

Indiana State Board of Health

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HELENE E. H. KNABE, M. D., ASSISTANT PATHOLOGIST AND BACTERIOLOGIST.
E. E. BARNARD, B. S., CHEMIST.
R. E. BISHOP, B. S., ASSISTANT CHEMIST.

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 MAY, 1907.

The total number of deaths were 2,892; rate, 12.6. In the corresponding month last year, 2,665; rate, 11.9. In the preceding month, 2,813; rate, 15. The deaths by important ages were: Under one year, 368 or 13.4 per cent. of the total; 1 to 5 years, 172; 5 to 10, 65; 10 to 15, 45; 15 to 20, 68; 65 and over, 879, or 32.2 per cent. of the total. Some important causes of death were: Consumption, all forms, 363, of which 309 were pulmonary; typhoid fever, 32; diphtheria, 18; scarlet fever, 4; measles, 19; whooping cough, 8; pneumonia, 331; diarrhoeal diseases, 36; cerebro-spinal meningitis, 22; influenza, 43; puerperal fever, 19; cancer, 99; violence, 180, and small pox one.

SANITARY SECTIONS: THE NORTHERN SANITARY SECTION, population 899,960, reports 919 deaths; rate, 12. In the corresponding month last year, 897 deaths; rate, 11.9.

CENTRAL SANITARY SECTION, population 1,022,950, reports 1,194 deaths; rate, 12.5. In the corresponding month last year, 1,110 deaths; rate, 12.

SOUTHERN SANITARY SECTION, population 675,649, reports 679 deaths; rate, 11.8. In the corresponding month last year, 658 deaths; rate, 11.5.

REVIEW OF SECTIONS: We have to record an unusual fact and that is the Southern Sanitary Section shows the lowest death rate this month. Usually this honor belongs to the Northern Sanitary Section. The Southern Sanitary Section shows the highest typhoid death rate, which is 17.4 in the 100,000; the Central Section being 16.8, and the Northern 7.8. Pneumonia prevailed more extensively in the Northern Section, the rate being 154.7, as compared with 138.7 for the Central, and 141.4 for the Southern.

CITIES: All cities, total population 1,032,376, report 1,324 deaths; rate, 15.1. In the corresponding month last year, 1,264 deaths; rate, 15. The city rate this month is 2.5 higher than the average for the whole State. The cities show a higher death rate than the average for the whole State in the following diseases: Consumption, typhoid fever, diphtheria, scarlet fever, measles, whooping cough, pneumonia, diarrhoeal diseases, cerebro-spinal meningitis, influenza, puerperal fever, cancer and violence. The death rates of the cities having over 25,000 population are: Indianapolis, 15.3; Evansville, 12.9; Ft. Wayne, 16.4; Terre Haute, 16.9; Anderson, 7.3; Muncie, 16.4; South Bend, 12.6.

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COUNTRY: The country, population 1,666,183, reports 1,568 deaths; rate, 11.1. This is 1.5 lower than the average for the whole State. In the corresponding month last year, 1,401 deaths; rate, 9.8.

SUMMARY OF MORBIDITY AND MORTALITY FOR MAY, 1907.

Measles was reported the most prevalent disease. It appeared in every county; in many places it was epidemic and closed the schools. Nevertheless, it was not as bad as in the preceding month when there were 42 measles deaths, against 19 this month.

In May last year rheumatism was the most prevalent disease. The order of prevalence this month was: Measles, rheumatism, bronchitis, tonsillitis, influenza, pneumonia, typhoid fever, scarlet fever, diarrhea, intermittent fever, diphtheria, smallpox, pleuritis, whooping cough, erysipelas, inflammation of bowels, cholera morbus, puerperal fever, typho-malarial fever, dysentery, cerebro-spinal meningitis, cholera infantum.

SMALLPOX: One hundred and forty-nine cases with one death reported from 23 counties. In same month last year, 112 cases, no deaths, from 14 counties. The following counties reported smallpox: Allen, 3 cases; Cass, 2; Clinton, 1; Elkhart, 22; Floyd, 1; Fountain, 1; Grant, 5; Hamilton, 15; Harrison, 3; Hendricks, 8; Howard, 3; Laporte, 11; Lawrence, 1; Marion, 18; Marshall, 21; Miami, 6; Porter, 2; St. Joseph, 6 and 1 death; Tippecanoe, 6; Tipton, 14; Wabash, 8; White, 3; Whitley, 2.

