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THE CHOLERA SITUATION.

There has been no material change in the cholera situation during the past week.

OBSERVATIONS ON THE VIABILITY OF THE EGGS OF HOOKWORMS (*Necator americanus*) AND OF EELWORMS (*Ascaris lumbricoides*) IN FECES ALLOWED TO DECOMPOSE IN WATER.

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In the summer of 1910, a series of experiments¹ was begun at the United States marine hospital, Wilmington, N. C., to test the viability of eggs of parasites, especially of hookworms, under certain conditions which come into consideration in connection with preventing the spread of intestinal zooparasitic diseases.

Circumstances beyond our control excluded the possibility of examining the experimental material at stated intervals, but the results obtained appear to give definite and instructive clues of considerable importance in respect to the viability of hookworm eggs and *Ascaris* eggs.

As pointed out in an earlier article, work of this kind in connection with animal parasites is of somewhat different nature from the corresponding work with bacteria.

The following experiments were reported upon, in part, in former papers by Stiles and Gardner. The object of the tests was to determine how long the eggs could live in water containing a considerable quantity of fecal material.

Experiment 17.—In an earlier paper it was reported that in this experiment fecal material containing eggs of *Ascaris* and *Necator* was placed (June 22, 1910) in a bucket of water, and that after 144 and 149 days 30 hookworm eggs and 5 *Ascaris* found were dead.

The bucket was allowed to stand from November 13, 1910, to July 12, 1911, at room temperature, water being added occasionally to replace the water that evaporated. On July 12, 1911 (385 days after

¹ See Public Health Reports, Vol. XXV, No. 27, July 8, 1910, pp. 947-950; No. 33, Aug. 19, 1910, pp. 1137-1140; No. 50, Dec. 16, 1910, pp. 1825-1830. This series of experiments was begun by Stiles and Gardner; owing to illness, Surg. Gardner has been unable to continue the work.

starting the experiment), the sediment was examined microscopically and 55 hookworm eggs, 1 *Ascaris* egg, and 2 *Hymenolepis* identified. All were dead.

Experiment 27.—Fecal material containing eggs of *Ascaris* and of *Necator* was placed (July 20, 1910) in a bucket of water. It has already been reported that on November 14, 1910, 20 hookworm eggs and 34 *Ascaris* eggs were found and that all of the former and 29 of the latter were dead, while 5 *Ascaris* eggs may possibly have been alive.

On July 12, 1911 (357 days after starting the experiment), 70 hookworm eggs and 50 *Ascaris* eggs were identified. All were dead.

Experiment 31.—On August 3, 1910, a quantity of human feces, containing hookworm eggs, was placed in a bucket of water and allowed to ferment.

On November 13, 1910, some live and some dead male and female nematodes (genus undetermined) were found to be present. Whether these worms represented a contamination or the free stage of some undescribed intestinal parasite remains uncertain.

On July 18, 1911 (349 days after the beginning of the experiment), 60 nematode eggs found were all dead. It is not excluded that some of these eggs were not those of hookworms, but the fact that all were dead justifies the recording of the experiment.

Experiment 32.—Fecal material was placed (August 13, 1910) in a bucket of water and allowed to stand at unheated room temperature until November 12, 1910. On November 13, 1910, 20 slides showed 4 dead hookworm eggs and the infection had thus apparently died out in 68 days.

On June 26, 1911 (317 days after the experiment was started), the material was passed through a sieve and a portion of the top fluid was centrifuged; 4 slides were negative.

After settling, the top and middle portions were centrifuged with negative findings.

The fluid was allowed to settle over night and the sediment was examined. About four hours' search gave 13 thin shelled nematode eggs (all dead), 1 dead embryo (unidentifiable), and a fragment of 1 dead male small nematode (unidentifiable). Whatever species of nematode may have been represented by the findings, it seems clear that 317 days after the experiment was started, live hookworm eggs could not be found.

Experiment 33.—Fecal material was placed (Sept. 7, 1910), in a bucket of water and allowed to stand at unheated room temperature until November 12, 1910. Microscopic examinations on November 12, 13, 16, and 17 showed a large number of dead hookworm eggs, but 2 were found which were probably alive and 2 were found (Nov. 16) which were undoubtedly alive. A *Hymenolepis nana* egg was probably dead.

A portion of No. 33 was transferred (Nov. 13) to sterilized sand and incubated until November 21. Examinations made November 20 and 21 showed 31 hookworm eggs, of which 30 were surely dead, 1 probably dead. A *Hymenolepis nana* egg may have been dead, but this is uncertain. One *Ascaris* egg was dead; 2 were doubtful.

On July 27, 1911 (323 days after the experiment was begun), 70 hookworm eggs were identified in experiment 33. All were dead.

Experiment 45.—February 6, 1911, a bucket of fecal material containing eggs of hookworms and *Ascaris* was placed in a barrel of water and left exposed to the sun and rain. The special object in using the barrel was to place the eggs in about the same quantity of water used in an LRS privy.

June 30, 1911, a portion of the sediment was passed through a series of sieves, then sedimented and centrifuged. After a very tedious microscopic examination 60 hookworm eggs and 10 *Ascaris* eggs were found. All the hookworm eggs were dead; 9 of the *Ascaris* eggs were dead, 1 probably dead.

The experiment indicates that in an LRS privy the hookworm eggs can not survive 144 days of fermentation in water.

Summary.—From the foregoing experiments and those published by Stiles and Gardner it may be seen that in fecal material kept in water, in the examinations made after 68, 117, 144, 317, 323, 349, 357, and 358 days, all the hookworm eggs identified were dead.

The longest period of time after which we have thus far been able to find live hookworm (*Necator americanus*) eggs under the conditions described has been 70 days.

The longest periods after which we have thus far been able to find live eelworm (*Ascaris lumbricoides*) eggs under the conditions described have been 117 to 121 days. After 144 days 2 *Ascaris* eggs were found, in regard to which some possible doubt exists, but they were probably dead.

It therefore seems fairly well established that fermentation for four months in an LRS privy kills all the hookworm eggs and that fermentation for three months (as suggested by Stiles and Gardner) will kill nearly all, probably all, the hookworm eggs.

These conclusions are based upon conditions obtaining in eastern North Carolina.

UNITED STATES.

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

[Adopted since Jan. 1, 1910.]

BIRMINGHAM, ALA.

DUST—PREVENTION OF.

It shall be unlawful for any person, firm, or corporation to sweep or permit the sweeping of any sidewalk in the city of Birmingham within fire limits without first sprinkling same with water, or moist sawdust, or some such substance, so as to prevent the raising of dust. (Ordinance, adopted Feb. 2, 1910.)

FOODSTUFFS AND DRUGS—REGULATION OF THE SALE OF.

SEC. 1. It shall be unlawful, in the city of Birmingham, or within the police jurisdiction thereof, for any person, firm, or corporation to sell, manufacture, or offer for sale any article, food, or drug, which is adulterated or misbranded or which contains any poisonous or deleterious substance within the meaning of this ordinance.

SEC. 2. The term "drugs," as used in this ordinance shall include all medicines and preparations recognized in the United States Pharmacopœia or National Formulary, for internal or external use, and any substance or mixture of substances intended to be used for the cure, mitigation, or prevention of diseases of either man or animal. The term "food," as used herein, shall include all articles used for food, drink, confectionery, or condiment by man or animals, whether simple, mixed, or compound.

SEC. 3. That for the purpose of this ordinance an article shall be deemed to be adulterated, in case of drugs: First, if, when a drug is sold under or by a distinctive name recognized in the United States Pharmacopœia or National Formulary, it differs from the standard strength, quality, or purity as determined by the test laid down in the United States Pharmacopœia or National Formulary, official at the time of investigation, provided that no drug defined in the United States Pharmacopœia or National Formulary shall be deemed to be adulterated under this provision if the standard strength, quality or purity be plainly stated on the bottle, box, or container thereof, although the standard may differ from that determined by the test laid down in the United States Pharmacopœia or National Formulary; second, if its strength or purity shall fall below the professed standard of quality under which it was sold. In case of confectionery, if it contains terra alba, barytes, talc, chrome yellow, burnt umber, or other mineral substance, or poisonous coloring or flavoring or other ingredients detrimental to health, or any vinous, malt, or spirituous liquor, or compound or narcotic drug.

In case of food: First, if any substance has been mixed and packed with it so as to reduce, or lower, or injuriously affect its quality or strength; second, if any substance has been substituted wholly or in part for the article; third, if any valuable constituent of the article has been wholly or in part abstracted; fourth, if it be mixed, colored, powdered, coated, or strained in a manner whereby damage or inferiority is concealed; fifth, if it contains any added poisonous or other added deleterious ingredient which may render such article injurious to health; *Provided*, That when in preparations of food for shipment it is preserved by any external application applied in such manner that the preservative is necessarily removed mechanically or by maceration in water or otherwise, and directions for removal of such preservatives, giving name and component parts (in red letters) placed on the covering of the package, or on a tag securely attached to the article; the provisions of this ordinance shall be construed as applying only when said products are ready for consumption, and shipment or delivery to retail trade; sixth, if the package vessel, or bottle containing it shall be of such a composition, or carry an attachment of such a composition or metal, or alloy as will be acted upon in the ordinary course by any of the contents of the package, vessel, or bottle in

such a way as to produce an injurious, deleterious, or poisonous compound; seventh, if it consists in whole or in part of a filthy, tainted, decomposed, or putrid animal or vegetable substance or any portion of an animal unfit for food, whether manufactured or not, or if it is the product of a diseased animal, or one that has died otherwise than by slaughter.

SEC. 4. That the term "misbranded," as used herein, shall apply to all drugs the package or label of which shall bear any statement, design, or device regarding such articles, or the ingredients or substances contained therein, which shall be false or misleading in any particular, or to any food or drug product which is falsely branded as to the State, Territory, or country in which it is manufactured or produced. That for the purpose of this ordinance an article shall also be deemed misbranded, in case of drugs, first, if it be an imitation of, or offered for sale under, the name of another article; second, if the contents of the package as originally put up shall have been removed in whole or part and other contents shall have been placed in such package, or if the package fails to bear a true statement on the label, or fails to show in conspicuous letters a true statement, as is or may be prescribed by United States law or rules and regulations, of the quantity and proportion of any alcohol, spirituous, vinous, or malt liquor, morphine, opium, cocaine, heroin, alpha or beta eucaine, chloroform, cannabis indica, chloral hydrate, antipyrine, or acetanilid, or any derivative or preparation of any such substances contained therein: *Provided*, That nothing in this section shall be construed to apply to such preparations as are specified and recognized by the United States Pharmacopoeia or National Formulary, or to prescriptions of licensed practitioners of medicine or dental surgery and veterinary surgeons in course of their personal practice; in case of foods, first, if it be an imitation of or offered for sale under the distinctive name of another article; second, if it be labeled or branded so as to deceive or mislead the purchaser, or purports to be a foreign product when not so, or is an imitation in a package or label of another substance of a previously established name, or which has been trade marked or patented, or if the contents of the package as originally put up shall have been removed in whole or in part and other contents shall have been placed in such package, or if it fails to bear a true statement on the label in conspicuous letters of the quantity or proportion of any alcohol, morphine, malt, malt extract, opium, cocaine, heroin, alpha or beta eucaine, chloroform, cannabis indica, chloral hydrate, antipyrine, or acetanilid, or any derivative or preparation of any such substance contained therein; third, if in package form and the contents are stated in terms of weight or measure they are not plainly or correctly stated on the outside of the package; fourth, if the package containing it or its label shall bear any statement, design, or device regarding the ingredients or substance contained therein, which statement, design, or device shall be false or misleading in any particular: *Provided*, That an article of food which does not contain any added poisonous or deleterious ingredients shall not be deemed to be adulterated or misbranded in the following cases: (a) In the case of mixtures or compounds which may be now, or from time to time hereafter, known as articles of food under their own distinctive names and not an imitation of, or offered for sale under, the distinctive name of another article, if the name be accompanied on the same label or brand with a statement of the place where the said article has been manufactured or produced; but in case of baking powders every can or other package shall be labeled so as to show clearly and exactly what acid salt and what amount has been used in making the same; (b) in the case of articles labeled, branded, or tagged so as to plainly indicate that they are compounds, imitations, or blends, and the word "compound," "imitation," or "blend," as the case may be, is plainly stated in larger letters than other printing on the package in which it is offered for sale: *Provided*, That the term "blend" as used herein shall be construed to mean a mixture of like substances, not excluding harmless coloring or flavoring only: *And provided further*, That the label bear a true statement of the name of the ingredients entering into or going to make up the food sold or offered for sale in the city of Birmingham as imitations, compounds, or blends.

