolated and up to August 21 no additional cases had occurred.

Trieste free from Cholera.

The American vice consul at Trieste reported, September 4, that Trieste had been officially declared free from cholera since August 20.

## BRITISH EAST AFRICA.

### Plague.

Consul Weddell, at Zanzibar, reports, July 27:

From the beginning of the outbreak of plague in British East Africa to July 22, 33 cases with 16 deaths were reported at Nairobi and 49 cases with 32 deaths at Kismayu.

## CHINA.

### Hongkong—Plague—Plague Rats.

Surg. Brown reports, July 31:

During the week ended July 25, 11 cases of plague with 9 deaths were reported. During the same period 18 plague-infected rats were found among 1,903 collected.

## GIBRALTAR.

### Quarantine Restrictions Against Marseille.

The American consul at Gibraltar reports that the board of health of Gibraltar, on August 14, 1911, issued the following notice:

It has been decided by the board of health that vessels with foul bills of health from Marseille shall not be admitted to pratique unless they have been more than seven days out from that port and then only after medical inspection and subject to there being good health on board and to there having been no sickness either before departure or during the voyage.

## HAWAII.

### Record of Plague Infection.

The last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17,



1910; 2 fatal cases were reported January 31, 1911, and 1 fatal case was reported April 19.

The last plague-infected rat was found at Honokaa February 2, 1911. A plague-infected rat was found at Hilo during the week ended June 10, 1911.

Chief Quarantine Officer Ramus reports, August 21:

#### Honolulu.

*Week ended August 19, 1911.*

Total rats and mongoose taken.....	556
Rats trapped.....	540
Mongoose trapped.....	16
Rats examined bacteriologically.....	477
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	73
<i>Mus musculus</i> .....	176
<i>Mus norvegicus</i> .....	53
<i>Mus rattus</i> .....	238
Average number of traps set daily.....	1,720

#### INDIA.

##### Calcutta—Cholera and Plague.

Acting Asst. Surg. Allan reports, August 10 and 16:

During the week ended July 22, 13 deaths from cholera and 17 from plague were reported at Calcutta; in all Bengal, 66 cases of plague, with 60 deaths; in all India, 2,117 cases of plague, with 1,433 deaths.

During the week ended July 29 there were reported at Calcutta 7 deaths from cholera and 23 from plague; in all Bengal, 75 cases of plague, with 61 deaths; in all India, 2,835 cases of plague, with 1,927 deaths.

#### RUSSIA.

##### Cholera.

The report has been received through the Department of State that from August 25 to September 9 there were reported in Russia 174 cases of cholera, with 80 deaths.

#### SERVIA.

##### Measures Against Importation of Cholera from Turkey.

The minister of the interior of Servia issued on July 25, 1911, a notice that the passage of travelers and merchandise coming from Turkey would not be permitted except by railroad through the frontier stations of Ristovatz and Pirot, and that all other routes of entry were prohibited, and on July 28 the following:

As there is a danger that immigrants from the Ottoman Empire may bring with them the epidemic of cholera into Servia, in virtue of article 49 of the convention of Paris and of article 27 of the instructions for combating cholera, I hereby decree that from this day on the entering from the Ottoman Empire into Servia is forbidden to all immigrants, laborers, gypsies, and others coming in groups.

##### Belgrade—Cholera.

The American consul at Belgrade reported September 9 that cholera was present.

**TURKEY.****Constantinople—Cholera.**

From August 8 to 14 inclusive 263 cases of cholera and 139 deaths were reported in Constantinople. This makes a total of 624 cases with 332 deaths since the appearance of the disease May 21, 1911.

**Smyrna—Cholera.**

The American vice and deputy consul general at Smyrna reports that from August 1 to 13, inclusive, there were 51 cases of cholera with 36 deaths at Smyrna.

**ZANZIBAR.****Zanzibar—Examination of Rats.**

Consul Weddell reports:

During the three weeks ended June 30, 4,411 rats were collected and examined for plague infection. No plague-infected rat was found.

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.****Reports Received During Week Ended Sept. 15, 1911.**

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

**CHOLERA.**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Austria-Hungary:</b>				
Fiume.....	Aug. 9-19.....	3		
<b>Ceylon:</b>				
Colombo.....	July 23-29.....	1	2	
<b>India:</b>				
Calcutta.....	July 16-29.....		20	
Madras.....	Aug. 1-5.....	1		
<b>Indo-China:</b>				
Saigon.....	July 10-Aug. 6....	13	6	
<b>Java:</b>				
Batavia.....	July 23-29.....	9	4	
<b>Persia:</b>				
Mohammerah.....	July 29-Aug. 12...	93	76	
<b>Russia.</b>				Total for Russia, Sept. 5-11, 174 cases, 80 deaths.
Astrakhan.....	July 30-Aug. 12...	48	20	
Novoryssik.....	July 28-Aug. 3....	6		On British steamer Wakefield in Black Sea.
Odessa.....	Aug. 6-12.....	2	1	
Rostov on Don.....	Aug. 6-12.....	1		
Samara.....	July 30-Aug. 12...	31	9	
Saratov.....	do.....	63	28	
Simbirsk.....	Aug. 6-12.....	12	8	
Stavropol.....	do.....	1	1	
<b>Servia:</b>				
Belgrade.....	Sept. 9.....			Present.
<b>Straits Settlements:</b>				
Singapore.....	July 16-22.....	10	8	
<b>Turkey:</b>				
Kamaran.....	July 10-11.....	6	4	
Kavak.....	Aug. 1-8.....			Present.
Saloniki.....	Aug. 12.....	2		Among troops.

