

Indiana State Board of Health

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The MONTHLY BULLETIN will be sent to all health officers and deputies in the State. Health officers and deputies should carefully read and file each copy for future reference. This is very important, for we expect to print instructions, rules and general information, which it will be necessary for officers to preserve.

ABSTRACT OF MORTALITY STATISTICS FOR APRIL, 1908.

Total number of deaths, 2,954; annual rate, 13.2 per 1,000. In the corresponding month last year, 3,273 deaths; rate, 16.6. In the preceding month, 3,201 deaths; rate, 13.8. Deaths by important ages were. Under 1 year of age, 405, or 14.4 per cent. of the total; 1-5 years, 165; 5-10, 61; 10-15, 51; 15-20, 104; 65 and over, 875, or 31.2 per cent. of the total. Some important causes of death were: Tuberculosis, all forms, 411 (of this number 346 were of the pulmonary form); typhoid fever, 35; diphtheria, 11; scarlet fever, 14; measles, 44; whooping cough, 27; pneumonia, 332; diarrheal diseases, 35; cerebro-spinal meningitis, 18; influenza, 81; puerperal fever, 14; cancer, 150; violence, 154; smallpox, 2.

SANITARY SECTIONS: THE NORTHERN SANITARY SECTION, population 937,919, reports 988 deaths; rate, 12.8. In the corresponding month last year, 1,146 deaths (population, 899,960); rate, 15.

THE CENTRAL SANITARY SECTION, population 1,042,828, reports 1,333 deaths; rate, 14.4. In the corresponding month last year, 1,479 deaths (population, 1,122,950); rate, 15.2.

THE SOUTHERN SANITARY SECTION, population 733,997, reports 733 deaths; rate, 12.1. In the corresponding month last year, 707 deaths (population 675,649); rate, 12.7.

REVIEW OF SECTIONS: We again call attention to the fact that population figures have been changed from last year. This is because, for many reasons, we think the present figures are nearer the truth than those heretofore used. The Central Sanitary Section has a death rate 1.2 higher than the average for the whole state.

CITIES: Total population, 1,020,494, report 1,383 deaths; rate, 16.5. In the corresponding month last year, 1,519 deaths (population, 1,032,376); rate, 17.3. The city death rate was 3.3 higher than the rate for the whole state and 5.2 higher than the country rate. The cities show a higher death rate than the average for the whole state for the following diseases: Consumption, diphtheria, scarlet fever, whooping cough, pneumonia, diarrheal diseases, cancer, violence. The

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BIRTHS FOR MARCH.

Total births reported in March, 1908.....	4,915
Males	2,607
Females	2,308
White—Males, 2,553; females, 2,255.	
Colored—Males, 54; females, 45.	

rates in the following diseases were lower in the cities than in the country: Typhoid fever, measles, influenza and puerperal fever. The death rates of cities having over 25,000 population were: Indianapolis, 16; Evansville, 13.7; Fort Wayne, 17.7; Terre Haute, 19.3.

SUMMARY OF MORBIDITY AND MORTALITY FOR APRIL, 1908.

The reports for April show a greater number of deaths and a higher death rate than in the corresponding month last year. There were 2,954 deaths, rate 13.2, in April, 1908; and in April, 1907, 2,813 deaths; rate, 12.7. As predicted last month, there is a marked decrease in sickness and death from respiratory diseases. As soon as winter ends and the people commence to live more out of doors then coughs, colds, pneumonia, influenza and all respiratory diseases markedly decrease. Pneumonia deaths in March numbered 463 and in April 332, a decrease of 131 or almost 30 per cent. Influenza deaths fell from 156 in March to 81 in April, a decrease of 48 per cent. It is apparent from these facts, that living too much indoors is a dangerous and expensive thing to do. The most prevalent disease in April was rheumatism. In the corresponding month last year, tonsillitis was the most prevalent. The order of disease prevalence for April was as follows: Rheumatism, bronchitis, tonsillitis, measles, influenza, pneumonia, smallpox, typhoid fever, pleuritis, scarlet fever, intermittent and remittent fever, whooping cough, diarrhoea, diphtheria and membranous croup, erysipelas, inflammation of bowels, chickenpox, puerperal fever, typhomalaria fever, cholera morbus, dysentery, cerebrospinal meningitis, cholera infantum.

SMALLPOX: Three hundred and twenty-four cases with two deaths in thirty-five counties. In the corresponding month last year ninety-one cases in twenty counties, with one death. The following counties reported the disease present: Allen, 2 cases; Bartholomew, 1; Boone, 1; Clark, 12; Dearborn, 3; Dekalb, 2; Delaware, 19; Elkhart, 2; Fulton, 19; Grant, 13; Hendricks, 1; Howard, 15; Huntington, 38; Jackson, 3; Johnson, 9; Knox, 21; Laporte, 2; Lawrence, 12; Madison, 5; Marion, 46 and one death; Marshall, 1 case; Miami, 16; Morgan, 2; Noble, 9; Orange, 1; Owen, 4; Shelby, 35 and one death; St. Joseph, 1 case; Sullivan, 9; Tippecanoe, 3; Tipton, 1; Wabash, 14; Warrick, 1; Wayne, 15; Wells, 1.

We have repeatedly predicted this miserable disease would continue to prevail so long as it could find any soil to grow upon. Mild smallpox is not dangerous, but we have to record every month one or more deaths, and we know almost every case and

death could be prevented if the people would vaccinate.

TUBERCULOSIS: Total number of deaths in the month from all forms of tuberculosis, 411. Of this number 346 were of the pulmonary form. In the corresponding month last year 424 deaths, of which 363 were pulmonary. The male deaths numbered 191 and female 220. Of the males 39 were in the age period of 18 to 40 and left 78 orphans under 12 years of age. Of the females 67 were in the same age period as above and left 134 orphans under 12 years of age. The total number of orphans made by consumption in one month, 212; the total number of homes invaded, 336. Two of the tuberculosis deaths were of women over 90 years of age and 5 (3 men and 2 women) were in the age period of 80 to 90.

PNEUMONIA: This disease was fifth in prevalence in the preceding month and sixth this month. No special epidemic was reported. The total number of pneumonia deaths was 332, against 284 in the corresponding month last year. The male pneumonia deaths numbered 180 and the female, 153. By certain age periods, pneumonia deaths were: Under one year, 180; 1-10, 60; 10-20, 11; 20-40, 38; 40-60, 32; 60 and over, 84.

TYPHOID FEVER: One hundred ninety-eight cases, with 35 deaths, in 36 counties. In the corresponding month last year, 245 cases, with 45 deaths, in 40 counties. The disease existed unusually in the following counties: Clark, 8 cases, with one death; Laporte 26 cases, 2 deaths.

DIPHTHERIA: Eighty-two cases, with 10 deaths, in 23 counties. Of course all cases of diphtheria were not reported. Many doubtless were diagnosed as tonsillitis or like disease.

VIOLENCE: The deaths by violence numbered 154; in the corresponding month last year, 149. Of the deaths by violence, 111 were male, 43 females. Of the males, 84 lost their lives by accident, 4 by murder, 24 by suicide. Of the females, 2 were murders, 31 killed by accident and 10 were suicides. The total number of suicides, 33. The methods chosen for self-destruction were: Carbolic acid 9 (6 males and 3 females); gunshots, 9 (all males); drowning 2 (male 1, female 1); throwing themselves under railroad trains, 2 (male 1, female 1); arsenic and other poisons, 11 (male 6, female 5). The murders numbered 6 (4 males and 2 females). Of the accidental deaths, the steam railroads caused 22 deaths, street cars and interurbans, 5; automobiles, 1; crushing injuries by machinery and in other ways, 15; burns and scalds, 16; gunshots, 2; drowning, 10; falls, 10; strangulation, 2; asphyxiation and suffocation, 11; ptomaine poisoning, 2; morphine and other poisons, 3; horses and vehicles, 5 and other causes, 11.

REPORT OF THE DIVISION OF BACTERIOLOGY AND PATHOLOGY OF THE LABORATORY OF HYGIENE FOR THE MONTH OF APRIL, 1908.