SEC. 5. That no dealer shall be prosecuted under the provisions of this ordinance when he can establish a guaranty signed by the wholesale jobber, manufacturer, or other party from whom he purchased such article to the effect that the same is not adulterated, or misbranded within the meaning of this ordinance, designating it. Such guaranty to afford protection shall contain the name and address of the party or parties making the sale of such article to such dealer, and in such cases the said party or parties shall be amenable to the prosecution, fines, and other penalties which would attach in due course to the dealer under the provisions of this ordinance.

SEC. 6. That the words "person" or "party" as used in this ordinance shall be construed to impart the plural and the singular as the case demands, and shall include corporations, companies, societies, and associations, and, when construing and enforce-

ing the provisions of this ordinance, the act, omission, or failure of such corporation, company, society, or association, as well as that of the person.

SEC. 7. That the police officers, meat and milk inspectors, sanitary inspectors, inspectors of weights and measures, and the city bacteriologist are hereby charged with the duties of the inspection and analysis required for the proper enforcement of this ordinance; and the examinations of specimens of food or drugs shall, when necessary, be made by the city bacteriologist and his assistants for the purpose of determining from such examinations whether articles are adulterated or misbranded within the meaning of this ordinance.

SEC. 8. That samples for analysis may be taken by such officers as are named or mentioned in this ordinance or other duly qualified officers; they shall take samples of such articles as in their opinion are below the standards of quality required in this ordinance and in the manner prescribed herein. Whenever practicable samples shall be taken in original, unbroken packages, said packages to be wrapped and tied securely and sealed over the cord with sealing wax. In case it is not practicable to take samples for analysis in original packages, as, for instance, in case of sirup or other liquids in barrels or flour barrels, such officer shall take a fair sample of the same in the presence of the seller, place it in a suitable receptacle, securely close it, number the same, and take it to the proper officer for examination and analysis. In the execution of their duties the officers charged with the enforcement of this ordinance shall have free access at all reasonable hours to any place where it is suspected that any impure foods are being manufactured, or wherein any articles of food or drugs adulterated with any deleterious or injurious foreign ingredients exists, or wherein any offense as prohibited by this ordinance is being committed by a manufacturer or seller. In taking the samples the retail price of the same must be tendered to the manufacturer or seller.

SEC. 9. That any manufacturer, seller, or person who shall impede, hinder, obstruct, or otherwise prevent or attempt to prevent any duly authorized officer in the performance of his duties in collecting samples or otherwise in connection with this ordinance shall be guilty of a violation of this ordinance.

SEC. 10. That the standards of purity for all food or drug products shall be fixed by the State commissioner of agriculture and industries and as provided by and in section 13 of an act of the Legislature of Alabama entitled "An act to regulate the sale of food and drugs in the State of Alabama, to provide for enforcement and inspectors and prescribe penalties for violations thereof," approved August 26, 1909.

SEC. 11. That the officers charged with the duty of enforcing the provisions of the ordinance may exercise discretion as to the class of products that are first subjected to rigorous inspection and analysis, but they are hereby directed as soon as possible to suppress the sale of adulterated cheese, butter, candy and condiments, vinegar, sirup and molasses, leaf lard, lard, compound lard, and cottonseed-oil by-products, and the misbranding of any such articles in the city of Birmingham.

SEC. 12. That any article of food, drugs, or liquor that is adulterated or misbranded within the meaning of this ordinance shall be liable to be proceeded against in the recorder's court having jurisdiction, and seized by confiscation by a process of libel or condemnation, and if such article is condemned as being adulterated or misbranded, or of a poisonous or deleterious character within the meaning of this ordinance, the same shall be disposed of by a destruction or sale as the court may determine and direct, and the proceeds thereof, if sold, less legal costs and charges, shall be paid into the city treasury; but such articles shall not be sold contrary to the provisions of this ordinance or the national pure-food law or the State pure-food law.

SEC. 13. That all laws and ordinances and parts of laws and ordinances of the city of Birmingham in conflict with this ordinance be, and the same are hereby, repealed.

SEC. 14. That any person who shall violate any of the provisions of this ordinance shall, upon conviction, be punished as provided by and in section 806 of the city code. (Ordinance, adopted May 4, 1910.)

WATER DEPOSITS—TO BE DRAINED OR OILED.

Any person who allows any obstruction upon his premises, or upon the premises of which he has charge or control in the city or police jurisdiction, whereby free drainage is prevented, or who creates any pool or pond of stagnant water or offensive wet place, or permits or suffers the same upon any premises, or who shall, between the 15th day of May and the 15th day of November of each year, fail to keep a coating of kerosene oil sufficient for the destruction of mosquitoes and wiggletails upon all water standing for a period of six hours or more upon any such premises, shall be fined not more nor less than \$100 and imprisoned at hard labor for the city not exceeding six months, one or both. This ordinance shall go into effect upon the date of its passage. (Ordinance, adopted May 18, 1910.)

DAIRIES—DISPOSAL OF TUBERCULOUS CATTLE.

SEC. 1. Whenever the meat and milk inspector or his assistant shall find that any dairy cow or cows in any dairy in Jefferson County used for the production of milk for the inhabitants of the city of Birmingham, or any bovine animal of any kind associated with or connected with such dairy in any manner, are affected with tuberculosis, as determined by the tuberculin test, or otherwise with tuberculosis, it shall be the duty of the meat and milk inspector or his assistant to immediately notify the owner, proprietor, or manager of such dairy, either in person or in writing, of the presence of such tuberculous animal or animals.

SEC. 2. It shall be the duty of the owner or proprietor of such dairy, on being notified by the meat and milk inspector, or his assistant, to remove, or to have removed, within 24 hours, the said tuberculous cows from his dairy herd to a slaughterhouse that is under the supervision of the meat and milk inspector or his assistant, where the said tuberculous cow or cows must be slaughtered immediately, under the supervision of the meat and milk inspector, or his assistant, and a post-mortem examination held on same, and the tuberculous carcass or carcasses properly disposed of under the supervision of the meat and milk inspector or his assistant.

SEC. 3. It shall be unlawful for any person to interfere with, resist, or hinder, or prevent the meat and milk inspector, or his assistant, from the performance of his duties in the enforcement of any provision of this ordinance. Any such interference, resistance, hindrance, or prevention of the meat and milk inspector, or his assistant, shall be punished as provided for in this ordinance, and the permit issued to the dairy where such interference, hindrance, or prevention occurs shall be ipso facto revoked.

SEC. 4. Any dairyman, firm, or corporation, by himself or through his agent, found guilty of violating any provision of this ordinance, must, on conviction, be fined not less than \$10 nor more than \$100, and may also be imprisoned at hard labor for the city not exceeding six months, one or both.

SEC. 5. All ordinances or parts of ordinances in conflict with any part of this ordinance be, and the same are hereby, repealed. (Ordinance, adopted June 1, 1910.)

[WATER—QUALITY OF—TO BE SUPPLIED TO TENANTS.

It shall be unlawful for any person, firm, or corporation, to furnish for use of tenants occupying quarters in charge of or under control of any such person, firm, or corporation any water that shall not be equal in purity to that furnished by the Birmingham water-works system or the North Birmingham municipal water-works system.

Any person, firm, or corporation failing to comply with the provisions of this ordinance shall be deemed guilty of a misdemeanor and subject to a fine of from \$10 to \$100, and each day's failure to comply with the above ordinance shall constitute a separate offense, provided, however, that such person, firm, or corporation shall be served with a written notice by the city health officer, or any of his assistants, notifying them to comply with such ordinance. (Ordinance, adopted June 15, 1910.)

CONTAGIOUS AND INFECTIOUS DISEASES—TO BE REPORTED WHEN READY FOR DISMISSAL.

SEC. 1. It shall be the duty of every physician or other person reporting cases of typhoid fever, smallpox, scarlet fever, diphtheria, measles, chicken pox, or other contagious or infectious disease to report to the city health officer as soon as each case is ready for dismissal.

SEC. 2. Any person violating any provision of this ordinance shall be deemed guilty of a misdemeanor, and be fined as provided in section 806 of the city code of Birmingham, Ala. (Ordinance, adopted May 18, 1910.)

SEWERAGE SYSTEM—USE OF BY THOSE OUTSIDE THE CORPORATE LIMITS.

SEC. 1. Any person, firm, or corporation having its property, premises, or building not within the corporate limits, but within the police jurisdiction of the city of Birmingham, desiring to use or to connect with any sanitary sewer or sewers which connect with and flow into the sanitary sewerage system of Birmingham at any point, shall be required to conform to the laws and ordinances of the city of Birmingham regulating the installation of sanitary plumbing, and securing of permits for and the inspection of same, and shall be required generally to abide by the sanitary sewerage regulations of the city of Birmingham. (Ordinance, adopted July 20, 1910.)

MILK—STANDARD REQUIRED.

Be it ordained by the city council of Birmingham as follows: That section 337 of the city code of Birmingham as amended by ordinance 310, be, and the same is hereby further amended so as to read as follows:

SEC. 337. Quality of milk: No person, firm, or corporation shall sell, barter, supply, offer or expose for sale, barter or supply within the city or the police jurisdiction thereof, or have in their possession for such purpose, or purposes, any milk which contains less than 3.5 per cent butter fat, or more than 87.5 per cent water, or less than 12.5 total solids, and the specific gravity at 60° F. shall not be lower than 1.029 nor higher than 1.033; all milk of a lower grade than specified by this section is below standard and shall be regarded as adulterated and impure, and shall be condemned as unfit for food, and destroyed by the meat and milk inspector, or his assistants, and the vender thereof punished as provided in section 359 of the city code. (Ordinance, adopted Sept. 7, 1910.)

MILK—DISPOSAL OF HUMAN EXCRETA AT DAIRIES.

SECTION 1. Every dairy supplying milk to the citizens of Birmingham shall be, and is hereby, required to put into operation on its premises, 60 days after notice, some form of individual crematory, to be approved by the city health officer, for the disposal of human excreta, as a safeguard against the contamination of the milk from the excreta of those connected with said dairy and members of the family of the owner of same.

SEC. 2. Any dairy provided with connection with sanitary sewer is exempt from the requirements of this ordinance.

SEC. 3. Any dairyman, through himself or by agent or employee, found guilty of violating the provisions of this ordinance must on conviction be fined as provided in section 806 of the city code of Birmingham.

This ordinance shall go into effect March 1, 1911. (Ordinance, adopted Dec. 21, 1910.)

PLAGUE-PREVENTION WORK.

PLAGUE AMONG GROUND SQUIRRELS.

During the past two months greater numbers of plague-infected ground squirrels have been reported than heretofore. The reason for this apparent increase of plague is as follows:

During the past year the chief efforts of the service have been directed toward outlining definitely the area of infection. As a consequence the greater number of squirrels collected were in areas outside of the limit of infection, and few infected squirrels were therefore found.

Now that the area of infection is believed to be definitely known, the principal efforts are being directed toward the elimination of known foci of infection, and greater numbers of infected squirrels are being found than was formerly the case.

PLAGUE-INFECTED GROUND SQUIRRELS FOUND IN CALIFORNIA.

During the week ended September 23 a diagnosis of plague was made in 3 squirrels found in Contra Costa County. The squirrels had been obtained as follows:

Peoples' Water Co., $3\frac{1}{2}$ miles east of Stege, Rancho El Sobrante, Brissac tract, 3 ground squirrels—2 on September 9 and 1 on September 15, 1911.

DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay, 7,271 acres of land in Alameda County and 1,225 acres in Contra Costa County were covered with poison during the week ended September 23, 1911.

During the same period 2,360 acres of land in San Joaquin County and 1,300 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.....	Sept. 15, 1911.....	362 squirrels.
Merced.....	None.....	do.....	July 13, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	Aug. 6, 1911.....	Do.
San Benito.....	June 5, 1910.....	do.....	June 8, 1911.....	22 squirrels.
San Joaquin.....	Sept. 18, 1911.....	do.....	Aug. 26, 1911.....	18 squirrels.
San Luis Obispo.....	None.....	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:				
City—				
Seattle.....	Oct. 30, 1907.....	Aug. 26, 1911.....	None.....	23 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Sept. 23.....		¹ 146	76	None.
Oakland.....	do.....	23	² 672	532	Do.
San Francisco.....	do.....	20	³ 1,641	1,121	Do.
County—					
San Joaquin.....	do.....		⁴ 1	1	Do.
Washington:					
City—					
Seattle.....	do.....		768	689	.....

¹ Identified, *Mus norvegicus* 102, *Mus musculus* 44.² Identified, *Mus norvegicus* 582, *Mus musculus* 89, *Mus alexandrinus* 1.³ Identified, *Mus norvegicus* 947, *Mus musculus* 418, *Mus rattus* 189, *Mus alexandrinus* 87.⁴ Identified, *Mus alexandrinus* 1.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Sept. 23.....	1		1	None.
San Francisco.....	do.....	1		0	None.
Counties—					
Alameda.....	do.....	106	48	113	None.
Butte.....	do.....	181		20	None.
Colusa.....	do.....	93	2	81	None.
Contra Costa.....	do.....	102	92	141	3
Glenn.....	do.....	297		239	None.
Kern.....	do.....	48		48	None.
Lake.....	do.....	90		90	None.
Mendocino.....	do.....	161		110	None.
Merced.....	do.....	86		86	None.
San Benito.....	do.....	35		35	None.
San Joaquin.....	do.....	87	7	94	None.
Shasta.....	do.....	41		41	None.
Sonoma.....	do.....	75		75	None.
Stanislaus.....	do.....	211	1	212	None.
Yolo.....	do.....	106		57	None.
Oregon:					
County—					
Jackson.....	do.....	19		19	None.
Total.....		1,740	150	1,462	3

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
City—				
Berkeley.....	Sept. 23	2 gophers.....	2	None.
Counties—				
Alameda.....	do.....	1 wood rat.....	1	None.
Colusa.....	do.....	14 rabbits.....	14	None.
Glenn.....	do.....	8 wood rats, 3 weasels.....	11	None.
Merced.....	do.....	7 rabbits.....	7	None.
San Benito.....	do.....	1 kangaroo rat, 2 owls, 1 chipmunk.....	1	None.
San Joaquin.....	do.....	5 rabbits.....	5	None.
Shasta.....	do.....	9 rabbits.....	9	None.
Stanislaus.....	do.....	10 rabbits.....	10	None.
Total.....			60	.....

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 Oct. 13, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Sept. 24-30.....	2		
Florida:				
Counties—				
Bradford.....	do.....	2		
Jackson.....	do.....	26		
Total for State.....		28		
Maryland.....				
	Aug. 1-31.....			No cases.
	Sept. 1-30.....			Do.
Michigan:				
Counties—				
Gratiot.....	Aug. 1-31.....	2		
Mackinac.....	do.....	5		
Montcalm.....	do.....	2		
St. Clair.....	do.....	10		
Wayne.....	do.....	3		
Total for State.....		22		
New York:				
Counties—				
Cattaraugus.....	Aug. 1-31.....	7		
Jefferson.....	do.....	1		
Onondaga.....	do.....	3		
Steuben.....	do.....	3		
Total for State.....		14		
North Carolina:				
Counties—				
Catawba.....	Aug. 1-31.....	1		
Cumberland.....	do.....	2		
Durham.....	do.....	1		
Granville.....	do.....	18		
Guilford.....	do.....	3		
Harnett.....	do.....	2		
McDowell.....	do.....	1		
Mecklenburg.....	do.....	4		
Robeson.....	do.....	2		
Vance.....	do.....	12		
Warren.....	do.....	9		
Total for State.....		55		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Oct. 13, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Oklahoma:				
Counties—				
Comanche.....	Aug. 1-31.....	8	.....
Hughes.....	do.....	5	.....
Sequoyah.....	do.....	3	.....
Tulsa.....	do.....	1	.....
Total for State.....		17	.....
South Dakota:				
Counties—				
Coddington.....	Aug. 1-31.....	1	.....
Dewey.....	do.....	1	.....
Hutchinson.....	do.....	1	.....
Spink.....	do.....	2	.....
Total for State.....		5	.....
Wisconsin:				
Counties—				
Barron.....	Aug. 1-31.....	1	.....
Douglas.....	do.....	8	.....
Pierce.....	do.....	4	.....
Wood.....	do.....	8	.....
Total for State.....		21	.....

Reports Received from July 1 to Oct. 6, 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.
*Alabama:				
Mobile.....	June 18-24.....	3	.....
Montgomery.....	June 25-Aug. 19....	4	.....
Total for State.....		7	.....
Arizona:				
County—				
Cochise.....	July 1-31.....	7	.....	Aug. 1-31, no cases.
California:				
Counties—				
Alameda.....	Aug. 1-31.....	1	.....
Fresno.....	do.....	4	.....
Los Angeles.....	May 1-Aug. 31.....	9	.....
Sacramento.....	Aug. 1-31.....	1	.....
San Bernardino.....	do.....	2	.....
Santa Cruz.....	May 1-31.....	1	.....
San Diego.....	do.....	1	.....
San Francisco.....	May 1-Aug. 31.....	4	.....
San Joaquin.....	Aug. 1-31.....	2	.....
Siskiyou.....	do.....	1	.....
Tulare.....	do.....	1	.....
Ventura.....	do.....	1	.....
Total for State.....		28	.....
Colorado:				
Counties—				
Archuleta.....	Aug. 1-31.....	1	.....
Boulder.....	June 1-July 31.....	3	.....
Chaffee.....	June 1-30.....	3	.....
Clear Creek.....	June 1-July 31.....	8	.....
Conejos.....	do.....	4	.....
Costilla.....	June 1-30.....	1	.....
Delta.....	do.....	7	.....
Denver.....	June 1-Aug. 31.....	31	.....
Fremont.....	Aug. 1-31.....	31	.....
El Paso.....	June 1-30.....	2	.....
Huerfano.....	June 1-Aug. 31.....	7	.....
Jefferson.....	Aug. 1-31.....	1	.....
Kiowa.....	July 1-Aug. 31.....	4	.....
Lake.....	June 1-Aug. 31.....	9	.....
La Plata.....	June 1-July 31.....	7	.....
Larimer.....	June 1-Aug. 31.....	10	.....
Las Animas.....	Aug. 1-31.....	1	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Colorado—Continued.				
Counties—Continued.				
Lincoln.....	June 1-30.....	2		
Mesa.....	do.....	1		
Morgan.....	Aug. 1-31.....	3		
Montrose.....	July 1-31.....	2		
Otero.....	do.....	1		
Phillips.....	do.....	1		
Pueblo.....	June 1-Aug. 31.....	7		
San Miguel.....	June 1-30.....	1		
Washington.....	June 1-July 31.....	11		
Weld.....	July 1-31.....	1		
Total for State.....		131		
Connecticut, entire State.....				
Middlesex County.....	July 1-Aug. 31.....	2		May 1-31, no cases.
District of Columbia.....	July 2-8.....	5		
Florida:				
Counties—				
Alachua.....	Aug. 20-26.....	3		
Bradford.....	July 17-Sept. 9.....	6		
Citrus.....	July 9-22.....	2		
Columbia.....	July 2-8.....	1		
De Soto.....	June 16-Aug. 26.....	7		
Duval.....	June 16-Sept. 23.....	44	1	
Escambia.....	June 16-Aug. 26.....	7		
Gadsden.....	July 9-Sept. 23.....	72		
Hillsboro.....	June 16-Aug. 26.....	3		
Jackson.....	July 2-8.....	31		
Jefferson.....	Sept. 16-23.....	20		
Leon.....	June 16-July 8.....	11		
Levy.....	July 9-16.....	1		
Madison.....	Sept. 10-16.....	2		
Manatee.....	June 16-July 8.....	8		
Marion.....	July 9-Sept. 16.....	2		
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.....		263	1	
Indiana:				
Counties—				
Adams.....	Aug. 1-31.....	1		
Allen.....	June 1-30.....	1		
Bartholomew.....	July 1-31.....	1		
Benton.....	June 1-30.....	2		
Blackford.....	do.....	4		
Boone.....	Aug. 1-31.....	1		
Cass.....	do.....	1		
Clarke.....	July 1-31.....	2		
Clinton.....	June 1-30.....	7		
Delaware.....	June 1-Aug. 31.....	14		
Franklin.....	July 1-31.....	1		
Henry.....	June 1-Aug. 31.....	2		
Howard.....	do.....	41		
Jay.....	June 1-30.....	2		
Lake.....	Aug. 1-31.....	3		
Laporte.....	June 1-30.....	2		
Madison.....	June 1-Aug. 31.....	21		
Marion.....	do.....	4		
Orange.....	Aug. 1-31.....	2		
Parke.....	June 1-July 31.....	4		
Posey.....	June 1-30.....	3		
Rush.....	Aug. 1-31.....	3		
Shelby.....	June 1-30.....	3		
Tippecanoe.....	July 1-31.....	2		
Tipton.....	June 1-Aug. 31.....	6		
Vanderburg.....	do.....	1	1	
Vigo.....	July 1-31.....	8		
Wabash.....	June 1-30.....	2		
Wayne.....	June 1-July 31.....	13		
Total for State.....		157	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Iowa:				
Counties—				
Adams.....	June 1-July 31....	19		
Appanoose.....	June 1-30.....	1		
Blackhawk.....	do.....	4		
Carroll.....	do.....	1		
Davis.....	do.....	3		
Decatur.....	June 1-July 31....	2		
Fremont.....	June 1-30.....	11		
Henry.....	do.....	1		
Johnson.....	July 1-31.....	13		
Lee.....	June 1-30.....	1		
Linn.....	July 1-Aug. 31....	9		
Marshall.....	June 1-Aug. 31....	9		
Mills.....	June 1-30.....	1	1	
Polk.....	June 1-Aug. 31....	13		
Pottawattamie.....	do.....	19		
Scott.....	June 1-July 31....	6		
Sioux.....	do.....	8		
Taylor.....	do.....	9		
Wapello.....	June 1-Aug. 31....	5		
Wright.....	June 1-30.....	1		
Woodbury.....	July 1-31.....	1		
Total for State.....		137	1	
Kansas:				
Counties—				
Allen.....	May 1-31.....	7		
Anderson.....	June 1-30.....	15		
Atchison.....	May 1-June 30....	2		
Barton.....	do.....	8		
Clark.....	July 1-31.....	1		
Clay.....	May 1-31.....	1		
Cloud.....	do.....	1		
Crawford.....	May 1-July 31....	19		
Dickinson.....	May 1-31.....	13		
Doniphan.....	do.....	15		
Douglas.....	May 1-July 31....	4		
Elk.....	May 1-31.....	15		
Ellsworth.....	June 1-30.....	1		
Franklin.....	May 1-31.....	4		
Graham.....	May 1-June 30....	3		
Harvey.....	May 1-July 31....	30		
Haskell.....	May 1-31.....	19		
Jefferson.....	May 1-July 31....	9		
Jewel.....	July 1-31.....	5		
Johnson.....	May 1-June 30....	5		
Kearny.....	June 1-July 31....	2		
Labette.....	May 1-July 31....	13		
Lane.....	June 1-30.....	11		
Leavenworth.....	May 1-June 30....	3		
Lyon.....	July 1-30.....	2		
Marion.....	May 1-31.....	3		
Marshall.....	do.....	3		
Miami.....	do.....	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-July 31....	13		
Saline.....	May 1-June 30....	7		
Sedgwick.....	May 1-July 31....	12		
Shawnee.....	do.....	49	11	
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.....		394	14	
*Kentucky:				
Covington.....	July 2-22.....	10		
Louisville.....	May 1-31.....	4		
Total for State.....		14		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.	
*Louisiana:					
Parishes—					
Ascension.....	Mar. 1-31.....	21		July 1-31, no case.	
Morehouse.....	Apr. 1-30.....	4			
Orleans—					
New Orleans.....	June 25-Aug. 13.....	4			
St. Tammany.....	Mar. 1-31.....	3			
Tangipahoa.....	Mar. 1-Apr. 30.....	21			
Total for State.....		53			
Maine, entire State.....					
Counties—					
Androscoggin.....	Aug. 1-31.....	3			
Somerset.....	June 1-30.....	3			
Total for State.....		6			
Maryland:					
Counties—					
Frederick.....	July 1-31.....	3			
Prince Georges.....	.....do.....	1		
Washington.....	June 1-30.....	1			
Total for State.....		5			
Massachusetts.					
County—					
Middlesex.....	June 1-30.....	1			
Michigan:					
Counties—					
Antrim.....	.....do.....	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		
	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-Aug. 31.....	22	1		
St. Louis.....	June 18-Sept. 2.....	2			
Total for State.....		24			