**YELLOW FEVER.**

<b>Brazil:</b>				
Pernambuco.....	July 1-15.....		1	
<b>Venezuela:</b>				
La Pastora.....	Aug. 5.....			Present.
San Juan.....	do.....	1		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended Sept. 15, 1911.

## PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton.....				No cases since July 15.
India:				
Bombay.....	Aug. 1-12.....	30	26	
Calcutta.....	July 16-29.....		40	
Kurrachi.....	Aug. 1-12.....	10	10	
Indo-China:				
Saigon.....	July 10-30.....	39	6	
Java:				
Paseroean Residency.....	July 23-29.....	35	11	
Mauritius.....	June 11-July 10.....	2	2	
Peru:				
Departments—				
Arequipa—				
Mollendo.....				July 10, present.
Callao—				
Callao, city.....				Aug. 3-10, 5 cases.
Chiclayo.....	July 9-22.....	2	1	
Libertad.....	do.....	1	1	Aug. 21, in vicinity of Moche.
Lima.....	do.....	2	1	
Venezuela:				
Santa Rosalla.....	Aug. 5.....	1		

## SMALLPOX.

Algeria:				
Algiers.....	June 1-July 31.....		5	
Argentina:				
Buenos Aires.....	June 1-30.....		34	
Rosario.....	do.....		50	
Brazil:				
Rio de Janeiro.....	July 31-Aug. 5.....	1		
Sao Paulo.....	May 15-21.....		1	
Ceylon:				
Colombo.....	July 23-Aug. 5.....	7	2	
Chile:				
Talcahuano.....	Aug. 5-11.....	5	1	
Egypt:				
Alexandria.....	July 1-31.....	5	1	
Cairo.....	July 17-Aug. 12.....	2		
France:				
Paris.....	Aug. 6-12.....	2		
India:				
Bombay.....	Aug. 1-12.....	10	8	
Madras.....	July 31-Aug. 5.....	9	4	
Indo-China:				
Saigon.....	July 10-30.....	17	9	
Italy:				
Genoa.....	Aug. 1-15.....	2		
Mexico:				
Mazatlan.....	Aug. 26.....			Abating.
Mexico.....	July 23-Aug. 5.....	22	15	
Nogales.....	Sept. 12.....	8		Cananea mines.
Juarez.....	Aug. 27-Sept. 2.....	5		
Porfirio Diaz.....	Sept. 2.....	3		
San Juan Bautista.....	Aug. 13-26.....			Increasing.
San Luis Potosi.....	Aug. 13-19.....	2	1	
Portugal:				
Lisbon.....	Aug. 2-8.....	5		
Russia:				
Odessa.....	Aug. 13-19.....	1		
St. Petersburg.....	Aug. 6-12.....	5		
Warsaw.....	July 2-15.....	15	8	
Spain:				
Malaga.....	June 1-30.....		18	
Valencia.....	Aug. 13-19.....	4	1	
Straits Settlements:				
Singapore.....	July 16-22.....	11		
Turkey in Asia:				
Beirut.....	Aug. 13-19.....	5		
Uruguay:				
Montevideo.....	June 1-30.....	4	1	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from July 1 to Sept. 8, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see PUBLIC HEALTH REPORTS for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Arabia:</b>				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population. Aug. 5, present among troops.
<b>Austria-Hungary.....</b>				Total Austria-Hungary, May 24-Aug. 13, 50 cases, 19 deaths.
Campodistria.....	July 23-Aug. 13....	7	4	
Trieste.....	June 4-Aug. 13....	41	14	July 8, the second case from s. s. Oceania. Case July 21, from s. s. Bandlera Moro.
Cattaro.....	July 6-20.....	4	1	
Muggia.....	Aug. 7-13.....	2	1	
Vienna.....	Aug. 14-20.....	1	1	
Waltendorf.....	May 31.....	1		Second case. Near Gratz.
<b>Bulgaria:</b>				
Kalondjik.....	June 18-20.....	1	1	Vicinity of Choumen. From the ship Cyrille, bound from the coast of Asia Minor.
Varna.....	July 4-Aug. 5....	2	2	From Asia Minor via Constantinople.
<b>Ceylon:</b>				
Colombo.....	May 21-July 22....	15	9	
<b>China:</b>				
Amoy.....	May 28-July 1....		4	Aug. 5, present.
Hankow.....	July 22.....			Present.
Holhow.....	June 2.....			Do.
Manchuria—				
Dalny.....	Sept. 5.....			Do.
Nanking.....	July 22-Aug. 12....			Do.
Swatow.....	do.....			Do.
<b>Dutch East Indies:</b>				
Java—				
Batavia.....	May 14-July 22....	364	175	June 15-28: Present in Borneo at Pamank and Singawang; Sumatra at Telopakedai, and in Lombok at Geroeng.
Beloe.....	June 15-28.....			Present.
Surabaya.....	Apr. 10-May 6....	44	22	
<b>France:</b>				
Marseille.....	June 26-Aug. 31....	38	15	
<b>Greece:</b>				
Laurium.....	July 5-8.....	3	1	Case July 5, from a German vessel via Naples.
Piræus, quarantine station.	July 30-Aug. 8....	3		Case July 30, from s. s. Margarita.
<b>India:</b>				
Bassein.....	May 7-July 9....	2	2	
Bombay.....	June 25-July 1....	3	3	