BY HELENE KNABE, M. D., Acting Superintendent.

Total number of examinations, 482. With the exception of November, 1907, this month has brought more work than any month during the past half year.

Since no epidemics of either diphtheria or typhoid existed during the month, the record shows that the demand for aid from the Laboratory of Hygiene is rising steadily. Especially is this to be noticed in the number of examinations other than for tuberculosis, typhoid fever and diphtheria.

The great variety of specimens examined this month indicates that physicians find the laboratory helpful in doubtful cases. The following cases are of special interest:

PUS, from a lesion of actinomycesis in a cow, the ray fungus being easily demonstrable.

GONORRHEAL DISCHARGE.—Patient being twenty months of age, female, white. Infection caused by means of a dirty towel.

BRAINS OF TWO DOGS, dead of hydrophobia. Seven hogs were bitten by a rabid dog on March 22d. The dog was killed eighteen days after the injury. Two hogs were found sick and died the same day. The following day, April 11th, two more developed the disease, one dying within twenty-four hours, the other was killed and the brains of both were examined. Negri bodies existed in large numbers. Since then three more hogs succumbed to the same disease. The symptoms as manifested by these hogs were the same as seen in other animals inoculated with street-virus. They were very vicious in the first stage of the disease and later developed the characteristic paralysis.

Reviewing our records, we note that in the period of time from March 1, 1907, to April 30, 1908, i.e., within fourteen months, the number of dogs' heads in which rabies could be demonstrated was seventeen.

We are informed that three valuable horses, one mule, several dozen hogs and other live stock were lost as a result of hydrophobia at one place. Several persons were bitten, some of them severely.

Since the month of April ends the first half of the fiscal year 1908, a summary of work during this time, as contrasted with that of the corresponding six months of the fiscal year 1907, is appended.

November, 1906—Total Ex.	415	November, 1907—Total Ex.	765
December, 1906—Total Ex.	243	December, 1907—Total Ex.	490
January, 1907—Total Ex.	299	January, 1908—Total Ex.	483
February, 1907—Total Ex.	315	February, 1908—Total Ex.	379
March, 1907—Total Ex.	347	March, 1908—Total Ex.	467
April, 1907—Total Ex.	291	April, 1908—Total Ex.	482
Total	1910	Total	3036

SPECIMENS EXAMINED

Sputum (Tuberculosis)	Positive.. 77	Negative.. 215	Total.. 292
Widal Reaction (Typhoid)	Positive.. 17	Negative.. 34	Total.. 51
Diphtheria Cultures	Positive.. 34	Negative.. 12	Total.. 46
Malaria	Positive.. 1	Negative.. 6	Total.. 7
Gonorrhoeal Discharge (male)	Positive.. 9	Negative.. 3	Total.. 12
Gonorrhoeal Discharge (female)	Positive.. 10	Negative.. 4	Total.. 14
Tissue (Pathological)			19 Total.. 19
Urine, Diazo reaction	Positive.. 1	Negative.. 0	Total.. 1
Urine (Gonococci)	Positive.. 1	Negative.. 0	Total.. 1
Urine (Tuberculosis)	Positive.. 0	Negative.. 10	Total.. 10
Pus—Streptococci (abscess)	Positive.. 6	Negative.. 0	
Pus—Tuberculous gland	Positive.. 1	Negative.. 0	
Pus—Actinomycesis (cow)	Positive.. 1	Negative.. 0	
Feces (Tuberculous)	Positive.. 0	Negative.. 5	Total.. 5
Pleural Effusion (Tuberculous)	Positive.. 0	Negative.. 3	Total.. 3
Hydrophobia (Dogs)	Positive.. 2	Negative.. 1	
Hydrophobia (Hogs)	Positive.. 2	Negative.. 0	
Specimen from tubercular larynx	Positive.. 1	Negative.. 0	Total.. 1
Milk (Streptococci)	Positive.. 2	Negative.. 0	Total.. 2
Sediment from water cooler (Streptococci)	Positive.. 1	Negative.. 0	Total.. 1
Guinea pigs inoculated	Positive.. 4	Negative.. 0	Total.. 4
Total Examinations			482

OUTFITS SENT OUT.

Sputum	491
Typhoid	135
Diphtheria	140
Malaria	59
Total	815

REPORT OF THE DEPARTMENT OF FOOD AND DRUGS, INDIANA STATE BOARD OF HEALTH, TO MAY 1, 1908.

H. E. BARNARD, STATE FOOD AND DRUG COMMISSIONER.

After several months of work among the druggists it now appears that their stock is, in almost every instance, properly labeled as to the alcohol and inhibited drug content, and may be sold without further restriction. The local associations of druggists in all parts of the state have become greatly interested in the matter of proper labeling. We have discussed the pure drug law with the associations of Terra Haute, Fort Wayne, South Bend, Vincennes, Elkhart, Washington, Evansville, Indianapolis and other cities. Without exception the druggists have evinced a willingness to co-operate with the department, and while they have been put to much labor and to no little expense to secure new labels and to correct their stickers for their improperly labeled preparations, yet they now possess a better knowledge of their stock and the character of their goods than before the law went into effect, and are unanimous in expressing their satisfaction at the improved conditions. The wholesale and manufacturing druggists have responded promptly to the deluge of requests for formulas, and so far as we can determine, more than 80 per cent. of the unlabeled preparations were promptly put in shape by them.

As was to be expected, after everything had been done by the druggist that was possible, there still remained on his shelves certain goods whose composition he could not obtain. These goods for the most part were made by houses now bankrupt or out of business. In order that druggists should not be compelled to throw away a considerable portion of their capital or stock in trade we have endeavored to secure the formulas of these so-called orphans, and in a circular of information have recently sent to every druggist in the state the alcohol and inhibited drug content of 2,000 preparations.

The formulas given have been obtained from many sources. Some were furnished by proprietors, who had not replied to individual requests; others were obtained from former members of manufacturing firms; still more were collected from the literature of drug analyses, and in many cases it has been necessary to analyze the article at this laboratory. Because of their varied source the formulas given differ somewhat from those obtained by other analysts, but we believe that as a whole they express very closely the composition of the goods as they are found on the Indiana market.

After the preparations now not displayed for sale have been plainly marked on the face of the principal label with the inhibited drug content, as listed in the circular, they may again be put in stock.

It has not been possible to obtain satisfactory formulas for some very old preparations, that have had a limited sale in a local way. If there still remain on hand stocks of these goods of any value, upon receipt of an original package we will analyze the preparation, and furnish the formula required.

INSPECTORS' REPORT FOR THE MONTHS OF FEBRUARY, MARCH AND APRIL, 1908.

The report here made includes the work of the food and drug inspectors for the last three months. During this time 1,637 inspections have been made, 1,421 of which were first inspections, 182 second inspections and 34 third inspections. Of the total number of inspections made, 66 places were reported as in excellent condition, 865 in good condition, 560 were fair, 113 poor and 33 bad. Of the 135 dairies visited for the first time but two were in excellent condition, 18 were well kept, 70 were in fair condition and four were unqualifiedly bad and were condemned. In several places dairy herds were found to be infected with tuberculosis, and after the tuberculin test had revealed the infected cows, they were condemned and either isolated or killed. In a number of instances new floors were ordered to be placed in the stables and owners were instructed to provide more sanitary milk houses. Of

it is probable that the milk bought and sold under such conditions is not intentionally adulterated, yet the very conditions of the sale make it impossible for the small dealer to avoid violation of the law. The fat content of milk is so much lighter than the serum that it rises very quickly to the top of the can. The early customer therefore gets the richest milk, except in the unusual instance where the clerk thoroughly mixes the milk before dipping out the quantity sold. The last customer gets milk from which the cream has been robbed and so the law is unintentionally violated.

The only way that milk dealers can be sure that the milk they are selling is of standard quality is to refuse to handle milk except when delivered to them in glass bottles, properly capped and bearing the name of the producer. Four cases were brought against butcher shops because of the unsanitary conditions of their places of business, and two cases were brought against butchers who sold bad meat. The total amount of fines and costs levied during the month was \$756.85.