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
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		
*Nebraska:				July 1-31, no cases.
Lincoln.....	Feb. 1-June 30.....	200		
Omaha.....	June 19-Aug. 19.....	4		
South Omaha.....	Aug. 20-26.....	1		
Total for State.....		205		
New Jersey				No cases in June and Augu
County—				
Middlesex.....	July 1-31.....	1		
New York	June 1-30.....	1		
Counties—				
Cattaraugus.....	July 1-31.....	1		
Erie.....	June 1-July 31.....	18		
Clinton.....	June 1-30.....	1		
Franklin.....	do.....	1		
Monroe.....	do.....	4		
Onondaga.....	June 1-July 31.....	7		
Otsego.....	June 1-30.....	1		
St. Lawrence.....	do.....	4		
Schoharie.....	July 1-31.....	11		
Steuben.....	do.....	1		
Tioga.....	June 1-30.....	1		
Ulster.....	do.....	5		
Wayne.....	July 1-31.....	1		
Wyoming.....	do.....	1		
Total for State.....		58		
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		
Cass.....	Aug. 1-31.....	1		
Lamoure.....	July 1-31.....	1		
McKenzie.....	Aug. 1-31.....	1		
Morton.....	June 1-30.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
North Dakota—Continued.				
Counties—Continued.				
Mountrail.....	June 1-30.....	6	.....
Nelson.....	Aug. 1-31.....	4	.....
Ward.....	June 1-30.....	1	.....
Total for State.....		23	.....
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-Aug. 31.....	19	.....
Licking.....	July 1-31.....	1	.....
Lorain.....	do.....	5	.....
Lucas.....	July 1-Aug. 31.....	6	.....
Pickaway.....	July 1-31.....	3	.....
Ross.....	Aug. 1-31.....	9	.....
Sandusky.....	June 1-30.....	4	.....
Total for State.....		123	.....
Oklahoma:				
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-July 31.....	9	.....
Hughes.....	do.....	4	.....
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	.....
Rogers.....	July 1-31.....	1	.....
Seminole.....	May 1-June 30.....	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.....		208	.....
Oregon:				
Counties—				
Baker.....	June 1-30.....	1	.....
Benton.....	May 1-31.....	1	.....
Cass.....	Aug. 1-31.....	1	.....
Douglas.....	Apr. 1-30.....	1	.....
Grant.....	Aug. 1-31.....	3	.....
Josephine.....	do.....	1	.....
Linn.....	Apr. 1-July 31.....	2	.....
Morrow.....	May 1-31.....	1	.....
Multnomah.....	Apr. 1-July 31.....	15	.....
Union.....	June 1-30.....	1	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Oregon—Continued.				
Counties—Continued.				
Wasco.....	June 1-30.....	8		
Washington.....	Apr. 1-June 30.....	7		
Yamhill.....	June 1-30.....	1		
Total for State.....		43		
Pennsylvania.....	May 1-June 30.....	79		
Rhode Island:				
Providence.....	June 15-July 14.....	3		
* South Carolina:				
Port Royal.....	July 22.....	1		
South Dakota:				
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	
*Tennessee:				
Counties—				
Knox—				
Knoxville.....	June 18-July 22.....	9		
Shelby.....	June 1-Aug. 31.....	10		
Total for State.....		19		
Texas.....				
Counties—				
Brazoria.....	Aug. 1-31.....	2		
Bell.....	June 1-30.....	2		
Cameron.....	May 1-Aug. 31.....	34		
Childress.....	June 1-30.....	1		
Collin.....	May 1-31.....	5		
Dallas.....	do.....	13		
Denton.....	do.....	1		
Eastland.....	Apr. 1-30.....	4		
Eastland.....	Aug. 1-31.....	5		
El Paso.....	May 1-July 31.....	11		
Floyd.....	May 1-31.....	3		
Galveston.....	May 1-June 30.....	7		
Hall.....	do.....	4		
Harris.....	May 1-Aug. 31.....	6		
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Counties—Continued.				
Titus.....	May 1-31.....	5	.....
Victoria.....	July 1-31.....	1	.....
Wayne.....	June 1-30.....	5	.....
Wichita.....	May 1-31.....	6	.....
Total for State.....		184	1	
Utah:				
Counties—				
Beaver.....	May 1-July 31.....	18	.....
Boxelder.....	do.....	31	.....
Cache.....	May 1-June 30.....	14	.....
Carbon.....	May 1-Aug. 31.....	113	2	
Emery.....	do.....	88	1	
Garfield.....	do.....	20	.....
Juab.....	July 1-Aug. 31.....	5	.....
Piute.....	May 1-31.....	9	.....
Rich.....	July 1-31.....	16	.....
Salt Lake.....	May 1-Aug. 31.....	40	.....
Sanpete.....	do.....	35	.....
Sevier.....	do.....	48	.....
Tooele.....	May 1-June 30.....	33	.....
Uinta.....	May 1-Aug. 31.....	9	.....
Utah.....	May 1-July 31.....	18	1	
Washington.....	do.....	1	.....
Weber.....	do.....	11	.....
Total for State.....		509	4	
Virginia:				
Counties—				
Augusta.....	Aug. 1-31.....	1	.....
Brunswick.....	Mar. 1-May 31.....	49	.....
Campbell.....	May 1-Aug. 31.....	2	.....
Dinwiddie.....	Apr. 1-May 31.....	19	.....
Essex.....	Aug. 1-31.....	1	.....
Fairfax.....	Mar. 1-Aug. 31.....	6	.....
Fauquier.....	Apr. 1-May 30.....	6	.....
Greenville.....	July 1-31.....	4	.....
Halifax.....	Aug. 1-31.....	3	.....
Hanover.....	Mar. 1-July 31.....	3	.....
Henrico.....	Mar. 1-Aug. 31.....	17	.....
Henry.....	do.....	77	.....
Isle of Wight.....	May 1-31.....	1	.....
Lancaster.....	do.....	1	.....
Lee.....	Mar. 1-Aug. 31.....	107	.....
Loudoun.....	Mar. 1-31.....	1	.....
Mecklenburg.....	Mar. 1-June 30.....	13	.....
Nansemond.....	Mar. 1-Aug. 31.....	24	.....
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	.....
Southampton.....	Mar. 1-Apr. 30.....	9	.....
Surry.....	Mar. 1-31.....	2	.....
Sussex.....	Mar. 1-June 30.....	7	.....
Wise.....	do.....	15	.....
Total for State.....		455	.....
Washington:				
Counties—				
Benton.....	July 1-31.....	2	.....
Chehalis.....	May 1-July 31.....	4	.....
Chelan.....	do.....	2	.....
Columbia.....	May 1-31.....	5	.....
Cowlitz.....	May 1-July 31.....	4	.....
Garfield.....	do.....	5	.....
King.....	do.....	42	.....
Kittitas.....	July 1-31.....	2	.....
Mason.....	May 1-31.....	28	.....
Pierce.....	May 1-July 31.....	11	.....
San Juan.....	May 1-31.....	1	.....
Skagit.....	May 1-July 31.....	5	.....
Spokane.....	do.....	9	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Washington—Continued.				
Counties—Continued.				
Thurston.....	May 1-31.....	1	.....
Whatcom.....	do.....	5	.....
Whitman.....	do.....	17	.....
Yakima.....	May 1-July 31.....	69	.....
Total for State.....		212	.....
Wisconsin:				
Counties—				
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.....		3,928	26	

PLAGUE IN THE UNITED STATES.

Reports Received from July 25 to Oct. 6, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Counties—				
Alameda—				
Oakland.....	Aug. 9.....	1	.....	Infection received at Pinol Ca-
Contra Costa.....	July 25-26.....	1	1	nion, Contra Costa County, Cal.
San Joaquin.....	Sept. 18.....	1	.....	1 mile n.w. of Lafayette.
				2 miles ne. of Ripon.

MORBIDITY AND MORTALITY.

Morbidity and Mortality Table, Cities of the United States, for Week Ended Sept. 23, 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	183	33	2	.....	.....	18	1	.....	.....	34	23	53	8
Boston, Mass.....	670,585	210	31	2	6	.....	14	1	.....	.....	48	12	22	4
Chicago, Ill.....	2,185,283	544	120	11	10	3	56	1	.....	.....	157	.....	63	3
Cleveland, Ohio.....	560,663	.....	41	1	4	.....	30	1	.....	.....	68	14	55	4
New York, N. Y.....	4,766,883	1,330	192	11	86	3	56	2	.....	.....	465	155	154	22
Philadelphia, Pa.....	1,549,008	457	71	3	2	1	24	1	.....	.....	113	51	41	5
Pittsburgh, Pa.....	533,905	130	24	3	5	.....	11	2	.....	.....	28	16	12	1
St. Louis, Mo.....	687,029	158	19	1	.....	.....	9	.....	.....	.....	25	12	25	2

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Sept. 23, 1911—Continued.