Calcutta.....	May 7-July 15....		380	
Madras.....	June 4-July 22....	6	4	May 1-July 31. Cases, 17,559; deaths, 9,514.
Moulmine.....	May 7-June 17....	4	4	
Negapatam.....	June 11-July 1....		32	
Rangoon.....	May 1-June 30....	31	26	
<b>Indo-China:</b>				
Saigon.....	May 15-July 9....	46	35	
<b>Italy.....</b>				Total for Italy, June 8-Aug. 26: Cases, 9,020; deaths, 3,410.
<b>Provinces—</b>				
Avellino.....	July 12-Aug. 5....	61	22	
Benevento.....	July 22-31.....	6	2	
Caserta.....	June 18-Aug. 5....	511	238	
Catania.....	July 22-31.....	21	10	
Caltanissetta.....	July 17-31.....	30	11	
Catanzaro.....	July 26-31.....	2	2	
Campobasso.....	July 17-31.....	27	8	
Genoa.....	July 21-Aug. 5....	51	23	Aug. 13-26, 169 cases, 54 deaths.
Genoa, city.....	July 13-Aug. 5....	19	8	Aug. 13-26, 109 cases, 51 deaths.
Girgenti.....	July 22-31.....	5	1	
Leghorn.....	July 13-Aug. 5....	42	22	
Messina.....	July 17-31.....	9	2	
Naples.....				The Province outside of Naples, June 10-Aug. 26: 1,191 cases; 509 deaths.
Naples, city.....	June 11-Aug. 26....	878	258	
Salerno.....	June 17-Aug. 5....	602	184	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Sept. 8, 1911.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Italy—Continued.				
Provinces—Continued.				
Palermo.....	June 18–Aug. 26....	328	148	
Palermo, city.....	June 15–Aug. 26....	1,204	385	
Potenza.....	July 31.....	2	2	
Rome.....	June 27–July 26....	6		Aug. 20–26, 19 cases, 12 deaths.
Trapani.....	July 17–31.....	24	11	
Montenegro:				
Cettinje.....	July 29.....	2		
Persia:				
Mohammerah.....	July 28.....	1		From the cruiser Perseoola.
Philippine Islands.....				First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths.
Russia.....				New outbreak Apr. 21–Aug. 12: Cases, 737; deaths, 342, including 7 cases and 2 deaths, p. 1044, vol. 1. July 7–Aug. 14: Cases, 35; deaths, 10.
Governments—				
Astrakhan.....	July 12–29.....	8	5	
Baku—				
Baku, city.....	July 8–15.....	2		
Khasan—				
Kosmodemiansk.....	July 2.....	1		
Kherson.....	May 3–July 22.....	2		
Nikolaiev.....	July 9–10.....	3		Aug. 9, 8 cases from a German steamer via Constantinople.
Poltava.....	June 24.....	1		
Samara.....	June 29–Aug. 12.....	672	315	Including Nikolayevsk.
Saratov.....	July 18–29.....	2	1	
Nikolayevsk.....	June 29–July 3.....	15	1	
Siberia—				
Omsk.....	June 20–26.....	2		
Tambov.....	June 26–Aug. 12.....	4	3	
Stavropol.....	July 23–Aug. 12.....	3	1	
Vilna—				
Disna.....	June 13.....	1		On the Duna.
Vitebsk—				
Lepel district.....	June 19.....	1	1	
Tver and Kursk.....	Aug. 6–12.....	1		
Voronesch.....	Apr. 28.....	2	1	
Yeketerinislav.....	July 8.....	1		
Zarizyn.....	July 12–15.....	1	1	
Siam:				
Bangkok.....	Apr. 16–July 8.....	892	892	
Spain:				
Tarragona.....	Aug. 30.....			In vicinity.
Straits Settlements:				
Began Dotah.....	June 16–20.....	11		
Jenderata.....	July 1–8.....	20	13	
Penang.....	May 7–July 15.....	7	10	
Perak.....	May 16–June 21.....			Present among Malays and Chinese.
Singapore.....	May 7–July 15.....	56	61	
Tunis:				
Tunis.....	Aug. 1–7.....		6	
Turkey:				
Constantinople.....	May 21–Aug. 14.....	624	332	And vicinity.
Turkey in Asia:				
Alatsham.....	June 19.....	2		
Amara.....	June 21.....			Present.
Bagdad Vilayet.....	May 29–Aug. 11.....	176	139	New outbreak.
Basra.....	July 17–Aug. 9.....	132	91	Aug. 9, 1 case, s. s. Budrie.
Beirut.....	Aug. 21.....			Present among pilgrims.
Ezra's Tomb.....	June 17.....	6		70 miles from Basra.
Foglieri.....	July 26.....	2	1	In the Gulf of Smyrna.
Kamran.....	May 28–June 4.....	2	1	Among troops.
Samsun.....	May 29–July 30.....	225	204	And district.
Smyrna.....	Apr. 26–Aug. 13.....	321	202	Including 24 cases and 14 deaths, p. 1911, vol. 2.
Zongouldak.....	July 1–Aug. 13.....	29	17	And vicinity.
At sea.....	June 23.....	1	1	On s. s. Goeben, bound from Southampton for Suez. Case developed one day after leaving Naples.
Do.....	July 25.....			Two cases from s. s. Zar Nicolaus from Algiers.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Sept. 8, 1911.