LIST OF PROSECUTIONS BROUGHT UNDER THE NEW FOOD AND DRUG LAW DURING THE MONTH OF APRIL, 1908.

COUNTY	Lab. No.	Name and Address of Defendant.	Illegal Sale of	Information Filed.	Date of Trial.	Disposition of Case.	
						By the Court.	Final.
Allen	11710	H. Duell, Ft. Wayne.	Milk.	4-23-08	4-23-08		\$10 and costs.
Cass		A. B. Maple, Logansport, Ind.	Milk.	4-24-08	4-24-08		\$10 and costs.
Cass		John Rothmel, Logansport, Ind.	Milk.	4-24-08	4-24-08		\$10 and costs.
Cass		J. W. Kistler, Logansport, Ind.	Dirty milk.	4-24-08	4-24-08		\$10 and costs.
Marion	11075	Louis H. Fehrenback, Indianapolis, Ind.	Milk.	4-7-08	4-7-08		\$10 and costs.
Marion	11115	John J. Horan, Indianapolis, Ind.	Milk.	4-10-08	4-10-08		\$10 and costs.
Marion	11116	John W. Kelly, Indianapolis, Ind.	Milk.	4-11-08	4-11-08		\$10 and costs.
Marion	11118	John G. Kistner, Indianapolis, Ind.	Milk.	4-7-08	4-7-08		\$10 and costs.
Marion	11125	Anna R. Ferguson, Indianapolis, Ind.	Milk.	4-11-08	4-11-08		\$10 and costs.
Marion	11131	Elhanon H. Johnson, Indianapolis, Ind.	Milk.	4-11-08	4-11-08		\$10 and costs.
Marion	11137	James P. Stultz, Indianapolis, Ind.	Milk.	4-9-08	4-9-08		\$10 and costs.
Marion	11140	M. C. Sbea & Co., Indianapolis, Ind.	Milk.	4-11-08	4-11-08		\$10 and costs.
Marion	11436	Henry Adreman, Indianapolis, Ind.	Milk.	4-11-08	4-11-08		\$10 and costs.
Marion	11438	Henry W. Walters, Indianapolis, Ind.	Milk.	4-9-08	4-9-08		\$10 and costs.
Marion	11441	Isadore Lotker, Indianapolis, Ind.	Milk.	4-8-08	4-8-08		\$10 and costs.
Marion	11444	Christian F. Volkening, Indianapolis, Ind.	Milk.	4-4-08	4-4-08		\$10 and costs.
Marion	11448	John H. Horan, Indianapolis, Ind.	Cream.	4-10-08	4-10-08		\$10 and costs.
Marion	11473	Elizabeth J. Hadley, Indianapolis, Ind.	Milk.	4-3-08	4-3-08		\$10 and costs.
Marion	11636	Ernest Dietz, Indianapolis, Ind.	Cream.	4-7-08	4-7-08		\$10 and costs.
Marion	11640	Chas. M. McClelland, Indianapolis, Ind.	Milk.	4-8-08	4-8-08		\$10 and costs.
Tippecanoe		Anna Duffey, Lafayette, Ind.	Unsanitary conditions—milk.	4-10-08	4-10-08		\$25 and costs.
Tippecanoe		John VanSeggeru, Lafayette, Ind.	Dirty milk.	4-9-08	4-9-08		\$10 and costs.
Tippecanoe		James Lucas, West Lafayette, Ind.	Unsanitary conditions of dairy.	4-10-08	4-10-08		\$25 and costs.
Vigo		John Yopp, Terre Haute, Ind.	Meat sold under unsanitary conditions.	4-16-08	4-16-08		\$25 and costs.
Vigo		Andrew Rowe, Terre Haute, Ind.	Dirty meat store.	4-16-08	4-16-08		\$25 and costs.
Vigo		Andrew Rowe, Terre Haute, Ind.	Rotten liver.	4-18-08	4-18-08		\$10 and costs.
Vigo		George Neitive, Terre Haute, Ind.	Dirty bakery.	4-15-08	4-15-08		\$25 and costs.
Vigo		James Georgopoulos, Terre Haute, Ind.	Confectionery exposed.	4-16-08	4-16-08		\$10 and costs.
Vigo		Silas W. Snodgrass, Terre Haute, Ind.	Dirty restaurant.	4-24-08	4-24-08		\$10 and costs.
Vigo		S. V. Murphy, Terre Haute, Ind.	Bad meat.	4-28-08	4-28-08		\$10 and costs.

the 332 groceries visited on the first inspection, 7 were classed as excellent and an equal number were classed as bad; 136 were in good shape and 159 fair. One hundred and ninety meat markets and slaughter houses were inspected; three were in excellent condition, 74 were classed as good, 91 fair, 20 poor and 2 bad. Owing to the fact that on March 1st the section of the drug law relating to labeling took effect, more drug stores than usual have been visited. Of the 507 drug stores visited for the first time, 20 were in excellent condition, 406 good, 74 fair, 7 poor and none bad. Such a report indicates that the drug stores are for the most part well managed. One hundred and twenty-four bakeries and candy shops were inspected. Of this number 7 were found to be excellent, 57 good, 48 fair, 8 poor, and 4 bad. One hundred and twenty-six hotels and restaurants were visited by the inspectors. But 5 of these places could be classed as excellent; 49 were good, 59 fair, 11 poor and 2 bad. Second and third inspections continue to show a decided improvement in sanitary condition. No places were classed as bad on the third inspections, and 22 of the 34 places visited were found to be in good shape. Upon the second inspection of 32 dairies visited, 15 were classed as good and 13 fair, while but one dairy was found to be poor and one in bad condition. It is evident that continued inspection of plants devoted to the manufacture of food products will materially improve their sanitary conditions.

During the month of April, 30 cases for the violation of the pure food and drug law were tried, and in every case a verdict of guilty was rendered, or a plea of guilty was entered by the defendant without trial. Twenty-three cases involved the sale of milk or cream that had been skimmed or watered or contained extraneous material in the form of dirt and manure. Most of these cases were filed in the city of Indianapolis and many involved the sale of milk by grocers and bakers who buy milk in bulk and sell it to the consumer by the pint or quart. While

SUMMARY OF INSPECTIONS DURING THE MONTHS OF FEBRUARY, MARCH AND APRIL, 1908.

Inspections.	Number inspected.	Number excellent.	Number good.	Number fair.	Number poor.	Number bad.
Dairies	135	2	18	70	31	14
Groceries	332	7	136	159	23	7
Meat markets and slaughter houses	190	3	74	91	20	2
Drug stores	507	20	406	74	7	0
Bakeries and candy shops	124	7	57	48	8	4
Hotels and restaurants	126	5	49	59	11	2
Ice cream factories	3	0	1	1	1	0
Fish markets	3	0	1	1	0	0
Packing plant	1	0	1	0	0	0
Creamery	1	0	0	1	0	0
Total number of First Inspections	1,421	44	743	504	101	29
Total number of Second Inspections	182	18	100	52	8	4
Total number of Third Inspections	34	4	22	4	4	0
Total number of Inspections made	1,637	66	865	560	113	33

ANDERSON, MADISON COUNTY—

Of 17 stores visited, 8 were found in good condition and 9 in fair condition. Of 12 meat markets inspected, 6 were good and 6 fair. One slaughter house was inspected and found to be in fair shape. Twelve drug stores were visited and all found to be in good shape. Of 8 bakeries and candy shops 6 were good and 2 fair. Nine hotels and restaurants were inspected, 3 being good, 5 fair and 1 poor, being in an unclean condition.

ARCADIA, HAMILTON COUNTY—

Two drug stores were inspected and found in good shape.

ATLANTA, HAMILTON COUNTY—

Two drug stores were visited and found in good condition.

ATTICA, FOUNTAIN COUNTY—

Two drug stores were inspected and found to be in good shape.

AURORA, DEARBORN COUNTY—

Four drug stores were visited and found to be in good condition.

BEDFORD, LAWRENCE COUNTY—

Five second inspections were made of drug stores and all were found to be in good shape.