TUBERCULOSIS: Total deaths, all forms, 363. Pulmonary form, 309. In corresponding month last year, total all forms, 376; pulmonary, 318. Of the tuberculosis deaths, 181 were males and 182 females. Of the males 35 were married, in the age period of 18 to 40, and left 72 orphans under 12 years of age. Of the females 69 were married, in the age period of 18 to 40, and left 139 orphans under 12 years of age. In this class, total orphans, 201; widows, 35; widowers, 69. Total number of homes invaded in all ages, 351.

PNEUMONIA: Total deaths, 331. Males, 161; females, 170. In corresponding month last year, 213 total pneumonia deaths; males, 124; females, 79. By age periods: Under 1 year, 59; 1 to 5, 65; 5 to 20, 19; 20 to 50, 58; 50 to 70, 57; over 70, 73; over 90, 3 deaths.

TYPHOID FEVER: Two hundred and four cases in 31 counties, and 32 deaths. In corresponding month last year, 194 cases in 32 counties, and 40 deaths. The following counties reported 5 cases and over: Bartholomew, 10 cases, no deaths. Clark, 11 cases, 2 deaths. Daviess, 7 cases, no deaths. Floyd, 13 cases, 1 death. Lake, 6 cases, 3 deaths. Marion, 10 cases, 3 deaths. Vigo, 11 cases, 4 deaths.

DIPHTHERIA: One hundred and seventy-six cases in 24 counties, and 18 deaths. In corresponding

month last year, 88 cases in 17 counties, and 8 deaths. Five or more cases were reported from the following counties: Allen, 8 cases, no deaths. Delaware, 7 cases, 1 death. Elkhart, 7 cases, 2 deaths. Grant, 8 cases, no deaths. Laporte, 5 cases, no deaths. Marion, 12 cases, 1 death. Vigo, 11 cases, 2 deaths.

SCARLET FEVER: Three hundred and four cases reported from 35 counties, and 4 deaths. The disease prevailed extensively in mild form. It was epidemic in 16 places.

VIOLENCE: Deaths by violence, 180. Murders, 13; suicides, 36; accidental, 131. Of the murders, males, 9; females, 4; 8 were by gunshots, 4 cutting and stabbing, 1 drowned, a child. Of the suicides, males, 27; females, 9. Methods used: Gunshots, 6 males, 1 female. Cutting arteries, males, 2; females, 2. Drowning, males, 3. Gas, males, 2. Carbolic acid, males, 8; females, 3. Poison, males, 2; females, 3. Wood alcohol, females, 1. Hanging, males, 4; females, 1. Of the accidental deaths: Steam railroads, males, 36; females, 1. Trolley cars, males, 3. Fractures and crushing injuries, males, 17; females, 3. Machinery, males, 4. Burns and scalds, males, 2; females, 11. Drowning, males, 8; females, 1. Gunshots, males, 4. Nitro glycerin, males, 6. Falls, males, 8; females, 2. Carbolic acid, males, 2; females, 2. Potomaine poisoning, males, 1; females, 2. Tetanus (lock-jaw, classed as accidental because always depending upon accident), males, 3; females, 2. Electricity, males, 2. Horses and vehicles, males, 5; females, 1. Suffocation, males, 1; females, 3. Other methods, males, 4.

REPORT OF THE DEPARTMENT OF FOOD AND DRUGS, INDIANA STATE BOARD OF HEALTH, TO JUNE 1, 1907.

H. E. BARNARD, State Food and Drug Commissioner.

No report has been made concerning the work of the Laboratory since the November, 1906, issue of the Bulletin, although during the intervening months much has been accomplished. The Pure Food and Drug Law which became effective March 4th, modified in many ways the law under which the Laboratory had been working, and placed larger funds with which to work in our hands. These two conditions made a reorganization of the methods of the work necessary, and has delayed the publication of results.

This report gives in detail all the work that has been accomplished at the Laboratory up to the first of June. Hereafter a monthly report will be made, covering the work of the inspectors and the analytical results of the examinations of samples made at the Laboratory, prosecutions of cases, etc.