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Manaos .....	June 4-July 29 .....	.....	8	Aug. 31, 2 cases.
Para .....	June 21-July 15 .....	3	.....	Sept. 5, 1 case.
Pernambuco .....	June 15-30 .....	.....	2	Sept. 4, present.
<b>Bissagos Islands:</b>				
Bulama .....	May 27 .....	.....	.....	Present.
<b>British Gold Coast:</b>				
Accra .....	May 23-27 .....	3	.....	Among natives.
<b>Ecuador:</b>				
Bahahoyo .....	July 16-Aug. 15 .....	2	2	
Calaroma .....	July 16-31 .....	1	1	
Guayaquil .....	June 1-Aug. 15 .....	27	9	
Milagro .....	..... do .....	17	13	
Naranjito .....	July 1-15 .....	2	.....	
Yaguachi .....	June 16-July 15 .....	1	1	
<b>Gambia:</b>				
Bathurst .....	May 23-27 .....	5	2	Among Europeans.
<b>Mexico:</b>				
Merida .....	Aug. 8-31 .....	11	5	
<b>Venezuela:</b>				
Caracas .....	July 1-Aug. 5 .....	8	1	
Maiquetia .....	July 22 .....	2	.....	

## PLAGUE.

<b>Arabia:</b>				
Maskat .....	May 21-June 15 .....	4	2	
<b>Brazil:</b>				
Para .....	July 2-29 .....	2	1	Aug. 4, 1 fatal case.
Pernambuco .....	June 15-30 .....	.....	1	Sept. 4, present.
Rio de Janeiro .....	July 16-29 .....	2	.....	Aug. 28, 4 cases.
<b>British East Africa:</b>				
Kismayu .....	Apr. 24-July 22 .....	49	32	
Nairobi .....	May 27-July 22 .....	33	18	
Port Florence .....	Apr. 26 .....	1	1	
<b>Chile:</b>				
Arica .....	June 12-July 28 .....	4	3	
Iquique .....	May 14-July 29 .....	20	10	
<b>China:</b>				
Amoy .....	May 21-July 17 .....	.....	20	To May 28: Cases, 61; July 8, present in the district.
Kulangsu .....	June 17-July 22 .....	.....	5	
Canton .....	May 31 .....	.....	.....	Present.
Hongkong .....	May 14-July 22 .....	194	145	
Shanghai .....	Aug. 10-12 .....	5	1	In vicinity. May 14-27, 3 cases, and Aug. 12, 3 cases.
Swatow .....	May 21-July 22 .....	.....	.....	Still present in the district. May 21-June 2, epidemic in Chaochow-fu. Hweilai, Kit-yang, and in Chao-Yang Jan. 1-June 30, 6,000 deaths.
<b>Ecuador:</b>				
Guayaquil .....	June 1-Aug. 15 .....	19	5	
<b>Egypt:</b>				
Alexandria .....	May 31-July 26 .....	38	18	
Cairo .....	Feb. 12-May 31 .....	1	1	
Port Said .....	May 27-Aug. 1 .....	23	9	On s. s. Yeddo, bound for Calcutta from New York, via Naples and Torre Vieja, Spain.
<b>Provinces—</b>				
Assiout .....	May 31-July 9 .....	7	5	
Beni Souef .....	May 23-July 20 .....	3	1	
Dakahlieh .....	May 29-June 11 .....	2	1	
Fayoum .....	May 28-June 17 .....	8	5	
Galloubieh .....	June 1-28 .....	1	.....	
Girgeh .....	Apr. 19-July 7 .....	5	4	
Kena .....	May 30-June 12 .....	5	5	
Minieh .....	June 1-July 27 .....	29	11	
<b>India:</b>				
Bahrein Island .....	May 15-July 16 .....	.....	1,720	In Persian Gulf.
Bombay .....	May 21-July 29 .....	505	443	
Calcutta .....	May 7-July 15 .....	.....	524	
Kurrachee .....	May 28-July 29 .....	187	186	
Rangoon .....	May 1-June 30 .....	587	558	
Bombay Presidency and Sind .....	May 7-July 1 .....	5,426	4,162	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Sept. 8, 1911.

## PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
Madras Presidency.....	May 7-July 1....	369	269	
Bengal.....	do.....	2,188	1,985	
United Provinces.....	do.....	17,845	17,311	
Punjab.....	do.....	59,525	52,245	
Burma.....	do.....	1,121	1,047	
Central Provinces.....	do.....	81	61	
Mysore State.....	do.....	831	576	
Hyderabad State.....	do.....	5	9	
Central India.....	do.....	82	65	
Rajputana and Ajmere.....	do.....	1,580	1,395	
Merwara.....	do.....	624	425	
Kashmir.....	do.....	110	79	
North West Province.....	do.....			
Grand total.....		89,767	79,629	
<b>Indo-China:</b>				
Saigon.....	May 15-July 9....	255	83	
<b>Japan:</b>				
Formosa.....	May 21-July 1....	115	106	In Kagi Province from Jan. 1-June 15: Cases 355, including report, p. 1047, vol. 1.
<b>Java:</b>				
Kediri.....	Mar. 31-May 10....	42	3	
Madison.....	June 1.....	1		
Paseroean Residency.....	May 14-July 22....	378	157	
Surabaya.....	Apr. 30-May 18....	21	4	
Mauritius.....	Mar. 1-Apr. 27....	8	4	
<b>Morocco:</b>				
Mazagan.....	July 13.....			Present among the Doukala, 5 hours distant.
<b>New Zealand:</b>				
Auckland.....	May 1-8.....	5		Total since Mar. 21: Cases 8, deaths 1.
<b>Paraguay:</b>				
Asuncion.....	Aug. 1-9.....		8	Present.
<b>Persia:</b>				
Buchir.....	May 14-June 25....	94	80	
Lingah.....	May 18-28.....	7		From Debal, on opposite Arabian coast.
<b>Peru:</b>				
<b>Departments—</b>				
Ancachs.....	Apr. 30-June 17....	9	2	
Arequipa.....	do.....	15	3	Apr. 23-30, 5 cases, 1 death.
Cajamarca.....	do.....			Apr. 23-30, 7 cases, 1 death.
Callao.....	do.....	4	1	Apr. 23-30, 1 case, 1 death; July 24, 3 cases, 1 death.
Chiclayo.....	do.....	12	4	
Lambayeque.....	Apr. 30-June 3....	2	2	Apr. 23-30, 22 cases, 10 deaths.
Libertad.....	Apr. 30-July 1....	13	6	Apr. 23-30, 3 cases.
Lima.....	do.....	40	14	Apr. 23-30, 5 cases, 2 deaths.
Pacasmayo.....	Apr. 30-June 3....	3	2	
<b>Philippine Islands.....</b>				
Mariveles quarantine station.	May 25-26.....	1	1	First quarter, 1911: Manila, no cases; Provinces, no cases. From s. s. Taisang from Amoy.
<b>Russia:</b>				
Odessa.....	June 18-Aug. 8....	8	2	
<b>Astrakhan Government—</b>				
Ujaly.....	July 3.....			Present.
Saraltschin.....	June 18-24.....	3	3	
<b>Kirghis Steppe—</b>				
Akbulak.....	July 13-Aug. 2....	5	2	Pneumonic.
Kjubekudik.....	July 15.....	5	4	Do.
Naryma.....	June 24.....	4	4	
<b>Siam:</b>				
Bangkok.....	Apr. 16-July 8....	51	51	
<b>Straits Settlements:</b>				
Singapore.....	May 21-June 17....	2	2	
<b>Turkey in Asia:</b>				
Adalia.....	July 7-30.....	3		
Basra.....	May 21-31.....	4	2	
Beirut.....	Aug. 21.....			Present among pilgrims.
Brusa.....	Aug. 2-15.....	2		
<b>Venezuela:</b>				
Caracas.....	May 29-Aug. 5....	4		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Sept. 8, 1911.

## SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Algeria:</b>				
Departments—				
Algiers.....	Mar. 1-May 31.....	7		
Constantine.....	do.....	74		
<b>Arabia:</b>				
Aden.....	Apr. 11-July 18.....	205	7	And vicinity.
<b>Argentina:</b>				
Buenos Aires.....	Apr. 1-30.....		21	
Rosario.....	Apr. 1-May 31.....		75	
<b>Austria-Hungary:</b>				
Bohemia.....	May 28-June 17.....	5		
Galicia.....	May 28-July 15.....	3		
<b>Brazil:</b>				
Bahia.....	Apr. 1-30.....		1	
Ceara.....	June 1-30.....		1	
Para.....	June 25-Aug. 5.....	7	2	
Pernambuco.....	June 1-July 15.....		331	
Rio de Janeiro.....	May 28-July 29.....	11	1	
<b>Canada:</b>				
British Columbia—				
Vancouver.....	July 9-Aug. 19.....	4		
Victoria.....	May 1-31.....	10		
Manitoba.....				
Fort Alexander.....	July 8.....	19		Among Indians.
Lac du Bonnet.....	do.....	1		
Point du Bois.....	do.....			Epidemic.
Selkirk.....	do.....	1		From Mapleton.
Winnipeg.....	July 23-29.....	1		
New Brunswick—				
Newcastle.....	July 15-Aug. 5.....			Present in vicinity
Ontario—				
Ottawa.....	June 11-Aug. 12.....	23		
Nova Scotia—				
Halifax.....	May 23-July 8.....	2		
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1		
Quebec—				
Montreal.....	July 9-29.....	2		
Quebec.....	June 18-Aug. 12.....	8		
Yukon—				
Dawson.....	June 4-July 1.....	15		
<b>Ceylon:</b>				
Colombo.....	May 21-July 22.....	21		
<b>Chile:</b>				
Caldera.....	June 24.....	2	1	
Punta Arenas.....	June 1-30.....	2	1	
Talcahuano.....	June 27-Aug. 5.....	46	12	
Valparaiso.....	June 24-July 8.....	118		
<b>China:</b>				
Chungking.....	May 28-July 8.....			Present.
Hongkong.....	May 21-July 22.....	20	14	
Nanking.....	May 28-Aug. 12.....			Do.
Shanghai.....	May 24-July 16.....	2	8	Deaths among natives.
Swatow.....	May 28-July 22.....			Present in the district.
<b>Colombia:</b>				
Cartagena.....	May 22-July 9.....			Present.
<b>Egypt:</b>				
Alexandria.....	Apr. 1-June 30.....	59	31	
Cairo.....	May 22-July 22.....	9	3	
Port Said.....	May 29-July 15.....	14	12	
<b>France:</b>				
Havre.....	July 16-22.....	1	1	
Paris.....	June 18-Aug. 5.....	6		
<b>Germany:</b>				
Bremen.....	July 9-15.....	1		
Hamburg.....	Aug. 6-19.....			
Gibraltar.....	June 4-11.....	1		Total for Germany, June 4-Aug. 19: Cases, 22.
<b>Great Britain:</b>				
Birmingham.....	July 2-15.....	1	1	
Dundee.....	June 11-Aug. 12.....	10	3	
Liverpool.....	June 18-July 8.....	2		
London.....	June 4-24.....	13		
Plymouth.....	July 2-8.....		1	
Sheffield.....	June 18-24.....		1	
<b>India:</b>				
Bombay.....	May 21-July 29.....	96	72	
Calcutta.....	May 7-June 24.....		6	
Madras.....	May 21-July 22.....	80	31	
Rangoon.....	May 1-June 30.....	301	152	
				3 cases on s. s. Prinz Regent.