BLOOMFIELD, GREENE COUNTY—

Four first inspections were made. One dairy was in good condition. Notice was given to put in drain and gravel the yard. One grocery, one meat market, one slaughter house, and one hotel and restaurant were inspected and all found to be in fair shape. Thirteen second inspections were made. Three groceries, one meat market, and one bakery and confectionery were visited and found in fair condition. Notice was given to keep things clean. Four drug stores were found in good shape. Of 4 hotels and restaurants inspected 3 were good and 1 poor. Notice was given to cover food-stuffs and keep things clean.

BLOOMINGTON, MONROE COUNTY—

Six drug stores were inspected and found in good shape.

BRAZIL, CLAY COUNTY—

Two dairies were visited and found in fair shape. Notice was given to whitewash and paint. The confectionery owned by Joseph Spugnardi was found in excellent condition.

CANNELTON, PERRY COUNTY—

One meat market, 1 slaughter house and 3 drug stores were found in good shape. Nine second inspections were made. Of 6 groceries visited, 1 was found good, 3 fair, and P. Clemens & Sons' grocery and Clark's department store were found in excellent condition. One meat market was found good and one restaurant in fair shape. The bakery and confectionery owned by H. Schlemmer was found in excellent condition.

CARLSLE, PERRY COUNTY—

Two dairies were inspected, one being found in poor shape. Notice was given to clean up manure. The dairy owned by James McConnell was in excellent condition. One grocery and one meat market were found in fair shape. Two drug stores and one bakery and confectionery were in good condition. Twenty-five pounds of meat were condemned.

CARMEL, HAMILTON COUNTY—

Of 3 groceries inspected, 1 was found good and 2 fair. Two meat markets, one drug store, one bakery and confectionery and one hotel and restaurant were visited and found in fair condition. One creamery was in good shape.

CHARLESTOWN, CLARK COUNTY—

Two drug stores were visited and found to be in good condition.

CICERO, HAMILTON COUNTY—

Two drug stores were inspected, one being good and one fair.

CLAY CITY, CLAY COUNTY—

One grocery was found in good condition. Notice was given to clean up backyard. Two drug stores were visited, one being in good condition and one fair. Notice was given to clean up back of stores. One hotel and restaurant was found in fair shape. Notice was given to clean back of premises at once.

CLOVERLAND, CLAY COUNTY—

Six dairies were visited and all found in fair shape. Notice was given to fix floors and ceiling and partition off the horses from the cows.

COALMONT, CLAY COUNTY—

One grocery was inspected and found in fair condition. Notice was given to cover dried fruits and clean backyard and floors. One drug store was found in fair shape. One hotel and restaurant was in poor shape. Notice was given to cover cheese and clean up.

COLUMBUS, BARTHOLOMEW COUNTY—

Two drug stores were inspected and found in good condition. Seven third inspections were made of drug stores; all were found in good condition.

CORYDON, HARRISON COUNTY—

Three drug stores and one bakery and confectionery were visited and found in good shape. Ten second inspections were made. Four groceries, 3 meat markets, 1 bakery and confectionery, 2 hotels and restaurants were visited and found in good shape.

CRAWFORDSVILLE, MONTGOMERY COUNTY—

Four drug stores were visited, 2 being in good condition, and the drug stores owned by Nye & Boor and Will Coleman were in excellent condition.

CROWN POINT, LAKE COUNTY—

Sixteen inspections were made. Of 7 groceries visited all were found in good shape. Of 3 meat markets inspected, 2 were found good and 1 fair. Two drug stores in good shape. Two bakeries and confectioneries were visited, one being in good shape and one fair. Two hotels and restaurants were found fair. Fifteen pounds of beef were condemned.

EDINBURG, JOHNSON COUNTY—

Two second inspections were made of drug stores; both were found to be in good condition.

ELLISTON, GREENE COUNTY—

One second inspection was made. The grocery was found in fair shape. Notice was given to keep the floor clean and prohibit spitting on the floor.

ELWOOD, MADISON COUNTY—

Eleven inspections were made. Of two groceries inspected one was found good and one fair. Of two meat markets one was good and one fair. Five drug stores were found good. Two bakeries and confectioneries were in fair shape. Goods were ordered put under cases.

ENGLISH, CRAWFORD COUNTY—

Three hotels and restaurants were inspected, two being in fair condition and one poor. The restaurant was condemned. Eight second inspections were made. Three groceries and one drug store were found in good condition.

EVANSVILLE, VANDERBURGH COUNTY—

Forty-three drug stores were inspected and found to be in good condition.

FLORA, CARROLL COUNTY—

One drug store was inspected and found to be in fair condition. The back shop, back room, and prescription counter were very unclean.

FORT BRANCH, GIBSON COUNTY—

Two drug stores were visited and found in good shape. Seven second inspections were made. Three groceries and one meat market were found to be in good condition. One bakery was visited and found in poor condition. Notice was given to keep pastry well covered. Of two restaurants visited one was found good and one fair.

FORTVILLE, HANCOCK COUNTY—

One creamery was inspected and found to be in good condition.

FORT WAYNE, ALLEN COUNTY—

Of 11 dairies inspected, 1 was found in very good condition, 9 fair and 1 bad. The sanitary conditions were very bad and the place was recommended condemned. Of 6 groceries visited 4 were found good and 2 fair. Of 5 meat markets inspected 4 were good and 1 fair. Four fish markets were visited and 2 were found in poor condition, 1 fair and 1 good. Three slaughter houses were inspected. One was in fair shape and 2 were in bad shape, being very unclean. Of 8 drug stores inspected, 6 were fair, and the stores owned by Diebald & Niebergall and Julia E. Emanuel were in excellent condition. Four bakeries and candy shops were visited, 2 being fair and 2 poor, being very unclean and untidy. The candy was also exposed. Of 10 hotels and restaurants visited 7 were in good condition and 3 fair. Eight pounds of fish, 5 pounds of meat, 6 pounds of beef and one five-pound chicken were condemned.

FRANKLIN, JOHNSON COUNTY—

Four third inspections were made of drug stores. All were found in good condition.

FRENCH LICK, ORANGE COUNTY—

Three drug stores were inspected and found in good shape.

GOSPORT, OWEN COUNTY—

Five groceries were visited and found in fair shape. Notice was given to clean floors and back yard. One meat market was fair. Two drug stores good. Two hotels and restaurants were visited, one being good and one fair. Notice was given to clean up at once. Seventeen bottles of pickles were condemned.

GREENCASTLE, PUTNAM COUNTY—

One restaurant was visited and found in good condition.

GREENTOWN, HOWARD COUNTY—

Twelve inspections were made. Of 6 groceries visited, 5 were found in good condition and one fair. One meat market was good. One drug store, one bakery and two restaurants were found in fair condition. Goods were ordered kept under cases. Five bottles of extract were destroyed.

HUNTINGTON, HUNTINGTON COUNTY—

Two drug stores were inspected and found in good condition. One third inspection was made. The drug store was in good shape.

INDEPENDENCE, WARREN COUNTY—

Of three groceries inspected two were found good and one bad, being very unclean. Notice was given to clean up and keep clean. One drug store was visited and found that a grocery, drug store and barber shop were all in one room and in a very filthy condition. Notice was given to clean up immediately. Two restaurants and hotels were inspected and found to be in fair shape. Notice was given to clean up back yard.

INDIANAPOLIS, MARION COUNTY—

Of 9 groceries inspected, 1 was found good, 5 fair, 2 poor and 1 bad, being unclean, poorly lighted and ventilated. One meat market was in fair condition, the general surroundings being unclean. One hundred and seventeen drug stores were visited. The one owned by T. W. Hollenback was in excellent condition. Seventy-four were found good, 41 fair and 1 poor. Two bakeries and one confectionery were visited; one was found good and two poor, being unclean.

JEFFERSONVILLE, CLARK COUNTY—

Nine drug stores were visited and found to be in good condition.

KOKOMO, HOWARD COUNTY—

Of 11 drug stores visited 10 were in good condition and 1 fair.