The results of the analyses of food samples indicates a greatly changed condition of affairs in the last few months. Not only has the percentage of adulteration dropped perceptibly, but it is becoming more and more

difficult to find samples that may even be suspected of being impure. This condition is largely attributable to the passage of the Federal Food Law, which has compelled manufacturers to eliminate impure goods from all shipments intended for interstate trade. The manufacturers within this State, although not obliged to conform to the Federal Law so far as it concerns the goods manufactured and sold within the State, have in every case that has come to our notice made and shipped the same high grade goods to their customers at home that they have sent to the trade outside the State. The new Food and Drug Law differs but little from the Federal Law, and manufacturers whose goods are suitable for interstate trade find no difficulty in complying with the Indiana law, both as regards composition and form of label. There is still some doubt among manufacturers as to the proper way in which their goods should be labeled, but we have never found a case where there has been any attempt to disobey or evade the provisions of the State or Federal law. Many old goods are still on hand both in groceries and drug stores, but these stocks have in most instances been properly labeled and under such conditions are passed by the Food Inspectors. The purpose of the Food and Drug Law is, we believe, to secure uniform purity in food and drug products and to maintain a high grade of excellence in these goods without bringing hardship to either the manufacturer or retailer. It is not our purpose or desire to condemn and destroy food products which have been sold without restraint for years, because they violate in some technical way, either as to labeling or ingredients, the provisions of the new Food and Drug Law. Whenever such goods are so marked that the label indicates what they are, and when it is clear that they have been manufactured before the present law went into effect, their sale will be allowed. All goods manufactured or shipped into the State since the passage of the law, and all goods now being packed, will be required to conform strictly to the law. We believe this ruling is well understood by the food and drug trade, and that all uneasiness and apprehension which may have been felt at the time of the passage of the law, has now passed away. No evidence has come to our notice of any attempt on the part of manufacturers and wholesalers to do other than comply with the letter of the law. In many instances business methods have undergone marked changes; manufacturers have had to discard formulae that have been in use for years, and to install new machinery and apparatus. This is especially true in the case of abattoirs and the smaller slaughterhouses, many of which have been conducted in a careless and unsanitary manner. Section 4 of the law imposes sanitary conditions upon the places used for the manufacture of meats that are so rigid as to compel in many instances the erection of new buildings. Seven slaughterhouses have been so condemned during the last two months,

and have been or are now in the process of reconstruction.

The question of food control has always been considered an economic one: where the consumer has been defrauded in the purchase of his provisions, and where the health has been endangered by reason of the use of injurious adulterants. Under the new conditions created by rigid food laws, adulteration by the use of inferior substitutes, injurious colors and preservatives, and all the other methods which have been foisted upon the consumer for years, becomes for the most part a thing of the past, and food control takes on a new phase, that of rigid sanitary supervision of the manufacture and distribution of food products. This work which has been largely neglected in the past because of the apparent necessity for preventing gross fraud, has now become the chief duty of the food inspectors.

The food laws insist upon correct labeling, prohibit substitution and reduction of quality, establish standards of purity and define all forms of adulteration. The new Federal Meat Inspection Law provides for the examination of all meats that enter interstate commerce, establishes sanitary conditions for slaughterhouses, prohibits the use of preservatives and chemicals and takes every precaution to insure the sale of sound and wholesome meat in interstate trade. And yet, while the meat supply of the large cities is necessarily shipped in from the great stockyards, thousands of our people, living in the country and smaller towns and cities, get all their meats from local dealers and butchers who kill and sell their own meats and are not subject to Government inspection. Under the new laws only sound beef can run the gauntlet of half a dozen inspectors and get to market. What becomes of the inferior stock, the lean and crippled beeves? Stock raisers soon learn the folly of sending such grades to the yards where they would only be condemned and discarded, and will place them where there is no inspection, that is, in the local markets. If Federal inspection is needed in the great packing houses, how much more is it needed in every country town and local slaughterhouse.

We are compelling food and drug manufacturers to guarantee the purity of every preparation to their customers. But while we are doing all of these things, while we are teaching honesty and elevating business morals by sheer force of law, we are neglecting almost entirely a most important phase of the food question. While we have been decrying canned meats as poisonous we have paid no attention to sanitary milk production, clean bake shops or wholesome markets. We forget that meats sterilized by heat can not contain injurious bacteria and that our bread and milk may be swarming with the germs of filth even though they conform to all legal standards of strength and composition. It is well to prohibit the sale of skimmed or watered milk for whole milk, and of colored and pre-

served milk, because such sale is a fraud. But the vastly more important dairy inspection is not as yet effective except in a few isolated instances where local health officers are awake to the fact that milk is not always fit for consumption simply because it fulfills the requirements of some legislative standard.