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 from 500,000 to 600,000 inhabitants.														
Buffalo, N. Y.	423,715	-----	38	3	3	-----	6	1	1	-----	19	8	17	6
Cincinnati, Ohio.	364,463	-----	17	1	1	-----	16	1	1	-----	30	12	7	-----
Detroit, Mich.	465,766	131	22	5	-----	-----	16	1	-----	-----	-----	-----	-----	-----
Los Angeles, Cal.	319,198	85	2	-----	1	-----	11	-----	-----	-----	50	16	8	1
Milwaukee, Wis.	373,857	87	15	-----	-----	-----	26	-----	-----	-----	25	5	11	1
Newark, N. J.	347,469	85	18	2	-----	-----	7	-----	-----	-----	25	10	11	2
New Orleans, La.	339,075	124	7	1	1	-----	9	-----	-----	-----	22	18	8	1
San Francisco, Cal.	416,912	121	6	-----	43	2	4	-----	1	-----	25	15	5	3
Washington, D. C.	331,069	109	3	-----	5	-----	2	-----	-----	-----	23	15	23	3
Cities having from 200,000 to 300,000 inhabitants.														
Denver, Colo.	213,381	52	32	4	-----	-----	7	-----	-----	-----	9	-----	-----	-----
Jersey City, N. J.	267,779	85	-----	1	-----	-----	-----	-----	-----	-----	8	-----	-----	1
Providence, R. I.	224,326	62	9	-----	3	-----	5	-----	-----	-----	6	4	10	2
Seattle, Wash.	237,194	40	7	-----	1	-----	-----	-----	1	-----	5	5	12	1
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.	102,054	22	3	-----	-----	-----	1	-----	-----	-----	1	-----	-----	-----
Cambridge, Mass.	104,839	19	11	1	-----	-----	-----	-----	-----	-----	4	4	4	-----
Columbus, Ohio.	181,548	64	7	1	1	-----	11	-----	-----	-----	4	9	14	1
Dayton, Ohio.	116,577	41	3	-----	2	-----	-----	-----	-----	-----	3	5	5	2
Fall River, Mass.	119,295	47	3	-----	-----	-----	2	-----	-----	-----	6	2	8	3
Grand Rapids, Mich.	112,571	34	5	-----	-----	-----	3	-----	-----	-----	2	-----	4	1
Lowell, Mass.	106,294	27	-----	-----	2	-----	4	-----	-----	-----	-----	1	2	-----
Nashville, Tenn.	110,364	34	-----	-----	-----	-----	2	-----	-----	-----	3	-----	11	3
Omaha, Nebr.	124,096	16	14	-----	-----	-----	2	-----	-----	-----	-----	1	1	-----
Spokane, Wash.	104,402	27	1	-----	-----	-----	1	-----	-----	-----	-----	2	9	4
Toledo, Ohio.	168,497	53	21	2	-----	-----	9	1	-----	-----	4	4	6	1
Worcester, Mass.	145,986	42	14	1	1	-----	2	1	-----	-----	4	3	9	1
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.	52,127	10	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	1
Bayonne, N. J.	55,545	19	2	-----	-----	-----	1	-----	-----	3	-----	-----	-----	-----
Brockton, Mass.	56,878	12	-----	-----	1	-----	-----	-----	-----	1	-----	-----	-----	-----
Camden, N. J.	94,538	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----
Covington, Ky.	53,270	19	1	-----	-----	-----	1	-----	-----	-----	1	2	2	-----
Duluth, Minn.	78,466	22	3	1	-----	-----	4	-----	1	-----	-----	-----	-----	-----
Elizabeth, N. J.	73,409	19	2	-----	-----	-----	1	-----	-----	-----	3	-----	-----	-----
Evansville, Ind.	69,647	16	1	-----	-----	-----	-----	-----	-----	1	1	5	1	-----
Harrisburg, Pa.	64,186	15	5	-----	-----	-----	-----	-----	-----	7	2	2	-----	-----
Hartford, Conn.	98,915	37	-----	-----	-----	-----	7	1	-----	2	1	2	-----	-----
Hoboken, N. J.	70,324	2	1	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----
Houston, Tex.	78,800	30	1	-----	-----	-----	2	-----	-----	-----	4	-----	-----	-----
Johnstown, Pa.	55,482	26	8	-----	-----	-----	2	-----	-----	-----	10	1	6	-----
Kansas City, Kans.	82,331	-----	1	-----	1	-----	5	-----	-----	-----	8	-----	2	-----
Lawrence, Mass.	85,892	32	3	2	-----	-----	5	-----	-----	-----	6	1	1	-----
Lynn, Mass.	89,336	16	2	-----	-----	-----	6	-----	-----	-----	4	1	-----	-----
Manchester, N. H.	70,063	31	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----
New Bedford, Mass.	96,652	35	5	1	3	-----	2	-----	-----	10	2	17	1	-----
Oklahoma City, Okla.	64,205	11	2	-----	-----	-----	1	-----	-----	-----	1	10	1	-----
Passaic, N. J.	54,773	18	2	-----	-----	-----	-----	-----	-----	2	2	1	-----	-----
Reading, Pa.	96,071	21	5	1	-----	-----	4	-----	-----	1	-----	7	-----	-----
San Antonio, Tex.	56,614	26	-----	-----	-----	-----	1	-----	-----	-----	4	1	-----	-----
Schenectady, N. Y.	72,826	14	1	-----	-----	-----	1	-----	-----	4	1	2	-----	-----
Springfield, Ill.	51,678	18	2	-----	-----	-----	-----	-----	-----	-----	4	2	-----	-----
Springfield, Mass.	88,926	18	3	-----	6	-----	3	1	-----	1	-----	3	2	-----
Terre Haute, Ind.	58,157	17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
Trenton, N. J.	96,815	39	2	-----	-----	-----	6	-----	-----	5	5	5	1	-----
Wilkes-Barre, Pa.	67,105	30	6	-----	-----	-----	1	-----	-----	4	-----	-----	-----	-----
Wilmington, Del.	87,411	27	-----	1	-----	-----	-----	-----	-----	-----	3	-----	-----	1
Yonkers, N. Y.	79,803	19	2	-----	3	-----	6	-----	-----	-----	1	1	-----	-----

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Sept. 23, 1911—Continued.

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 from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J.	46,150	14												1
Auburn, N. Y.	34,668	16	1											
Aurora, Ill.	29,807	10										2		
Berkeley, Cal.	40,434	3												
Binghamton, N. Y.	43,443	22	1				1				3	4		
Brookline, Mass.	27,792	7					1				1			
Butte, Mont.	39,165	18					3	1				2		
Chelsea, Mass.	32,452	10	1		2		2				4		1	
Chicopee, Mass.	25,401	2	1									1	1	
Danville, Ill.	27,871	9										1		
Dubuque, Iowa.	38,494	6	9											
East Orange, N. J.	34,371	6	1				4				4			
Elmira, N. Y.	37,176	13	5		1						5			
El Paso, Tex.	39,279	24	2				2		1	1		2	3	
Everett, Mass.	33,484	5										1	2	
Haverhill, Mass.	44,115		1				1						6	
Kalamazoo, Mich.	39,437	18									2	1	2	
Knoxville, Tenn.	36,346	4										1		
La Crosse, Wis.	30,417	10	1											
Lancaster, Pa.	47,227						1				1		4	
Lexington, Ky.	35,099	9									2		1	1
Lima, Ohio.	30,508	8	1									2		
Lynchburg, Va.	29,494	7	3				10						5	
Malden, Mass.	44,404	8									1	1		
Montgomery, Ala.	38,136											3		
Mount Vernon, N. Y.	30,919		3											
Newcastle, Pa.	36,280		26				4				1		1	
Newport, Ky.	30,309	6	6				2				1	1		
Newton, Mass.	39,806	10									1		1	
Niagara Falls, N. Y.	30,445	14	5	1	1		2						1	
Norristown, Pa.	27,875	15					1	1					6	
Orange, N. J.	29,630	8	3									1	1	
Pasadena, Cal.	30,291	5	1				1				6	1		
Pittsfield, Mass.	32,121	8	2	1								3	1	
Portsmouth, Va.	33,190	7												
Roanoke, Va.	34,874	9	4				2	1			1	1	13	
Rockford, Ill.	45,401	4	2						6		1		7	1
San Diego, Cal.	39,578	25					1				5	4	1	1
South Omaha, Nebr.	26,259	7	1											
Superior, Wis.	40,384	8	9	1			1							
Taunton, Mass.	34,259	18	2				1		1			2	1	
Waltham, Mass.	27,834	9			1								1	
West Hoboken, N. J.	35,403	7	1	1			2							
Wheeling, W. Va.	41,641	16	3									1		
Williamsport, Pa.	31,860	4											4	
Wilmington, N. C.	25,748	11										2		
York, Pa.	44,750		2		2								6	1
Zanesville, Ohio.	28,026	9	5				1				1		3	
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.	14,817	11												1
Beaver Falls, Pa.			1										1	
Bennington, Vt.		3	3				3							
Braddock, Pa.	19,957	4	4								1		1	
Butler, Pa.	20,728	6	2				3						4	
Cambridge, Ohio.	11,327	1											4	
Camden, S. C.		4											1	1
Carbondale, Pa.	17,040	7												
Clinton, Mass.	13,075	2												
Coffeyville, Kans.			2								1		4	
Columbus, Ga.	20,554	10												
Columbus, Ind.		1					1						1	
Concord, N. H.	21,497	9	2										1	
Cumberland, Md.	21,839	6	2				2						22	
Dunkirk, N. Y.		7	1		1						1			
Galesburg, Ill.	20,089	5	2				1							

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Sept. 23, 1911—Continued.

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 less than 25,000 inhabitants—Con.														
Greensboro, N. C.....	15,859	7	1				3					1		5
Harrison, N. J.....	14,498	8	1									1		
Homestead, Pa.....	18,713	7	12	2						1				
Hyde Park, Mass.....	15,507	3												
Kearny, N. J.....	18,659	1	3	1			1							
La Fayette, Ind.....	12,081	3												
Lebanon, Pa.....	19,240	1	1										1	2
Marinette, Wis.....	14,610	1	1										1	1
Marlboro, Mass.....	14,579	8	4											2
Massillon, Ohio.....	13,879	3	1											
Medford, Mass.....	23,150	6	2				1				1			
Melrose, Mass.....	15,715	2												
Moline, Ill.....	24,199	5									1			4
Montclair, N. J.....	21,150	6									1	2		1
Morristown, N. J.....	12,507	3				1	1						2	
Nanticoke, Pa.....	18,877	6				1							1	
Newburyport, Mass.....	19,940	2												
North Adams, Mass.....	22,019	3	1								2			
Northampton, Mass.....	19,431	8									1	2		
Palmer, Mass.....		2												
Palo Alto, Cal.....						1								
Peekskill, N. Y.....		2												
Plainfield, N. J.....	20,550	8												1
Portsmouth, N. H.....							1							
Pottstown, Pa.....		5												1
Rutland, Vt.....		3	2								1	1	1	
Saratoga Springs, N. Y.....		4									2	2		
South Bethlehem, Pa.....	19,973	7	1								1	2	29	
Steelton, Pa.....	14,246	4	7	1							2			
Warren, Pa.....	11,080	1	1	1										
Wilksburg, Pa.....	18,924	3					1				2		1	
Woburn, Mass.....	15,308	3										1	4	

FOREIGN AND INSULAR.

BRAZIL.

Rio de Janeiro—Plague.

A telegram received October 9 from the American Consul General at Rio de Janeiro reported the presence of one case of plague at that place.

CHINA.

Hongkong—Rats Examined.

Surg. Brown reports August 28, 1911, that during the week ended August 26, 1,718 rats were caught in Hongkong and that none was found plague infected.

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, April 20, 1911.

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, September 11:

Honolulu—Plague-Prevention Work.

Week ended September 16, 1911.

Total rats and mongoose taken.....	579
Rats trapped	500
Mongooses trapped.....	7
Rats shot from trees.....	72
Examined bacteriologically ¹	501
Classification of rats trapped:	
<i>Mus alexandrinus</i>	44
<i>Mus musculus</i>	185
<i>Mus norvegicus</i>	38
<i>Mus rattus</i>	233
Classification of rats shot from trees:	
<i>Mus alexandrinus</i>	19
<i>Mus rattus</i>	53
Average number of traps set daily.....	1, 720

¹ All negative as to plague.

ITALY.**Naples and Palermo—Inspection of Vessels Clearing for the United States.***Vessels inspected week ended Sept. 16, 1911.***NAPLES.**

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage disinfected.
Sept. 12	Canopic.....	Boston.....	398	696
13	Venezia.....	New York.....	316	756
13	Duca degli Abruzzi.....	do.....	333	635
14	San Giovanni.....	do.....	100	243
15	König Albert.....	do.....	309	540
	Total.....		1,456	2,870

PALERMO.

Sept. 15	San Giovanni.....	New York....	107	175
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MEXICO.**Typhus Fever in State of Chiapas.**

During September a severe outbreak of typhus fever was reported at Salto de Agua, a small town in the State of Chiapas.

Merida—Yellow Fever.

The Superior Board of Health of Mexico reports that during the 2 weeks ended September 30, 10 confirmed cases of yellow fever with 2 deaths were recorded in Merida; that the total number of cases from August 1 to September 30 was 30 with 11 deaths, and that active measures are being continued to prevent the spread of the disease.

RUSSIA.**Status of Cholera.**

According to the official reports of the Russian foreign office there were reported in Russia during the period August 27 to September 2, 1911, 183 cases of cholera with 80 deaths, distributed as shown in the table on page 1590.