LAFAYETTE, TIPPECANOE COUNTY—

Of 7 dairies visited, 3 were in good condition, 2 fair, 1 poor and 1 bad. Notice was given to put in drain and clean up at once. Of 17 groceries visited 9 were good, 4 fair, and 2 poor, having unclean conditions. The groceries owned by Joseph E. Beck and Beck & Frash were in excellent condition. Eleven meat markets were visited. Nine were good, one fair and one poor, being unclean. Of 14 drug stores inspected, those owned by Schultz & Boswell, Albert Kienly, Wells, Yeoger & Best, Lafayette Pharmacal Co., and Mr. Schnable were found in excellent condition. Seven were found good and one fair. Of 12 bakeries and confectioneries inspected, W. J. Frowbough and Palma's Confectionery Co. were in excellent condition. Two were found in good condition, 4 fair, and 3 bad, being very unclean. Of 4 hotels and restaurants visited, 3 were good and 1 fair.

LAPORTE, LAPORTE COUNTY—

Of 10 groceries inspected, 6 were found in good shape and 2 fair. The groceries owned by K. W. Kerr and C. F. Miller & Son were in excellent condition. The meat markets owned by C. E. Miller & Son and Thrush & Barnum were found excellent. One was good and two fair. The drug store owned by L. P. Savage was in excellent condition. One was found good and one fair. Of four bakeries and confectioneries visited one was good and three fair. Of five hotels and restaurants inspected two were found good, two fair and one poor, being unclean.

LAWRENCEBURG, DEARBORN COUNTY—

Four drug stores were inspected and found to be in good condition.

LEBANON, BOONE COUNTY—

Twenty-nine first inspections were made. Of 7 groceries visited, 2 were found in good shape and 3 fair. Those owned by Creath & Silver and the Pure Food Grocery Co. were in excellent condition. Of 3 meat markets visited 2 were good and 1 fair. Of 8 drug stores visited, 2 were found good, 4 fair, and 1 poor, being unclean. The one owned by Grafton Allen was in excellent condition. Three bakeries and candy shops were in good shape. Eight hotels and restaurants were visited. Four were found in good shape, 2 fair and 1 poor, being unclean. Frank Dale's restaurant was found to be excellent. One second inspection was made. Creath & Silver's grocery was in excellent condition.

LINNSBURG, MONTGOMERY COUNTY—

One grocery was inspected and found to be in good condition. Two dozen bottles of extract were condemned.

LOGANSPORT, CASS COUNTY—

One dairy was inspected and found in fair condition. It was recommended that whitewashing be done, and a partition be put between the horse and cow stable, and that lattice doors be put up to keep chickens out of the cow stable. Of 7 groceries inspected 3 were good and four fair. Of 5 meat markets visited 3 were found good and 2 fair. One slaughter house was in bad condition, being very unclean. Of 11 drug stores inspected, 9 were found good and two fair. Twenty pounds of meat were condemned. Three third inspections were made of slaughter houses. One was in fair condition, one poor and one bad, being unclean.

MADE, MONTGOMERY COUNTY—

Two groceries were inspected. One was in fair condition and one bad. Notice was given to clean up at once.

MADISON, JEFFERSON COUNTY—

Six drug stores were inspected and found to be in good condition.

MARENGO, CRAWFORD COUNTY—

One drug store was inspected and found to be in fair condition.

MARTINSVILLE, MORGAN COUNTY—

Ten groceries were inspected. Two were in good condition, 5 fair, 2 poor and the grocery owned by C. F. Rose was in excellent condition. Four meat markets were inspected, 3 being fair and 1 poor. Notice was given to clean up at once. Of 6 drug stores inspected 4 were good and 1 fair. J. M. Carleton's drug store was in excellent condition. Three bakeries and confectioneries were inspected, 2 being good and the one owned by Rompke & Co. was excellent. Two hotels and restaurants were inspected, one being good and one fair. Fifteen pounds of crackers were condemned. Two second inspections were made. One grocery and one meat market was in fair condition.

MITCHELL, LAWRENCE COUNTY—

Four drug stores were inspected and found in good condition.

MONROEVILLE, ALLEN COUNTY—

Three groceries and two drug stores were inspected and found to be in good condition. Of three meat markets visited one was found good, one fair and one poor, being unclean. Of 3 hotels and restaurants inspected, two were good and 1 fair. Two bakeries and candy shops were visited and found in fair condition. Seventy-five pounds of meat were condemned.

MT. VERNON, POSSEY COUNTY—

Three drug stores were inspected and found to be in good condition.

MUNCIE, DELAWARE COUNTY—

Of 22 dairies inspected, 1 was found good, 11 fair, 9 poor and 1 bad. Several of the dairies needed new floors and a general clean up. Sixteen groceries were visited, 10 being in good shape and 6 fair. Goods were ordered under cases. Of 12 meat markets inspected 7 were good and 5 fair. Of 11 drug stores inspected, 10 were good and 1 fair. Nine bakeries and confectioneries were visited, 8 being good and 1 fair. Of 6 hotels and restaurants inspected 2 were good, 3 fair and 1 poor; the goods were not under cases and the kitchen has very poor ventilation.

NEW ALBANY, FLOYD COUNTY—

Of 19 drug stores inspected, 17 were good and 2 fair.

NEWBERRY, GREENE COUNTY—

Of 3 groceries inspected 1 was found good, 1 fair and 1 poor, being unclean and not ventilated. Notice was given to cover dried fruits. One meat market and one drug store were found in good condition. Two hotels and restaurants were found to be fair.

NEWBURG, WARRICK COUNTY—

Two drug stores were inspected and found to be in good condition. One slaughter house was found in poor condition, the place was condemned. Eight second inspections were made. Of 4 groceries inspected 3 were found good and 1 fair. The meat market owned by Otto A. Britz was in excellent condition. Of two bakeries and confectioneries inspected one was found good and one fair. One restaurant was found in good condition.

NEW HARMONY, POSEY COUNTY—

Three drug stores were inspected and found to be in good condition. Two slaughter houses were visited and one was found to be in fair condition and one poor, being unclean. Five second inspections were made. Two groceries, two meat markets and one bakery were visited and found to be in good condition.

NOBLESVILLE, HAMILTON COUNTY—

Five drug stores were inspected and found to be in good condition.

NORTH VERNON, JENNINGS COUNTY—

Six drug stores were inspected and found to be in good condition.

OSGOOD, RIPLEY COUNTY—

W. D. Willson's dairy was inspected and found to be in excellent condition. One drug store was found to be in good condition.

OWENSVILLE, GIBSON COUNTY—

Two groceries were visited and found to be in good condition. Seven second inspections were made. Two groceries and two meat markets were in good shape. Of three restaurants visited one was good, one fair and one poor. The restaurant was condemned.

PAOLI, ORANGE COUNTY—

Two drug stores were inspected and found to be in good condition. One second inspection was made of a drug store, which was found to be in good condition.

PERU, MIAMI COUNTY—

Twenty-three first inspections were made. Of 11 groceries visited, 7 were found good and 4 fair. Of 7 meat markets inspected, 5 were good and 2 fair. Four drug stores were inspected, 2 being good and 1 fair. The drug store owned by R. E. Murphy was in excellent condition. One confectionery was found in good shape. Twenty pounds of sausage and sixty-five pounds of pork loins were condemned. Seven second inspections were made. The grocery and meat market owned by McCaffery & Co. was in excellent con-

dition. One grocery and meat market was found good and one grocery and meat market fair. The Chickasaw Pharmacy Co. was in excellent condition.

PLAINVILLE, DAVIESS COUNTY--

One drug store was inspected and found in a very unclean condition.

PLYMOUTH, MARSHALL COUNTY--

Two groceries were inspected and found to be in a good condition. Two drug stores were inspected, one being good and the one owned by Charles Reynolds was in excellent shape.

POSEYVILLE, POSEY COUNTY--

One grocery and one drug store was visited and found in good shape. Two second inspections were made. One grocery and one meat market were found to be in good condition.

PRINCETON, GIBSON COUNTY--

Five drug stores were visited and found to be in good shape. Three second inspections were made of groceries and all were found to be good.