The condition of the bakeries that now supply a large proportion of the bread, cake and pastries we eat merit investigation quite as much as do the dairies. The Massachusetts Board of Health took up the work during this last summer, and in a recent report show that of 536 shops inspected but 13, or two per cent., were so clean, well ventilated and lighted as to deserve especial commendation, while the condition of 247, or 47 per cent., was distinctly bad. Bake shops were located in dark, unventilated basements, and the work-rooms were the homes of the employees. Here they lived and slept, and made bread for public distribution. The report condemns these shops in these words: "A large proportion of the establishments of this class call for energetic action on the part of the local authorities, and should be closed." What is true of the bakeries of Massachusetts is equally true in Indiana.

In all of our larger cities, especially in those sections where the foreign population lives, much of the food supply as well as the fruit and candies are sold from stalls and push carts in the streets. These stocks of goods are rarely protected from dust and filth and every wind that blows deposits its quota of germ-laden dirt on some article designed as food. The candies and ice creams that tempt the pennies from children's pockets, because of their moist and sticky nature are the finest of food for bacteria, and should be sold under conditions of cleanliness that can not possibly be obtained in the open street. Food products can not be clean if they are made in dirty shops, displayed in dirty stores, sold by dirty men. They may comply with recognized standards of purity, that is, they may be properly labeled, of full weight, and made from the genuine article, but although they are passed as "inspected" they are not wholesome and should not be sold.

The grocery store or market is the distributing agent of the food manufacturer. It is probable that 95 per cent. of our food passes through the hands of the grocer or meat man. The prosperous merchant is usually awake to the fact that his business will suffer if his shop is not attractive, and his stock fresh. But in every community there are some dealers whose meat blocks are unclean, and covered with flies, whose refrigerators are slimy and foul smelling, whose back rooms are filled with accumulated filth, whose cellars are damp and dirty, whose dried fruit is wormy, whose fruit and vegetables are decayed, and whose cat sleeps in the cracker barrel.

All of these conditions are bad, more inimical to health than food adulteration as usually understood,

and yet they are tolerated or ignored because of long familiarity. A good fight has been waged by the consumers against impure food. In their zeal they have even ostracized many good things that should be listed as wholesome and cheap. They have been looking, however, at one side of the question and have neglected the important fact, that foods though chemically pure may be sanitarily unfit to eat.

For these reasons a system of sanitary inspection and control is being developed that will embrace every place where food and drug products are manufactured and distributed. Five Food and Drug Inspectors are now on the Laboratory force, and in them is vested the authority necessary to control sanitary conditions and enforce the law with respect to adulteration. In making their inspections they are directed by the Rules and Regulations laid down in a pamphlet issued by the State Board of Health, Department of Food and Drugs, entitled: "The Pure Food and Drug Laws of the State of Indiana, Together with the Rules of the State Board of Health Establishing Minimum Standards and Defining Specific Adulteration of Food and Drugs." Following instructions to inspectors in regard to sanitary conditions, 56 cities and towns have already been visited and 1,387 business places have been examined. Out of 481 grocery stores, 17 were found to be in an excellent condition; 170 were good, 229 fair, 52 poor and 13 bad. The places reported as being in poor or bad condition were usually unclean or poorly lighted and ventilated. Of the 302 meat markets inspected, 6 were in excellent condition, 90 good, 165 fair, 23 poor and 18 bad. The meat shops were usually condemned as being poor or bad because of unclean conditions and foul refrigerators. The drug stores, 220 of which were inspected, are on the whole kept in a much better condition than are the grocery stores and meat markets. Eleven were in excellent shape, 122 good, 78 fair, 9 poor, while none were so managed that they were reported as bad. One hundred and thirty bakeries and candy shops were inspected and 4 found to be in excellent condition, 50 good, 51 fair, 19 poor and 6 bad. The bake shops were usually condemned because of unclean conditions; a few were poorly lighted and badly ventilated. Of the 189 hotels and restaurants examined 9 were in excellent condition, 67 good, 67 fair, 39 poor and 7 bad; the existing conditions were usually uncleanliness and foul refrigerators. Sixty-one dairies have been inspected of which 5 were excellent, 11 good, 27 fair, 13 poor and 5 bad; the existing conditions were usually uncleanliness and lack of proper ventilation and light.