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Sept. 8, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	May 15-July 9.....	85	30	
Italy:				
Catania.....	July 19-Aug. 12.....	47	4	
Naples.....	June 11-Aug. 12.....	201	8	
Palermo.....	June 4-Aug. 5.....	1	111	
Japan:				
Yokohama.....	June 13-19.....	12	4	
Java:				
Batavia.....	July 2-22.....	1	1	
Malta:				
Valetta.....	June 6-12.....	15	6	
Mexico:				
Chihuahua.....	June 28-Aug. 13.....	1	1	
Frontera.....	June 19-24.....	5	3	
Guadalajara.....	June 18-Aug. 19.....	12	2	
Juarez.....	July 9-Aug. 26.....	12	117	Sept. 2 abating.
Mazatlan.....	Aug. 6-19.....	7	7	
Mexico.....	May 21-July 22.....	12	14	Present and in vicinity.
Porfirio Diaz.....	July 23-Aug. 26.....	12	5	
San Juan Bautista.....	June 17-July 15.....	12	14	
San Luis Potosi.....	June 4-July 29.....	12	5	
Tampico.....	June 11-Aug. 20.....			
Peru:				
Salaverry.....	Aug. 1-7.....			Present.
Philippine Islands.....				First quarter, 1911, Manila: Cases 93, deaths 0.
Portugal:				
Lisbon.....	June 4-Aug. 12.....	72		May 7-20, deaths 3.
Porto Rico:				
Ponce.....	Apr. 1-30.....		1	
Portuguese East Africa:				
Lourenço Marquez.....	do.....		1	
Russia:				
Batoum.....	May 1-June 30.....	3	1	July 16, 1 death.
Libau.....	June 5-July 2.....	11	62	
Moscow.....	May 28-July 30.....	133	5	
Odesa.....	May 27-Aug. 5.....	5	5	
Reval.....	May 1-31.....	14	26	Apr. 1-May 31, deaths 14.
Riga.....	May 27-July 8.....	139	27	
St. Petersburg.....	May 21-Aug. 5.....	49		Present.
Warsaw.....	Apr. 2-July 1.....			
Windau.....	June 25-July 1.....			
Siam:				
Bangkok.....	Apr. 16-July 8.....	82	76	
Siberia:				
Omsk.....	May 29-July 14.....	3	5	
Vladivostok.....	May 14-June 30.....	1		
South Africa:				
Port Elizabeth.....	May 21-27.....	1		
South Australia:				
Adelaide.....	Apr. 15.....			1 case from Colombo on s. s. Mooltan.
Spain:				
Barcelona.....	May 6-17.....		4	
Madrid.....	June 1-July 31.....		2	
Seville.....	Do.....		3	
Valencia.....	June 4-Aug. 12.....	37	8	
Straits Settlements:				
Penang.....	Apr. 30-May 27.....	2	35	
Singapore.....	May 7-July 15.....	107		
Switzerland:				
Ticino, canton.....	May 28-June 3.....	1		
Turkey:				
Constantinople.....	June 4-Aug. 6.....		6	
Turkey in Asia:				
Beirut.....	May 27-Aug. 12.....	44	2	
Kharput.....	May 21-June 10.....	34	3	
Uruguay:				
Montevideo.....	Apr. 1-May 31.....	34	9	
Zanzibar:				
Zanzibar.....	May 15-Aug. 6.....	22	13	
At sea.....	May 15.....	1		On s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney.