RICHMOND, WAYNE COUNTY--

Fourteen dairies were inspected, 4 being in good condition, 7 fair and 3 poor, being unclean.

ROCKPORT, SPENCER COUNTY--

Three drug stores were visited and found to be in good shape. Three second inspections were made. The grocery owned by J. H. Walker was in excellent condition. J. J. Wetzel & Co.'s bakery and confectionery was in excellent condition.

SALEM, WASHINGTON COUNTY--

Four drug stores were inspected and found to be in good condition.

SEELYVILLE, VIGO COUNTY--

Six dairies were inspected and found in fair condition. Notice was given to clean and fix up dairies.

SEYMOUR, JACKSON COUNTY--

Five drug stores were visited and found in good shape.

SHOALS, MARTIN COUNTY--

Two drug stores were inspected and found in good condition.

SPENCER, OWEN COUNTY--

Of 4 drug stores inspected, 3 were found good and 1 fair. L. A. Warner's restaurant was in excellent shape. Twenty-one second inspections were made. Four groceries were found in fair condition. Of 5 meat markets inspected, 4 were good and 1 fair. Notice was given to keep floors and counters clean. Four drug stores were visited, one being good and one fair. The stores owned by Louis Schmidt and Wm. Moss were in excellent condition. Of two bakeries and confectioneries visited, one was found good and one fair. Of 6 hotels and restaurants inspected 3 were in good condition and 3 fair.

STEWARTSVILLE, POSEY COUNTY--

Two groceries were inspected and found in good condition.

SULLIVAN, SULLIVAN COUNTY--

Six first inspections were made. Of two groceries visited one was found good and one fair. Notice was given to clean floors and back yards. One drug store and one confectionery were found in good shape. Two hotels and restaurants were visited, one being good and one fair. Notice was given to clean floors and back yards. One second inspection was made of a meat market, which was in good condition.

SWITZ CITY, GREENE COUNTY--

One grocery and one meat market was inspected and found to be in fair condition. Notice was given to clean up store at once. Four second inspections were made. Of three groceries visited two were found fair and one poor, on account of unclean conditions. One drug store was found in a poor condition. Notice was given to clean up store throughout.

TELL CITY, PERRY COUNTY--

Three drug stores were inspected and found to be in good condition. Seven second inspections were made. The groceries owned by Schrieber & Son and Becker Bros. were found to be in excellent condition. Two meat markets were visited and found to be good. Two bakeries and confectioneries were visited and in good condition. The pretzel factory owned by Adolph Gloove was found to be excellent.

TERRE HAUTE, VIGO COUNTY--

Three hundred and thirty-nine first inspections were made. Of 61 dairies visited, 7 were good and 26 fair, 17 were found poor and 11 bad, on account of unclean conditions. Of 110 groceries visited, 25 were found good, 66 fair, 15 poor and 4 bad. One packing plant was found good. Of 66 meat markets inspected, 13 were good, 40 fair, 11 poor and 2 bad, having very unclean conditions. Three slaughter houses were inspected, 1 being fair and 2 poor. Notice

was given to clean up at once. Of twenty-one drug stores inspected Madison's Oak Hall Pharmaceutical Co., and J. O. Buntin's drug stores were in excellent condition. Ten were good, 8 fair and 1 poor. Notice was given to clean store. Of 41 bakeries and confectioneries inspected the ones owned by W. H. Sage's Sons, Mokely & Harkness and Peter Georgepoulos were in excellent condition. Seventeen were good, 18 fair, 2 poor and 1 bad. Notice was given to close shop until cleaned up. Of 31 hotels and restaurants inspected, 12 were good, 11 fair, 4 poor and 2 bad, the places being poorly lighted and ventilated and very unclean. The restaurants owned by Jerry Fitzgerald and Smith & Williams were in excellent condition. Three ice cream factories were visited, one being good, one fair, and one poor. Two fish markets were inspected, one being good and one fair. One milk depot was in fair shape. Two cows and seven hundred fifty (750) pounds of meat were condemned. Thirty-eight second inspections were made. Of 32 dairies inspected, 15 were found good, fifteen fair, and 1 poor. One dairy was in such an unclean condition that it was condemned until made sanitary. One grocery was in fair condition. Of two bakeries and confectioneries visited, one was found good and one fair. The drug stores owned by A. B. Austin, Joseph S. Madison, and the Bauer Pharmacy Co., were in excellent condition.

THORNTOWN, BOONE COUNTY--

One creamery was found in fair condition. Of 8 groceries inspected 5 were found good and 4 fair. The City meat store was in excellent condition. Two meat markets were found fair. One slaughter house was visited and found in poor shape. Notice was given to clean up at once. Of four drug stores visited one was good and two poor. One store was closed until made sanitary and the other was notified to clean up at once. The store owned by W. C. Burk was in excellent condition. Of 3 bakeries and confectioneries visited 2 were good and 1 fair. Of 3 hotels and restaurants inspected, 1 was in good shape and 2 fair. Thirty packages of pickles were condemned. Two second inspections were made. One grocery was visited and found in good condition. One drug store was rated poor, being in a very unclean condition. Notice was given to clean up at once.

TIPTON, TIPTON COUNTY--

Of 5 drug stores inspected, 4 were good and 1 fair.

VALPARAISO, PORTER COUNTY--

Of 9 groceries visited 5 were found good and 4 fair. Four meat markets and 4 drug stores were found good. Of 7 bakeries and confectioneries inspected 5 were good and 2 fair. One hotel was found good.

VEEDERSBURG, FOUNTAIN COUNTY--

Eighteen inspections were made. Of 6 groceries visited 5 were fair and 1 poor. Notice was given to clean up at once. Of 3 meat markets inspected 2 were found fair and 1 poor. Notice was given to clean up and keep clean. Three drug stores were rated good. Of 3 bakeries and candy shops visited, 2 were fair and 1 poor. Word was left to whitewash and clean up back yard. Three hotels and restaurants were inspected, 2 being good and 1 fair.

VINCENNES, KNOX COUNTY--

Twenty-three drug stores were inspected and all rated as being good.

WABASH, WABASH COUNTY--

Twenty-seven inspections were made. Of 13 groceries, 10 were good and 3 fair. Of 5 meat markets inspected 4 were good and 1 fair. Of 5 drug stores visited, 4 were good and the store owned by the Bradley Bros. was in excellent condition. One bakery was found to be good. Of 3 hotels and restaurants inspected 2 were good and 1 fair.

WASHINGTON, DAVIESS COUNTY--

Ten drug stores were inspected and rated as good.

WESTFIELD, CARROLL COUNTY--

One grocery was in fair condition. One drug store was found good and one fair.