The foreign office states further that the city of Astrakhan, the district of Astrakhan, and the city of Zarizine of the Government of Sartov have been declared infected.

SERVIA.**Status of Cholera.**

In conformity with the sanitary convention of Paris, the Servian minister of the interior has declared the town of Rachka to be infected with cholera, and states that rigorous measures for the prevention of the spread of the disease have been inaugurated.

A case of cholera occurred August 23 at Beotsi, arrondissement of Stondenitsa. The patient was transferred to the hospital at Rachka and all contacts were isolated.

The minister of the interior has decreed that the importation of fruits, and grapes in particular, coming from the Ottoman Empire

shall be prohibited, and that the transit of grapes through Servia destined for other countries shall be authorized only in sealed cars.

TURKEY.

Smyrna—Status of Cholera.

The American vice consul general at Smyrna reports that during the week ended September 10, there were recorded at Smyrna 156 cases of cholera with 64 deaths.

VENEZUELA.

Caracas and Baruta—Plague, Yellow Fever.

Consul Manning at La Guaira reports that during the two weeks ended September 9, 2 cases of plague and 3 of yellow fever were recorded at Caracas and 1 case of plague at Baruta.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended Oct. 13, 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.
Austria-Hungary:				
Arbe.....	Sept. 4-10.....	1		
Budapest.....	Sept. 6-9.....	2		
Campodistria.....	Sept. 4-10.....	2	1	
Czap.....	Aug. 24-Sept. 9.....	1		
Suly.....	Sept. 3-9.....	2		
Vienna.....	Sept. 4-10.....	3	1	
Italy.....				Total Sept. 10-16: Cases 959, deaths 328.
Japan:				
Nishomayo.....	Aug. 28-Sept. 3....	2		
Osaka.....	do.....			Present.
Java:				
Batavia.....	Aug. 20-26.....	9	5	
Roumania:				
Braila.....	Sept. 11.....	6	4	Sept. 13: 3 cases and 2 deaths in a village in vicinity.
Russia.....				Total Aug. 27-Sept. 2: Cases 183, deaths 80.
Governments—				
Astrakhan.....	Aug. 27-Sept. 2....	112	43	
Nijni Novgorod.....	do.....	1		
Novorossisk, city.....	do.....	2	2	
Rostov on Don, city.....	do.....	10	3	
Samara.....	do.....	2		
Saratov.....	do.....	47	21	
Simbirsk.....	do.....	9	10	
Tambov.....	do.....		1	
Straits Settlements:				
Singapore.....	Aug. 13-19.....	2	4	
Turkey in Asia:				
Harpur.....	Aug. 27-Sept. 9....	12	10	

YELLOW FEVER.

Brazil:				
Manaos.....	Aug. 27-Sept. 9.....		4	
Pernambuco.....	Aug. 1-15.....		2	
Mexico:				
Merida.....	Sept. 17-30.....	10	2	
Venezuela:				
Caracas.....	Aug. 27-Sept. 9....	3		

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

Reports Received During Week Ended Oct. 13, 1911.

PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Pernambuco.....	Aug. 1-15.....	.....	1	
Rio de Janeiro.....	Aug. 27-Sept. 9.....	4	1	Oct. 9, 1 case.
China:				
Hongkong.....	Jan. 1-Aug. 15.....	259	240	Including 38 cases and 22 deaths, on p. 1045, vol. 1.
Egypt:				
Alexandria.....	Aug. 13-Sept. 12.....	3	.....
Port Said.....	Aug. 20-Sept. 3.....	4	2	
Province—				
Behera.....	Jan. 19-Sept. 14.....	3	.....
Java:				
Madicoen.....	Aug. 20-26.....	1	.....	Fifty miles from plague district Imported.
Paserocean Residency.....	.....do.....	30	11	
Venezuela:				
Baruta.....	Sept. 3-9.....	1	.....
Caracas.....	Aug. 27-Sept. 9.....	2	.....

SMALLPOX.

Algeria:				
Algiers.....	Aug. 1-31.....	.....	2	
Brazil:				
Para.....	Sept. 9-16.....	2	.....
Pernambuco.....	Aug. 1-15.....	.....	157	
Rio de Janeiro.....	Aug. 27-Sept. 9.....	5	.....
Canada:				
Halifax.....	Sept. 17-30.....	3	.....
Montreal.....	Sept. 26-30.....	5	.....
Quebec.....	Sept. 24-30.....	5	.....
Vancouver.....	Sept. 17-23.....	2	.....
Yukon district.....	Sept. 17.....	66	1	On the Porcupine.
Ceylon:				
Colombo.....	Aug. 13-19.....	3	.....
Chile:				
Talcahuano.....	Aug. 13-Sept. 9.....	53	12	
Valparaiso.....	Aug. 27-Sept. 2.....	75	.....	Deaths not reported.
China:				
Hongkong.....	Aug. 20-26.....	2	1	
Italy:				
Naples.....	Sept. 10-16.....	6	.....
Palermo.....	Sept. 9-16.....	49	44	
Java:				
Batavia.....	Aug. 20-26.....	2	.....
Mexico:				
Aguaascalientes.....	Sept. 18-24.....	.....	2	
Chihuahua.....	Sept. 4-10.....	1	3	
Juarez.....	Sept. 10-30.....	14	3	
Mexico.....	Sept. 13-30.....	10	.....
Porfirio.....	Sept. 19-23.....	1	.....
San Luis Potosi.....	Aug. 27-Sept. 2.....	1	.....
Portugal:				
Lisbon.....	Aug. 27-Sept. 16.....	7	.....
Russia:				
Moscow.....	Aug. 27-Sept. 9.....	8	12	
Odessa.....	Sept. 4-10.....	1	.....
St. Petersburg.....	Aug. 27-Sept. 2.....	1	.....
Straits Settlements:				
Singapore.....	Aug. 13-19.....	5	.....
Turkey in Asia:				
Belrut.....	Sept. 3-9.....	15	5	

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

Reports Received from July 1 to Oct. 6, 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.
Arabia:				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population. Aug. 5, present among troops.
Austria-Hungary.....				Total Austria-Hungary, May 24-Sept. 10, 76 cases, 28 deaths.
Arbe Salle Samplero.....	Aug. 21-Sept. 3....	5	2	District of Zara.
Budapest.....	Aug. 24-Sept. 3....	5	3	
Campodistria.....	July 23-Aug. 13....	7	4	
Cattaro.....	July 6-20.....	4	1	
Chittanuova.....	Aug. 21-27.....	1	1	
Flume.....	Aug. 9-17.....	3		
Krizovljan.....	Aug. 28-Sept. 3....	2		
Muggia.....	Aug. 7-13.....	2	1	
Suly.....	Sept. 2.....	1	1	
Susac-Draga.....	Aug. 28-Sept. 3....	1		
Trieste.....	June 4-Aug. 26....	42	16	July 8, the second case from s. s. Oceania. Case July 21, from s. s. Bandiera Moro.
Ujpest.....	Aug. 24-Sept. 2....	4	3	
Vienna.....	Aug. 14-20.....	1	1	
Waltendorf.....	May 31.....	1		Second case. Near Gratz.
Bulgaria:				
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.
Ceylon:				
Colombo.....	May 21-July 29....	16	11	
China:				
Amoy.....	May 28-July 1.....		4	Aug. 5, present.
Hankow.....	July 22.....			Present.
Hoihow.....	June 2.....			Do.
Manchuria—				
Dalny.....	Aug. 19-Sept. 2....	35	19	Sept. 5, present.
Kinchow.....	Aug. 15-Sept. 2....	10		
Nanking.....	July 22-Aug. 19....			Present.
Swatow.....	July 22-Aug. 26....			Do.
Dutch East Indies:				
Java—				
Batavia.....	May 14-Aug. 19....	404	193	June 15-28: Present in Borneo at Pamank and Singkawang; Sumatra at Telopakedai, and in Lombok at Geroeng.
Beloe.....	June 15-28.....			Present.
Surabaya.....	Apr. 10-May 6.....	44	22	
France:				
Marseille.....	June 26-Aug. 31....		76	Mainly in the asylum. To Aug. 23: Cases, 95; deaths, 35.
Greece:				
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.
India:				
Bassein.....	May 7-July 8.....	2	2	
Bombay.....	June 25-July 1....	3	3	
Calcutta.....	May 7-Aug. 19....		435	
Madras.....	June 4-Sept. 2.....	16	10	May 1-July 31: Cases, 17,550; deaths, 9,514.
Moulmine.....	May 7-June 17....	4	4	
Negapatam.....	June 11-July 15....		35	
Rangoon.....	May 1-June 30....	31	26	
Indo-China:				
Saigon.....	May 15-Aug. 20....	70	43	
Italy				Total for Italy, June 8-Sept. 16: Cases, 13,367; deaths, 5,001.
Provinces—				
Alessandria.....	Aug. 1-26.....	97	23	
Aquila.....	.....do.....	47	14	
Avellino.....	July 12-Aug. 26....	161	56	
Benevento.....	July 22-Aug. 26....	56	13	
Caltanissetta.....	July 17-Aug. 26....	152	27	
Campobasso.....	.....do.....	418	116	
Caserta.....	June 18-Aug. 26....	1,372	557	

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

Reports Received from July 1 to Oct. 6, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Italy—Continued.				
Provinces—Continued.				
Catania.....	July 22-Aug. 26.....	455	199	
Catanzaro.....	July 26-Aug. 26.....	108	48	
Chieti.....	Aug. 1-26.....	42	19	
Cosenza.....	Aug. 20-26.....	14	3	
Foggia.....	do.....	4	3	
Genoa.....	July 21-Aug. 26.....	265	85	
Genoa, city.....	July 13-Aug. 26.....	223	117	
Girgenti.....	July 22-Aug. 26.....	34	10	
Leghorn.....	July 13-Sept. 2.....	634	319	
Lucca.....	Aug. 1-5.....	2	2	
Massa.....	Aug. 13-26.....	14	13	
Messina.....	July 17-Aug. 26.....	65	17	
Milan.....	Aug. 27-Sept. 2.....	18	6	
Naples.....				The Province outside of Naples, June 10-Sept. 9: 1,303 cases; 550 deaths.
Naples, city.....	June 11-Sept. 9.....	910	263	
Salerno.....	June 17-Aug. 26.....	1,190	282	
Palermo.....	June 18-Sept. 9.....	399	187	
Palermo, city.....	June 15-Sept. 9.....	1,292	420	
Pesaro.....	Aug. 20-26.....	18	2	
Pisa.....	do.....	11	4	
Potenza.....	July 31-Aug. 26.....	40	12	
Reggio.....	Aug. 6-19.....	2	2	
Rome.....	June 27-Sept. 2.....	146	90	
Salerno.....	June 18-Aug. 26.....	1,190	282	
Siracusa.....	Aug. 6-26.....	21	2	
Trapani.....	July 17-Aug. 26.....	102	50	
Venezia.....	Aug. 6-26.....	82	27	
Japan:				
Kobe.....	Aug. 30.....	2	1	On s. s. Kasuga Maru.
Nagasaki.....	Sept. 11.....	1	1	
Osaka.....	Aug. 30.....	3	3	
Montenegro.....	Aug. 14-17.....	4	4	Among troops.
Cettinje.....	July 29.....	2	2	
Persia:				
Mohammerah.....	July 28-Aug. 12.....	94	76	Case July 28, from the cruiser Persepolis.
Philippine Islands.....				
Manila.....	July 23-29.....	1	1	First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths.
Provinces—				
Rizal.....	do.....	1	1	
Union.....	July 23-Aug. 5.....	4	3	
Roumania:				
Braila.....	Sept. 14.....	3	3	
Russia.....				
Astrakhan.....	July 12-Aug. 26.....	204	95	
Baku.....				
Baku, city.....	July 8-26.....	5	1	
Dagestan.....	Aug. 13-19.....	27	3	
Jaroslav.....	Aug. 20-26.....	8	3	
Khasan.....				
Kosmodemiansk.....	July 2.....	1	1	
Kherson.....	May 3-July 22.....	2	2	
Khuban.....	Aug. 13-26.....	1	1	
Moscow.....	Aug. 13-19.....	1	1	
Moscow.....	Aug. 20-26.....	1	1	
Novoryssik.....	July 28-Aug. 26.....	7	1	6 cases, July 28-Aug. 6, on British steamer Wakefield in Black Sea.
Odessa.....	Aug. 6-12.....	2	1	
Poltava.....	June 24.....	1	1	
Rostov on Don.....	Aug. 6-26.....	16	7	Aug. 6-12, 1 case from a Turkish ship from Trebizond.
Samara.....	June 29-Aug. 26.....	680	390	Including Nikolayevsk.
Saratov.....	July 18-Aug. 26.....	55	28	
Nikolayevsk.....	June 29-July 3.....	15	1	
Siberia—				
Omsk.....	June 20-26.....	2	2	
Stmbrsk.....	Aug. 6-26.....	60	31	