## MORTALITY.

## WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Asuncion.....	July 29	75,000	17							1			
Barcelona.....	Aug. 18	591,272	310	24					7				1
Basra.....	Aug. 3	20,000				39							
Batavia.....	July 29	217,630	20			4		1					
Beirut.....	Aug. 19	80,000	25	2		3				7			
Belgrade.....	do.....	90,050	32						1	1			
Bombay.....	Aug. 5	977,822	532	35	15			4					
Do.....	Aug. 12		532	41	11			4					
Brussels.....	Aug. 19	739,684	231	21					2	1	1		
Budapest.....	do.....	950,610							1	5			5
Cairo.....	July 29	689,439	721	28				7	7	1	16	13	1
Do.....	Aug. 5		700	26				10	5	2	18	13	
Do.....	Aug. 12		691	25				6	10	2	6	9	
Calcutta.....	July 22	890,493	388	28	17	13							
Do.....	July 29		414	30	23	7							
Canton.....	do.....	1,000,000	125	24					6				
Catania.....	Aug. 19	220,000	96	2		54			1	1			
Colombo.....	July 29	213,974	186	18		2		2	10				
Do.....	Aug. 5		166	13					12				
Christiania.....	Aug. 19	245,000	70	7									1
Constantinople.....	Aug. 20	1,000,000	515	29		266			9			1	
Gibraltar.....	do.....	25,367	10	1				1					
Glasgow.....	Aug. 25	784,655	247						1	3	1	4	3
Guadalajara.....	Aug. 26	119,648	73						1				
Halifax.....	Aug. 19	50,000	28	1							1		
Hamburg.....	Aug. 12	932,000	312	24					2	1	6	2	2
Hamburg.....	Aug. 19	932,166	299	22					1		8	1	3
Harput.....	July 29	21,000	4										3
Havre.....	Aug. 19	136,159	92	3					3				
Hongkong.....	July 22	336,488		15			1						
Hull.....	Aug. 12	278,968	118									1	2
Kurrachi.....	July 29	148,000	63		6								
Do.....	Aug. 5		55		6								
Do.....	Aug. 12		46		4								
Kobe.....	Aug. 13		208						3		2		
Leeds.....	Aug. 19	445,568	181	8								1	4
Leipzig.....	Aug. 12	589,844	421	21					1	1	4	2	1
Liege.....	Aug. 5	174,768	43	3									
Do.....	Aug. 19		47	3									1
London.....	Aug. 12	7,269,752	2,436						6	8	9	22	27
Lubeck.....	do.....	98,700	40						1				
Do.....	Aug. 19		42								1		
Madras.....	Aug. 5	550,000	350					4	2			6	
Manchester.....	Aug. 12	631,533	296	22					1	1	1	3	
Mannheim.....	July 29	196,207	75	2									
Do.....	Aug. 5		62	6									1
Mexico.....	July 29	719,052	362	24			8	11		1	2	2	2
Do.....	Aug. 5		316	16			7	16				1	1
Monterey.....	Aug. 27	100,000	53	5					1	2			
Do.....	Sept. 3		34	2									
Montreal.....	Aug. 26	450,000	173	14					2			1	
Moscow.....	July 30	1,500,000	860	81			2	3	6	6	10	20	2
Munich.....	Aug. 5	597,000	188	22								1	1
Do.....	Aug. 12		185	23									
Nagasaki.....	Aug. 13	178,074	56	10					2				
Nagoya.....	July 22	414,235	168						1		1		
Nantes.....	Aug. 13	161,908	83	11					1				
Do.....	Aug. 20		78	15					1				
Newcastle-on-Tyne.....	Aug. 5	267,261	88	16							1	1	5
Do.....	Aug. 12		76	9									
Nottingham.....	do.....	259,942	95									1	1
Odessa.....	do.....	455,000	196	20	1				4	5	2	2	3
Ottawa.....	Sept. 2	90,000	40	2							2		
Paris.....	Aug. 5	2,846,986	1,029	180					2	3	3	18	6
Do.....	Aug. 12		1,072	168					13	3	7	23	3
Do.....	Aug. 19		1,006	182					13	4	3	26	3
Patras.....	Aug. 14	40,000	17	3					2				
Do.....	Aug. 20		10	2					3				
Do.....	Aug. 27		22	3					1				
Penang.....	July 22	110,427	77	10					1				

*Weekly mortality table, foreign and insular cities—Continued.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Port Said	July 29	52,811	45		2				1		1		
Do.	Aug. 5		42	1	3				1	2			
Do.	Aug. 12		47	1	3								
Rio de Janeiro	Aug. 5	898,699	269	50								1	2
Saigon	July 16	206,000	9		3	2		4					
Do.	July 23		7		3	1		3					
Do.	July 30		2					2					
St. Johns, N. F.	Aug. 19	32,000							1				
St. Petersburg	July 15	1,907,708	796	100				3	9	6	11	38	7
Do.	July 22		744	86					17	12		35	8
Do.	Aug. 5		781	101					14	8	6	36	8
Do.	Aug. 12		872	85					14	5	2	39	6
San Luis Potosi	Aug. 19	82,946	83	10				1					
Santiago de Cuba	do.	53,614	14	1							1	1	
Sao Paulo	May 21	358,000	101					1					3
Do.	May 28		129						2				
Seoul	July 31	69,464		2					1				
Shanghai	July 30	492,000	149	16									
Do.	Aug. 6		144	18						1	1		
Singapore	July 15	303,328	308	32		7		4					
Do.	July 22		286	41		8			2				
Smyrna	July 29	400,000	78	7		13			2			1	
Do.	Aug. 5		81	12		10			1				
Do.	Aug. 12		102	12		29			2				
Southampton	Aug. 19	119,394	44	2							1		
Do.	Aug. 26		66	3							1		2
South Shields	Aug. 5	108,844	31	2								1	
Do.	Aug. 12		43	2								1	1
Stockholm	Aug. 5	343,832	91	9							2		
Do.	Aug. 12		84	10						1			
Swansea	June 10	115,100	31								1	1	
Do.	June 17		27								1	5	
Do.	July 1		32								1	1	
Do.	July 8		30								2	1	
Do.	July 15		26										1
Do.	July 22		42								1		2
Talcahuano	Aug. 5	28,000	8	1				2		1			2
Do.	Aug. 11		8	2						1			1
Tampico	Aug. 20	23,000	45					1					
Tarragona	Aug. 12	23,150	7										
Do.	Aug. 19		13							2			
Trieste	Aug. 12	230,820	124			2						1	
Tripoli	July 29	42,000							1				
Turin	Aug. 20	401,555	138	17					2				2
Valencia	Aug. 12	240,000	97	3				1		1			
Do.	Aug. 19		92	4				1		2			
Venice	July 29	184,325	105	3					1	1			1
Do.	Aug. 5		89	5					2				
Do.	Aug. 12		84	8					2				
Vienna	do.	2,047,968	681	87					1	1	8	7	2
Vigo	July 29	41,500	11	2					1			1	
Do.	Aug. 12		21	2								2	
Warsaw	June 10	797,093	276	35						10		3	1
Do.	June 17		287	34				5		8		5	
Do.	June 24		338	39				4		5		7	
Do.	July 1		285	30				2		1		5	4
Do.	July 8		310	35				3		3	10	2	1
Do.	July 15		280	23				5		4	11	2	1
Winnipeg	Aug. 19	151,958	54	3						2			
Yokohama	Aug. 14	419,630									1		

**MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES**  
(untabulated).

**ARGENTINA—Buenos Aires.**—Month of June, 1911. Population, 1,329,697. Total number of deaths from all causes 1,986, including diphtheria 21, measles 4, scarlet fever 7, smallpox 34, tuberculosis 188, typhoid fever 37.

**Rosario.**—Month of June, 1911. Population, 203,842. Total number of deaths from all causes 435, including diphtheria 12, smallpox 50, tuberculosis 55, typhoid fever 5.

**AUSTRIA-HUNGARY—Brün.**—Month of June, 1911. Population, 108,944. Total number of deaths from all causes 210, including diphtheria 6, measles 1, scarlet fever 1, tuberculosis 54, typhoid fever 1.

**BRAZIL—Pernambuco.**—Two weeks ended July 15, 1911. Population, 210,000. Total number of deaths from all causes 477, including yellow fever 1, smallpox 127, tuberculosis 64.

**EAST AFRICA—Lourenco Marquez.**—Month of May, 1911. Population, 10,000. Total number of deaths from all causes 45, including tuberculosis 7.

**EGYPT—Alexandria.**—Month of July, 1911. Population, 420,000. Total number of deaths from all causes 1,216, including diphtheria 9, measles 3, plague 11, smallpox 1, tuberculosis 67, typhoid fever 27, typhus fever 3.

**FRANCE—Marseille.**—Month of July, 1911. Population, 550,619. Total number of deaths from all causes 1,030, including diphtheria 5, measles 22, scarlet fever 2, cholera 6, tuberculosis 125, typhoid fever 25.

**St. Etienne.**—Two weeks ended August 15, 1911. Population, 150,000. Total number of deaths from all causes 153, including measles 4, scarlet fever 1, tuberculosis 16, typhoid fever 2.

**GERMANY—Kehl.**—Month of July, 1911. Population, 180,193. Total number of deaths from all causes 292, including diphtheria 4, scarlet fever 2, tuberculosis 32.

**GREAT BRITAIN.**—Week ended August 19, 1911.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 20.9 per 1,000 of the population, which is estimated at 16,157,797.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 19.4 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Drogheda, viz, 4.2, and the highest at Ballymena, viz, 36.7 per 1,000.

**Scotland.**—The deaths registered in 8 principal towns correspond to an annual rate of 24.9 per 1,000 of the population, which is estimated at 1,710,291. The lowest rate was recorded at Perth, viz, 8.7, and the highest at Greenock, viz, 18.7 per 1,000. The total number of

deaths from all causes was 465, including diphtheria 3, measles 6, scarlet fever 4, typhoid fever 1.

JAPAN—*Formosa*.—Two weeks ended July 15, 1911. Population, 3,290,186. Total number of deaths from all causes not reported. The deaths include diphtheria 2, scarlet fever 1, typhoid fever 3.

MALTA.—Three weeks ended August 19, 1911. Population, 213,395. Total number of deaths from all causes 423, including measles 22, tuberculosis 6, typhoid fever 5.

SIAM—*Bangkok*.—Four weeks ended June 8, 1911. Population, 600,000. Total number of deaths from all causes not reported. The deaths include cholera 191, plague 23, smallpox 28.

SIERRA LEONE—*Freetown*.—Month of July, 1911. Population, 40,000. Total number of deaths from all causes 94. No deaths from contagious diseases.

SPAIN—*Madrid*.—Month of July, 1911. Population, 613,436. Total number of deaths from all causes 1,418, including diphtheria 9, measles 19, scarlet fever 1, smallpox 1, tuberculosis 164, typhus fever 1.

*Malaga*.—Month of June, 1911. Population, 135,000. Total number of deaths from all causes 347, including measles 1, smallpox 18, tuberculosis 21, typhoid fever 1.

*Seville*.—Month of July, 1911. Population, 158,235. Total number of deaths from all causes 551, including diphtheria 2, measles 16, smallpox 1, tuberculosis 59.

TAHITI.—Two weeks ended July 21, 1911. Population, 4,000. Total number of deaths from all causes 4. Two weeks ended August 4, 1911. Total number of deaths 7. No contagious diseases.

URUGUAY—*Montevideo*.—Month of June, 1911. Population, 321,224. Total number of deaths from all causes 485, including diphtheria 8, measles 1, smallpox 1, tuberculosis 61, typhoid fever 6.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon General,*

*United States Public Health and Marine-Hospital Service.*