WORTHINGTON, GREENE COUNTY--

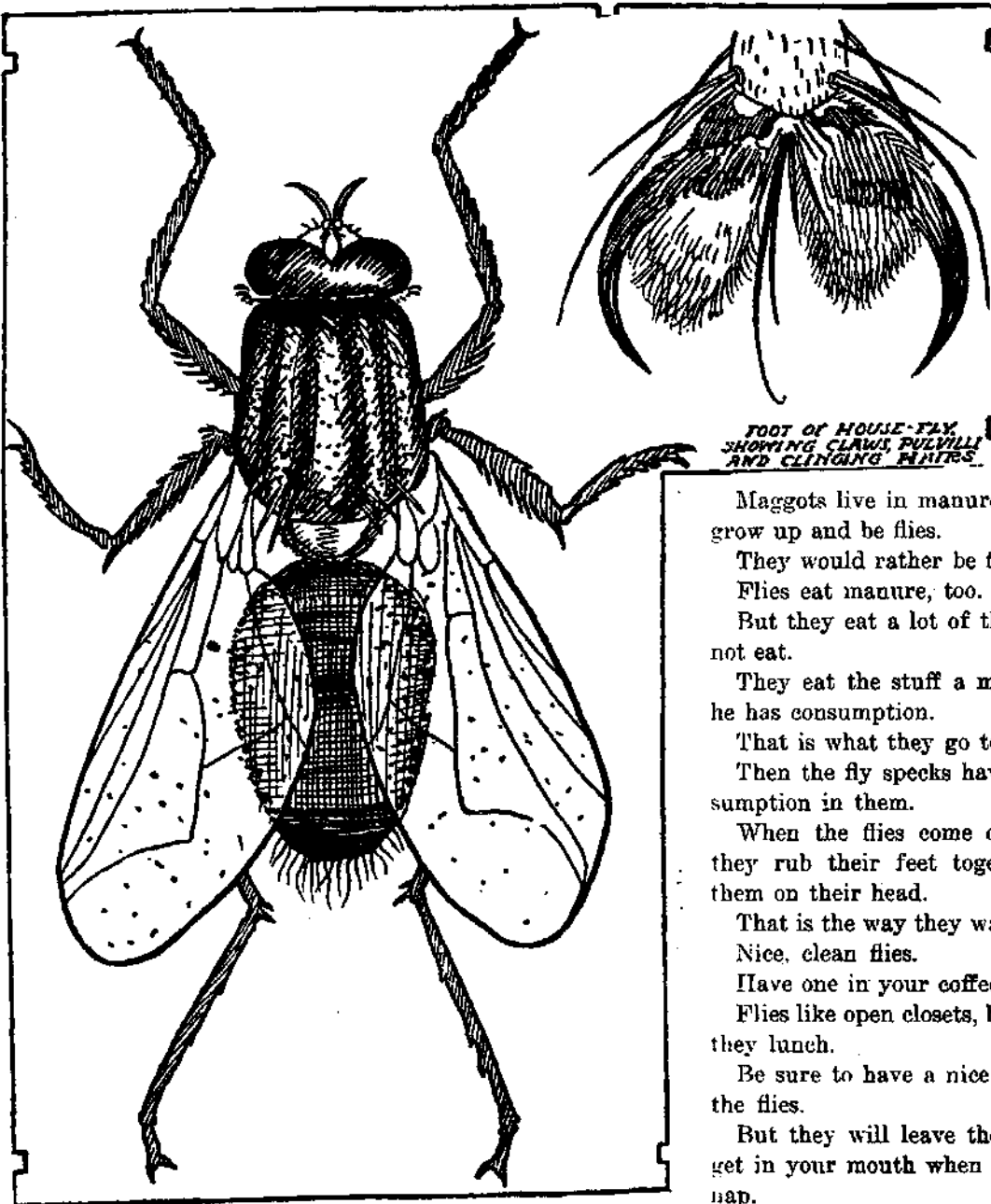
Four first inspections were made. One grocery, one drug store, one bakery and one restaurant were inspected and all found in good condition. Nine third inspections were made. Of 6 groceries inspected 3 were found good, and the groceries owned by Baker Bros., George Baker and Cooper & Hausford were found in excellent condition. Two meat markets were found good. The drug store owned by Cooper & Son was rated excellent.

ZIONSVILLE, BOONE COUNTY--

Seven inspections were made. Two groceries were found fair. Notice was given to cover dried fruits and clean back of yard. Of two meat markets visited, one was good and one fair. Two drug stores and one restaurant were found to be in fair shape. One third inspection was made of a drug store, which was found to be in good condition.

**BUSY DISEASE SPREADER 100 TIMES AS BIG
AS HE REALLY IS—FLY TIME SOON. BEWARE!**

**THE
HOUSE
FLY**



See the fly.

It has not always been a fly—it used to be a maggot—

The children of flies are maggots till they are grown, then they are flies.

Maggots live in manure and eat manure to grow up and be flies.

They would rather be flies than maggots.

Flies eat manure, too.

But they eat a lot of things that we would not eat.

They eat the stuff a man coughs up when he has consumption.

That is what they go to the spittoon for.

Then the fly specks have the germs of consumption in them.

When the flies come out of the spittoons they rub their feet together and then rub them on their head.

That is the way they wash.

Nice, clean flies.

Have one in your coffee!

Flies like open closets, because that is where they lunch.

Be sure to have a nice nasty closet to feed the flies.

But they will leave the privy any time to get in your mouth when taking your midday nap.

When you shoo them away from typhoid stools they get on baby's bottle.

Then we wonder how baby got typhoid fever.

Flies are opposed to sewers.

They think it is a trick to starve them out.

Then they have to live on such scrapings as they can get—vomit, sores on dogs and horses and the cold food in the pantry.

Don't you think it would be the thing to make all privies flyproof and to keep stables clean so there would be no manure in which to breed flies?—Florida Health Notes.

**FLY SEASON IS OPEN;
PUT IN YOUR SCREENS**

**Doctors Say the Common House Fly Carries
100,000 Germs Around with it, Leaving its
Trail of Filth and Disease.**

CHART SHOWING GEOGRAPHICAL DISTRIBUTION OF DEATHS FROM CERTAIN COMMUNICABLE DISEASES FOR APRIL, 1908.

NORTHERN SANITARY SECTION.

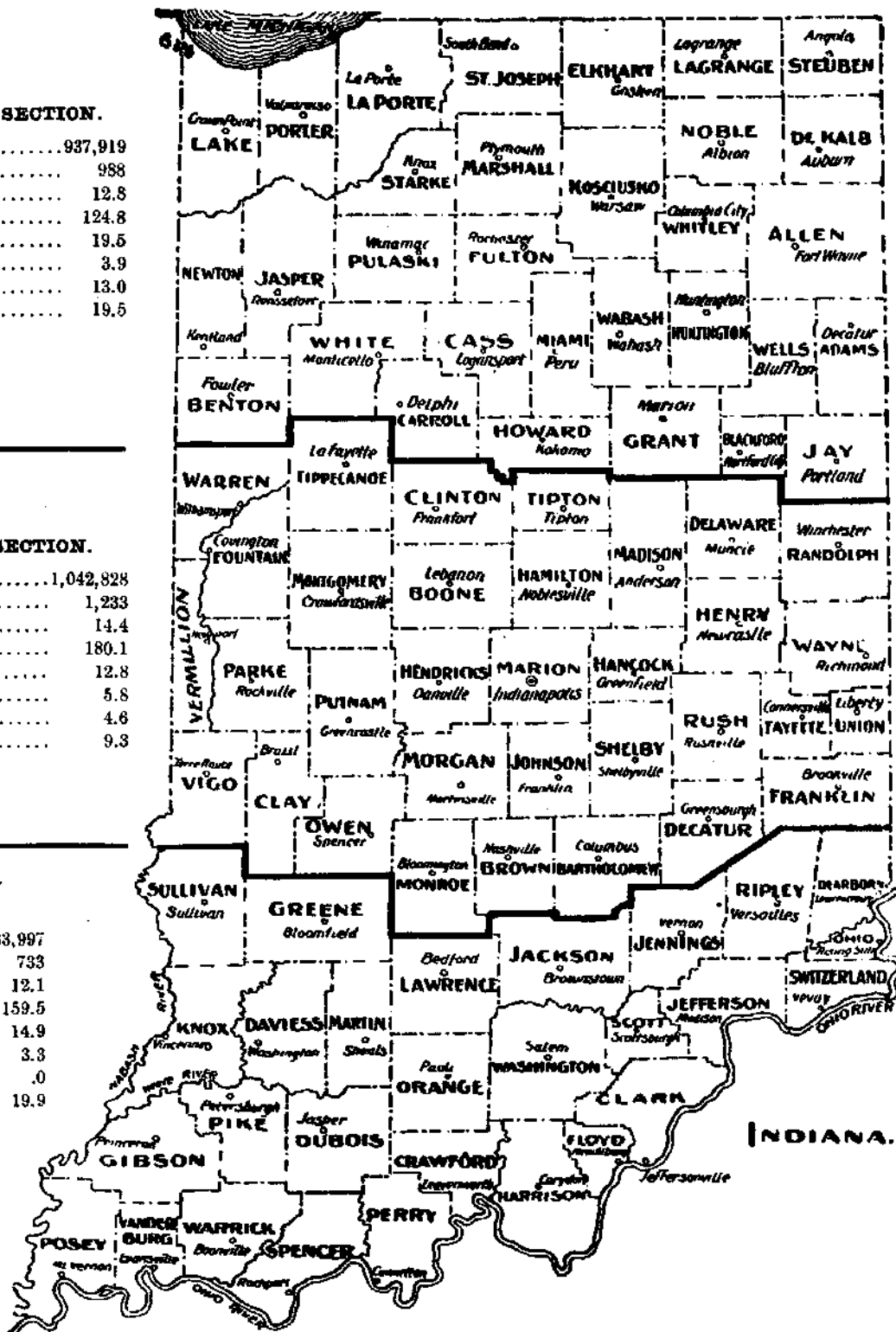
Total population	937,919
Total deaths	988
Death rate per 1,000	12.8
Consumption, rate per 100,000	124.8
Typhoid, rate per 100,000	19.5
Diphtheria, rate per 100,000	3.9
Scarlet fever, rate per 100,000	13.0
Diarrheal diseases, rate per 100,000	19.5

CENTRAL SANITARY SECTION.