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

Reports Received from July 1 to Oct. 6, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Stavropol.....	July 23-Aug. 19...	7	1	
Tambov.....	June 26-Aug. 26...	17	7	
Vilna—				
Disna.....	June 13.....	1		On the Duna.
Vitebsk—				
Lepel district.....	June 19.....	1	1	
Tver and Kursk.....	Aug. 6-12.....	1		
Voronesh.....	Apr. 28-Aug. 12...	5	4	
Yekaterinislav.....	July 8-19.....	2	1	
Zarizyn.....	July 12-15.....	1	1	
Servia:				
Belgrade.....	Sept. 9.....			Present.
Rachka.....	Aug. 23-Sept. 8...	8	2	Case Aug. 23 from Beoca, Studenitz district.
Siam:				
Bangkok.....	Apr. 16-Aug. 5...	939	939	
Spain:				
Tarragona.....	Aug. 30.....			In vicinity.
Straits Settlements:				
Began Dotah.....	June 16-20.....	11		
Jenderata.....	July 1-8.....	20	13	
Penang.....	May 7-Aug. 12...	8	11	
Perak.....	May 16-June 21...			Present among Malays and Chinese.
Singapore.....	May 7-Aug. 12...	80	86	
Tunis:				
Tunis.....	Aug. 1-7.....		6	Sept. 26, present.
Turkey:				
Constantinople.....	May 21-Sept. 11...	1,800	982	And vicinity.
Medua.....	Aug. 24-Sept. 1...	5	1	
Soloniki.....	Aug. 11-Sept. 10...	110	50	Among troops.
Valona.....	Aug. 27-Sept. 7...	28	8	
Turkey in Asia:				
Alatsham.....	June 19.....	2		
Amara.....	June 21.....			Present.
Bagdad Vilayet.....	May 29-Sept. 9...	296	212	New outbreak.
Basra.....	July 17-Sept. 9...	222	154	Aug. 9, 1 case, s. s. Budrie.
Beirut.....	Aug. 21.....			Present among pilgrims.
Erzeroum, vilayet.....	Sept. 13.....			Present in Erzinghan and Kerasund.
Esra's Tomb.....	June 17.....	6		70 miles from Basra.
Foglieri.....	July 26.....	2	1	In the Gulf of Smyrna.
Harput.....	Aug. 20-26.....	15	12	
Kamaran.....	May 28-July 11...	8	5	Among troops.
Kavak.....	June 5-11.....	1		Aug. 8, present.
Mekka.....	Sept. 1-10.....	231	98	
Samsun.....	May 29-July 30...	225	204	And district.
Smyrna.....	Apr. 26-Sept. 10...	904	458	Including 24 cases and 14 deaths, p. 1911, vol. 2.
Zongouldak.....	July 1-Sept. 10...	58	37	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.

YELLOW FEVER.

Brazil:				
Ceara.....	July 1-31.....		1	
Manaos.....	June 4-Aug. 26...		10	Aug. 31-Oct. 2, 11 cases.
Para.....	June 21-Sept. 9...	5	1	
Pernambuco.....	June 15-July 31...		6	Sept. 4, present.
Bissagos Islands:				
Bulama.....	May 27.....			Present.
British Gold Coast:				
Accra.....	May 23-27.....	3		Among natives.
Ecuador:				
Babahoyo.....	July 16-Aug. 15...	2	2	
Calaroma.....	July 16-31.....	1	1	
Guayaquil.....	June 1-Aug. 31...	30	10	
Milagro.....	June 1-Aug. 15...	17	13	
Naranjito.....	July 1-15.....	2		
Yaguachi.....	June 16-July 15...	1	1	

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

Reports Received from July 1 to Oct. 6, 1911.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Gambia:				
Bathurst.....	May 23-27.....	5	2	Among Europeans.
Mexico:				
Merida.....				Total Aug. 1-Sept. 30: Cases, 30; deaths, 11.
Venezuela:				
Caracas.....	July 1-Aug. 26.....	19	1	Present.
La Pastora.....	Aug. 5.....			
Maquetia.....	July 22.....	2		
San Juan.....	Aug. 5.....	1		

PLAGUE.

Arabia:				
Maskat.....	May 21-June 15.....	4	2	
Brazil:				
Para.....	July 2-Sept. 9.....	5	4	Sept. 16, 2 cases.
Pernambuco.....	June 15-July 31.....		3	Sept. 4, present.
Rio de Janeiro.....	July 16-Aug. 26.....	9	2	Sept. 16, 2 cases.
British East Africa:				
Kismayu.....	Apr. 24-Aug. 5.....	52	42	
Nairobi.....	May 27-Aug. 5.....	34	19	
Port Florence.....	Apr. 26.....	1	1	
Chile:				
Arica.....	June 12-July 28.....	4	3	
Iquique.....	May 14-Aug. 26.....	23	13	
China:				
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 18-Aug. 12.....			Present, and in neighboring cantons.
Hongkong.....	May 14-Aug. 19.....	205	154	
Shanghai.....	Aug. 10-26.....	31	19	May 14-27, 3 cases.
Swatow.....	May 21-July 22.....			May 21-June 2, epidemic in Chao-chow-fu. Hweilai, Kit-yang, and in Chao-Yang Jan. 1-June 30, 6,000 deaths.
Ecuador:				
Guayaquil.....	June 1-Aug. 31.....	28	11	
Egypt:				
Alexandria.....	May 31-Aug. 12.....	39	18	
Cairo.....	Feb. 12-May 31.....	1	1	
Port Said.....	May 27-Aug. 19.....	31	13	On s. s. Yeddo, bound for Calcutta from New York, via Naples and Torreveja, Spain.
Provinces—				
Assiout.....	May 31-July 9.....	7	5	
Beni Souef.....	May 23-Aug. 10.....	4	1	
Dakahlieh.....	May 29-June 11.....	2	1	
Fayoum.....	May 28-June 17.....	8	5	
Galloubeh.....	June 1-Aug. 22.....	2	2	
Girgeh.....	Apr. 19-July 7.....	5	4	
Kena.....	May 30-June 12.....	5	5	
Minieh.....	June 1-July 27.....	29	11	
India:				
Babrein Island.....	May 15-July 16.....		1,720	In Persian Gulf.
Bombay.....	May 21-Sept. 2.....	588	517	
Calcutta.....	May 7-Aug. 12.....		599	
Kurrachee.....	May 28-Sept. 8.....	211	208	
Rangoon.....	May 1-July 31.....	9,843	7,108	
Bombay Presidency and Sind.....	May 7-Aug. 26.....	20,507	14,170	
Madras Presidency.....	do.....	2,467	1,777	
Bengal.....	do.....	2,622	2,360	
United Provinces.....	do.....	18,084	17,521	
Punjab.....	do.....	60,877	53,359	
Burma.....	do.....	1,731	1,607	
Eastern Bengal and Assam.....	Aug. 6-26.....	2	12	
Central Provinces.....	May 7-Aug. 26.....	603	351	
Mysore State.....	do.....	5,197	3,639	
Hyderabad State.....	do.....	431	347	
Central India.....	do.....	223	149	
Rajputana and Ajmere.....	do.....	1,690	1,452	
Merwara.....				
Kashmir.....	May 7-July 1.....	624	425	
North West Province.....	do.....	110	79	
Grand total.....		115,168	97,248	

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

Reports Received from July 1 to Oct. 6, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	May 15-Aug. 20...	317	96	
Japan:				
Formosa.....	May 21-July 1....	115	106	In Kagi Province from Jan. 1-June 15: Cases 355, including report, p. 1047, vol. 1.
Java:				
Kediri.....	Mar. 31-May 10....	42	3	
Madoen.....	June 1.....	1		
Paseroean Residency.....	May 14-Aug. 19....	559	220	
Surabaya.....	Apr. 30-May 18....	21	4	
Mauritius.....	Mar. 1-July 10....	10	6	
Morocco:				
Mazagan.....	July 13.....			Present among the Doukala, 5 hours distant.
New Zealand:				
Auckland.....	May 1-8.....	5		Total since Mar. 21: Cases 8, deaths 1.
Paraguay:				
Asuncion.....	Aug. 1-9.....		8	Present.
Persia:				
Buchir.....	May 14-June 25....	94	80	
Lingah.....	May 18-28.....	7		From Debai, on opposite Arabian coast.
Peru:				
Departments—				
Ancachs.....	Apr. 30-June 17....	9	2	
Arequipa.....	Apr. 23-June 17....	20	4	
Cajamarca.....	do.....			Aug. 10, present.
Callao.....	do.....	5	2	Sept. 24, 1 case.
Chiclayo.....	Apr. 30-July 22....	14	5	
Lambayeque.....	Apr. 23-June 3....	24	12	
Libertad.....	Apr. 23-July 22....	17	7	Aug. 21, present in Moche.
Lima.....	do.....	47	17	
Pacasmayo.....	Apr. 30-June 3....	3	2	
Philippine Islands.				
Mariveles quarantine station.	May 25-26.....	1	1	First quarter, 1911; Manila, no cases; Provinces, no cases. From s. s. Taisang from Amoy.
Russia:				
Odessa.....	June 18-Aug. 8....	8	2	
Astrakhan Government—				
Ujaly.....	July 3.....			Present.
Saraltschin.....	June 18-24.....	3	3	
Kirghis Steppe—				
Akbulak.....	July 13-Aug. 2....	5	2	Pneumonic.
Kjubekudik.....	July 15.....	5	4	Do.
Narvma.....	June 24.....	4	4	
Siam:				
Bangkok.....	Apr. 16-Aug. 5....	72	72	
Straits Settlements:				
Singapore.....	May 21-Aug. 5....	5	5	
Turkey in Asia:				
Adalia.....	July 7-Aug. 30....	4		
Basra.....	May 21-31.....	4	2	
Beirut.....	Aug. 21.....			Present among pilgrims, and present in the Lebanon district.
Brusa.....	Aug. 2-15.....	2		
Venezuela:				
Caracas.....	May 29-Aug. 19....	8		
Santa Rosalia.....	Aug. 5.....	1		

SMALLPOX.

Algeria:				
Departments—				
Algiers.....	Mar. 1-May 31....	5		July 1-31, 5 deaths.
Constantine.....	do.....	74		
Arabia:				
Aden.....	Apr. 11-July 18....	205	7	And vicinity.
Argentina:				
Buenos Aires.....	Apr. 1-June 30....		89	
Rosario.....	do.....		125	
Austria-Hungary:				
Bohemia.....	May 28-June 17....	5		
Galicia.....	May 28-July 15....	3		

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

Reports Received from July 1 to Oct. 6, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
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-Aug. 26.....	19	1	
Sao Paulo.....	May 15-21.....	—	1	
Canada:				
British Columbia—				
Vancouver.....	July 9-Aug. 31.....	6	—	
Victoria.....	May 1-31.....	10	—	
Manitoba—				
Fort Alexander.....	July 8.....	19	—	Among Indians.
Lac de 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-Sept. 9.....	3	—	
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1	—	
Quebec—				
Montreal.....	July 9-29.....	2	—	
Quebec.....	June 18-Sept. 16.....	9	—	
Yukon—				
Dawson.....	June 4-July 1.....	15	—	
Ceylon:				
Colombo.....	May 21-Aug. 12.....	32	2	
Chile:				
Caldera.....	June 24.....	2	1	
Punta Arenas.....	June 1-July 31.....	3	1	
Talcahuano.....	June 27-Aug. 11.....	51	13	
Valparaiso.....	June 24-Aug. 26.....	193	—	
China:				
Chungking.....	May 28-Aug. 19.....	—	—	Present.
Hongkong.....	May 21-Aug. 12.....	24	18	
Nanking.....	May 28-Sept. 2.....	—	—	Do.
Shanghai.....	May 24-July 16.....	2	8	Deaths among natives.
Swatow.....	May 28-July 22.....	—	—	Present in the district.
Colombia:				
Cartagena.....	May 22-July 9.....	—	—	Present.
Egypt:				
Alexandria.....	Apr. 1-July 31.....	64	32	
Cairo.....	May 22-Aug. 19.....	11	4	
Port Said.....	May 29-Aug. 19.....	14	13	
France:				
Havre.....	July 16-22.....	1	1	
Marseille.....	Aug. 1-31.....	—	1	
Paris.....	June 18-Aug. 26.....	9	—	
Germany:				
Bremen.....	July 9-15.....	1	—	
Hamburg.....	Aug. 6-19.....	—	—	
Gibraltar.....	June 4-Sept. 10.....	2	—	Total for Germany, June 4-Sept. 9: Cases, 24.
Great Britain:				
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	
India:				
Bombay.....	May 21-Sept. 2.....	106	87	
Calcutta.....	May 7-June 24.....	—	6	
Madras.....	May 21-Sept. 2.....	129	53	
Rangoon.....	May 1-July 31.....	333	161	
Indo-China:				
Saigon.....	May 15-Aug. 20.....	114	46	
Italy:				
Catania.....	July 19-Aug. 12.....	—	4	
Genoa.....	Aug. 1-15.....	2	—	
Naples.....	June 11-Sept. 2.....	68	10	
Palermo.....	June 4-Sept. 2.....	367	268	
Rome.....	Mar. 1-31.....	1	—	

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

Reports Received from July 1 to Oct. 6, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Yokohama.....	June 13-19.....	1		
Java:				
Batavia.....	July 2-Aug. 19....	17	7	
Malta:				
Valetta.....	June 6-12.....	1		
Mexico:				
Aguascalientes.....	Aug. 28-Sept. 3....		1	
Cananea, mines.....	Sept. 12.....	20		
Chihuahua.....	June 28-Aug. 20....	21	7	
Frontera.....	June 19-24.....	1		
Guadalajara.....	June 18-Aug. 19....		3	
Juarez.....	July 9-Sept. 9.....	9	3	
Mazatlan.....	Aug. 6-Sept. 9.....	13	4	
Mexico.....	May 21-Sept. 2....		155	July 23-Sept. 2, 55 cases.
Porfirio Diaz.....	July 23-Sept. 9....	7	7	
San Juan Bautista.....	June 17-July 15....			Present and in vicinity. Aug. 26 increasing.
San Luis Potosi.....	June 4-Aug. 19....	14	15	
Tampico.....	June 11-Aug. 30....		7	
Peru:				
Salaverry.....	Aug. 1-7.....			Present.
Philippine Islands.....				First quarter, 1911, Manila: Cases 93, deaths 0.
Portugal:				
Lisbon.....	June 4-Sept. 2....	81		May 7-20, deaths 3.
Porto Rico:				
Ponce.....	Apr. 1-30.....		1	
Portuguese East Africa:				
Lourenco Marquez.....	do.....		1	
Russia:				
Batoum.....	May 1-June 30....	3		
Libau.....	June 5-Sept. 10....	13	1	July 16, 1 death.
Moscow.....	May 28-Aug. 26....	150	71	
Odessa.....	May 27-Aug. 19....	6		
Reval.....	May 1-31.....	5		
Riga.....	May 27-Aug. 12....	15		Apr. 1-May 31, deaths 11.
St. Petersburg.....	May 21-Aug. 26....	150	29	
Warsaw.....	Apr. 2-July 15....	64	35	
Wladaw.....	June 25-July 1....			Present.
Siam:				
Bangkok.....	Apr. 16-Aug. 5....	100	94	
Siberia:				
Omsk.....	May 29-July 14....	3		
Vladivostok.....	May 14-June 30....	12	5	
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	
Malaga.....	do.....		35	
Seville.....	June 1-Aug. 31....		5	
Valencia.....	June 4-Sept. 16....	55	10	
Straits Settlements:				
Penang.....	Apr. 30-Aug. 12....	4	2	
Singapore.....	May 7-Aug. 12....	131	37	
Switzerland:				
Ticino, canton.....	May 28-June 3....	1		
Turkey:				
Constantinople.....	June 4-Sept. 10....		10	
Turkey in Asia:				
Beirut.....	May 27-Sept. 2....	57	5	
Kharput.....	May 21-June 10....	34	3	
Uruguay:				
Montevideo.....	Apr. 1-June 30....	38	10	
Zanzibar:				
Zanzibar.....	May 15-Aug. 6....	22	13	
At sea.....	May 15.....	1		On s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sidney.

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.	Whooping cough.
Aberdeen.....	Sept. 16	163,084	43								1	2	1	
Agua Calientes.....	Sept. 9	40,000	33	2					1					
Do.....	Sept. 16		44	3					2					
Do.....	Sept. 24		53					2		1				
Aix-la-Chapelle.....	Sept. 2		88	2										
Do.....	Sept. 9	156,291	97	4					1		1		4	1
Athens.....	Aug. 19	250,010	56	13						2	2			
Antwerp.....	Sept. 9	327,668	98	6								1	1	2
Barcelona.....	Sept. 20	591,272	280	19						8				2
Barman.....	Sept. 2	169,400	40	5										2
Barranquilla.....	Sept. 16	40,000	24	1						1				
Batavia.....	Aug. 26	217,630	20			5								
Beirut.....	Sept. 9	80,000	25	2		1		5		10				
Belfast.....	Sept. 16	385,492	122	15							1			2
Berlin.....	Sept. 9	2,067,233	691	73						2	11	10	2	10
Birmingham.....	Sept. 16	526,030	14											
Bradford.....	do.....	288,723	82	3						3		1		
Bremen.....	Sept. 9	246,850	78	9						1	1	5		
Bristol.....	Sept. 23	357,509	115	11						1	2	3		
Bordeaux.....	Sept. 16	253,000	125	12						1				
Do.....	Sept. 23		88	12						1				
Brunswick.....	Sept. 9	143,534	44	9							3	32		
Budapest.....	Sept. 2	950,610								7	2	3	1	
Do.....	Sept. 9					5				3	4	1	1	
Brussels.....	Sept. 16	739,684	196	17						2		2		2
Cairo.....	Sept. 2	689,439	729						9	10	1	14	3	
Catania.....	Sept. 16	207,000	77	5		13						1	1	
Chemnitz.....	Sept. 9	296,930	146	4							2			
Do.....	Sept. 16		133	7								1	3	1
Chihuahua.....	Sept. 10	39,000	23					3						
Christiana.....	Sept. 16	245,000	65	11							3	5	1	1
Cologne.....	do.....	520,529	220	16									1	7
Colombo.....	Aug. 19	213,974	163	11						12				
Constantinople.....	Sept. 17	1,000,000	403	37						13		1		
Copenhagen.....	Sept. 9	462,000	147	11							1	2		6
Dresden.....	Sept. 2	549,700	174	16							2		1	2
Dublin.....	Sept. 9	403,732	219	34							1	2		4
Do.....	Sept. 16		189	26						2	1		1	3
Dundee.....	do.....	171,006	58	2										1
Edinburgh.....	do.....	320,829	85	10									1	1
Erfurt.....	Sept. 9	124,084	54	4						2		2		1
Frankfort-on-the-Main.....	do.....	414,800	120											1
Georgetown, Guiana.....	do.....	56,000	62	8						1				
Ghent.....	Sept. 16	165,965	81	2						1				
Glasgow.....	Sept. 22	784,655	263								1	8	2	6
Gothenburg.....	Sept. 9	168,000	38	3						1	1			
Greenock.....	Sept. 16	75,305	23											
Hamburg.....	do.....	931,035	285	27						1	3	16		3
Harput.....	Sept. 2	21,000	9	1		8								
Do.....	Sept. 9		2			2								
Havre.....	Sept. 16	136,159	67	8						2				
Juarez.....	Sept. 23	6,500	9											
Do.....	Sept. 30		6					1						
Kingston.....	Sept. 16	59,584									1			
Kobe.....	Sept. 3	404,851	187							2				2
Konigsberg.....	Sept. 9	246,500	91	8							1			3
Do.....	Sept. 16		106	14										3
Leeds.....	Sept. 23	445,568	146	8						1		3	1	5
Leipzig.....	Sept. 9	595,703	234	14					1		1			3
Do.....	Sept. 16		226	14								2	1	
Leith.....	do.....	80,674	14	1										
Liege.....	Sept. 9	174,768	53	5							1		1	
Liverpool.....	Sept. 16	747,627	343	23						1		2		2
London.....	do.....	7,269,752	1,990							10	1	15	2	23
Lubec.....	do.....	99,000	29	2							1			
Manaos.....	Sept. 2	52,000	43	3			1							
Do.....	Sept. 9		48	2			3							
Magdeburg.....	Sept. 2	278,993	192	3							1	2		
Do.....	Sept. 9	280,088	173	10								5		2
Manchester.....	Sept. 16	631,533	312	32						4	1		3	1

MORTALITY—Continued.

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.	Whooping cough.
Mannheim.....	Sept. 2	196,526	62	3										3
Do.....	Sept. 9		54	3							1			1
Monterey.....	Sept. 24	100,000	40	4						1				
Montreal.....	Sept. 30	450,000	165	21						3		1		
Moscow.....	Sept. 2	1,500,000	741	59				1	1	5	6	7	16	2
Do.....	Sept. 9		744	62			11	1	8	11	12	15	7	
Munich.....	do.	597,000	173	18								3	1	2
Nagoya.....	Aug. 19	414,988	142								4			
Newcastle-on-Tyne.....	Sept. 16	267,261	94	8								1		2
Nottingham.....	Sept. 9	1,000	98							1			2	
Odessa.....	Sept. 2	546,000	222	20						4	3	3	2	1
Do.....	Sept. 10		170	13						3	3	2		1
Palermo.....	Sept. 16	340,000	177	15			44	1	6	1				
Para.....	do.	185,000	57	8										
Paris.....	do.	2,846,986	825	183					11	2	5	7		2
Porfirio Diaz.....	Sept. 23	16,000	7											
Port Elizabeth.....	Sept. 2	30,692	9	4										1
Port Said.....	do.	52,811	31		1			1						
Prague.....	do.	223,747	78	16						1	1			
Do.....	Sept. 9		69	10						2				
Do.....	Sept. 16		78	26						1	2	1		
Quebec.....	Sept. 30	85,000	2											
Rio de Janeiro.....	Sept. 2	898,699	309	70						2				
Do.....	Sept. 9		282	60	1					3		1	2	
St. Petersburg.....	Sept. 2	1,907,708	751	83						17	11	9	25	11
Salina Cruz.....	July 29													
Do.....	Sept. 23	6,000								3				
Talcabuan.....	Sept. 9	28,000		2							2		1	2
Turin.....	Sept. 17	401,555	106	10						3			2	
Vienna.....	Sept. 2	2,047,968	605	75						1	1	6	4	1
Do.....	Sept. 9		607	95						1		2	5	
Yarmouth.....	Sept. 30	6,700	1								2			
Yokkaichi.....	Aug. 27	70,000	12	4								2		
Yokohama.....	Sept. 11	419,630								3				

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.