Total population	1,042,828
Total deaths	1,233
Death rate per 1,000	14.4
Consumption, rate per 100,000	180.1
Typhoid, rate per 100,000	12.8
Diphtheria, rate per 100,000	5.8
Scarlet fever, rate per 100,000	4.6
Diarrheal diseases, rate per 100,000	9.3

SOUTHERN SANITARY SECTION.

Total population	733,997
Total deaths	733
Death rate per 1,000	12.1
Consumption, rate per 100,000	159.5
Typhoid, rate per 100,000	14.9
Diphtheria, rate per 100,000	3.3
Scarlet fever, rate per 100,000	.0
Diarrheal diseases, rate per 100,000	19.9



Mortality of Indiana for April, 1908.

POPULATION BY GEOGRAPHICAL SECTIONS AND AS URBAN AND RURAL.	Population, Estimated 3/4 times School Census, 1907.	Total Deaths Reported for April, 1908.	Annual Death Rate per 1,000 Population.	Stillbirths.	Important Ages.												Deaths and Annual Death Rates per 100,000 Population from Important Causes.							
					Under 1.		1 to 5.		5 to 10.		10 to 15.		15 to 20.		65 and Over.		Consumption.		Other Forms Tuberculosis.		Typhoid Fever.		Diphtheria.	
					Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.
State.....	2,714,744	2,854	13.2	150	405	14.4	185	5.8	81	2.1	51	1.8	104	3.7	875	31.2	348	155.4	65	29.2	95	15.7	10	4.4
Northern Counties.....	937,919	986	12.8	53	145	15.5	56	5.9	19	2.0	14	1.5	27	2.8	304	32.5	96	124.8	23	29.9	15	19.5	3	3.9
Central Counties.....	1,042,828	1,233	14.4	61	156	13.3	62	5.2	28	2.3	14	1.1	47	4.0	358	30.5	154	180.1	23	33.9	11	12.8	5	5.8
Southern Counties.....	733,997	733	12.1	36	101	14.0	47	6.7	14	2.0	23	3.3	30	4.3	213	30.5	96	159.5	13	21.6	9	14.9	2	3.3
All Cities.....	1,020,494	1,383	18.5	71	216	16.4	90	6.8	21	1.8	22	1.8	45	3.4	327	24.9	162	181.7	32	38.2	13	15.8	4	7.1
Over 50,000.....	386,863	520	16.3	28	66	13.4	33	6.7	10	2.0	5	1.0	19	3.8	105	21.2	59	186.0	16	50.4	2	8.3	2	6.3
25,000 to 50,000.....	90,232	127	17.1	6	22	16.5	8	6.7	3	2.5	3	2.5	3	2.5	28	23.5	13	175.7	3	40.5	1	13.5	1	13.5
10,000 to 25,000.....	234,029	310	18.1	16	51	17.4	18	6.1	4	1.3	4	1.3	11	3.7	76	26.0	39	203.3	8	31.2	5	26.0	1	5.2
5,000 to 10,000.....	179,439	258	17.5	10	51	20.5	23	9.2	1	4	2	3.2	5	2.0	68	27.4	22	149.5	5	13.5	4	27.1	2	13.5
Under 5,000.....	129,931	168	15.7	7	26	16.1	8	4.9	3	1.6	2	1.2	7	4.3	50	31.0	19	178.4	5	46.9	1	9.3	1	9.3
Country.....	1,694,250	1,571	11.3	79	189	12.6	75	5.0	40	2.6	29	1.9	59	3.9	548	31.6	194	139.6	33	23.7	22	15.8	4	2.8

POPULATION BY GEOGRAPHICAL SECTIONS AND AS URBAN AND RURAL.	Deaths and Annual Death Rates per 100,000 Population from Important Causes.																							
	Croup.		Scarlet Fever.		Measles.		Whooping Cough.		Pneumonia.		Diarrheal Diseases, Under Five.		Cerebro-Spinal Meningitis.		Influenza.		Puerperal Septicemia.		Cancer.		Violence.		Smallpox.	
	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.	Number.	Death Rate.
State.....	1	.4	14	6.2	44	18.7	27	12.1	332	149.2	35	15.7	18	8.0	81	38.4	14	6.2	150	88.9	154	89.2	2	.8
Northern Counties.....			10	13.0	14	18.2	11	14.3	114	148.2	15	19.5	7	9.1	20	26.0	7	9.1	55	70.2	52	67.6	1	1.3
Central Counties.....			4	4.6	6	7.0	11	12.8	143	167.2	9	9.3	8	9.3	41	47.9	12	2.3	65	76.0	78	91.2	1	1.1
Southern Counties.....	1	1.6			24	39.8	5	8.3	75	124.6	12	19.9	3	4.9	20	33.2	5	8.3	30	49.8	24	39.8		
All Cities.....			11	13.1	12	14.3	14	18.7	188	224.7	21	25.1	9	10.7	29	23.8	5	5.9	83	99.2	78	93.2	1	1.1
Over 50,000.....			3	9.4	1	3.1	6	18.9	64	201.8	3	9.4	5	15.7	6	18.9	3	9.4	29	91.4	28	88.3	1	3.1
25,000 to 50,000.....			3	40.5			1	13.5	28	378.5							1	13.5	7	94.0	7	94.6		
10,000 to 25,000.....					3	15.6	5	26.0	44	229.3	5	26.0	3	15.6	5	26.0	1	5.2	16	83.4	12	62.5		
5,000 to 10,000.....			5	33.9			3	13.5	31	310.7	11	74.7	1	6.7	5	33.9			21	142.7	18	122.3		
Under 5,000.....			2	18.7			13	9.3	144	103.6	14	10.0	9	6.4	4	37.5			10	93.8	13	123.0		
Country.....	1	.7	9	2.1	22	23.0								61	43.9	9	6.4	68	47.5	76	54.7	1	.7	

Meteorological Summary, Indiana Section, Climatological Service, U. S. Weather Bureau, for April, 1908. Furnished by W. T. Blythe, Section Director, Indianapolis, Ind.

SECTIONS.	TEMPERATURE.										PRECIPITATION.				CONDITION OF SKY.			Wind. Prevailing Directions.		
	Mean.	Departure from Normal.	Highest.					Lowest.					In Inches.				Number of Days.			
			Degrees.	Date.	Place.	Degrees.	Date.	Place.	Average.	Departure from Normal.	Snowfall Unmelted.	Days with .01 inch or more.	Clear.	Partly Cloudy.	Cloudy.					
																Clear.	Partly Cloudy.		Cloudy.	
Northern Section.....	49.8	+0.1	81	22	Logansport.....	18	4.5	Fort Wayne.....	3.43	+0.71	7	12	13	5	12	28	W, W, W			
Central Section.....	52.7	+1.0	82	24	Blountington.....	19	2.8	Northfield.....	4.33	+1.07	7	13	10	8	13	28	W, W, W			
Southern Section.....	55.7	+0.9	87	23	Rome.....	23	3.5	Columbus.....	5.32	+1.89	7	13	11	8	11	28	W, W, W			
State.....	52.7	+0.6	87	22	Rome.....	19	4.5	Fort Wayne.....	4.37	+1.22	7	13	11	7	12	28	W, W, W			