Two hundred and thirty-five second inspections have been made, which have shown in most cases marked improvement in sanitary conditions. The results of the work will become more and more apparent as inspectors become familiar with their duties and have a better acquaintance with the district in which they are employed.

REPORT OF SANITARY INSPECTIONS TO JUNE 1, 1907.

ABYDEL, ORANGE COUNTY: One grocery inspected, found to be in fair condition, although somewhat dirty.

ALEXANDRIA, MADISON COUNTY: Four groceries inspected, 3 good, 1 fair; 5 meat markets, 3 good, 2 fair; ten pounds of meat were condemned. Four drug stores inspected, found to be in good condition. One bakery, fair condition; 5 hotels, 3 good, 2 fair, walls, ceiling and refrigerator being unclean.

ARCADIA, HAMILTON COUNTY: Two groceries inspected, condition good; 2 drug stores, 1 good, 1 fair; 1 bakery, good condition; 2 hotels, condition good.

ATLANTA, HAMILTON COUNTY: Two groceries inspected, condition good; 2 drug stores in good condition; 1 bakery and 2 hotels in good condition.

BEDFORD, LAWRENCE COUNTY: Pine Hill dairy inspected, found to be in excellent condition. Seven groceries inspected, 1 good, 4 fair and 2 were poor, the stores being badly lighted and ventilated and the counters dirty; 4 meat markets were visited, 2 fair, 2 poor, the refrigerators were unsanitary; 2 drug stores, 1 fair and 1 poor, the back shops being unclean; 2 bakeries, 1 good, 1 fair; 2 hotels, 1 good and 1 poor.

BLOOMINGTON, MONROE COUNTY: Thirteen groceries inspected, of which 6 were good, 5 fair, 1 poor and 1 bad, being uncleanly and having foul refrigerator. Seven meat markets were inspected, 6 were good and 1 was fair; 7 drug stores, of which Bowles Bros.' was found to be in excellent condition, while 3 were good, 2 fair and 1 poor. Four bakeries and candy shops were visited; 2 were good, 1 fair and 1 poor.

CARMEL, HAMILTON COUNTY: Four groceries were in good condition; 1 meat market was in good condition; 1 slaughter house condemned as being in an unsanitary condition; 1 drug store and 1 hotel were in good condition; 1 candy shop was in fair condition.

CHAMBERSBURG, ORANGE COUNTY: Two groceries inspected found to be in fair condition.

CICERO, HAMILTON COUNTY: Two groceries were in good condition; also 1 meat market and 1 drug store were in good condition; 2 bakeries were in a good and a fair condition, the latter being unclean; 3 hotels were inspected, 2 were good and 1 was fair.

DANVILLE, HENDRICKS COUNTY: Three groceries were classed as good, fair and bad; twenty gallons of vinegar and two dozen bottles of catsup were condemned. Four drug stores were visited, 1 was in a good and three were in a fair condition. One quart of ferric chloride was condemned. One meat market was in good condition, while one slaughter house was condemned. One hotel was in fair condi-

tion, the walls, ceilings and refrigerator being unclean.

ELWOOD, MADISON COUNTY: One grocery and 3 meat markets were found to be in a fair condition. Five drug stores were visited, 3 were good, 2 fair. One hotel was classed as good.

EVANSVILLE, VANDERBURG COUNTY: Thirty-eight dairies were inspected, of which 8 were good, 20 fair, 9 poor and 1 was in a bad condition and was condemned. Eighty-nine groceries were visited. William E. Meier's grocery was in excellent condition, 26 were good, 35 fair, 24 poor and 3 were bad, being very unsanitary; 25 were unclean, 8 refrigerators were unsanitary and 2 groceries were poorly lighted and ventilated. Forty-five meat markets and slaughter houses were visited; 1 meat market and the Evansville Packing Company slaughter house, which is also under government inspection, were excellent, 7 were good, 27 fair, 8 poor and 1 was bad, being unclean. Twenty-seven drug stores were inspected, 16 were good, 10 fair and 1 poor, being unsanitary. Twenty-two bakeries and candy shops were visited; 1 bakery owned by Mrs. Jacob Smidt and 1 confectionery owned by Christian Bros., were found to be in excellent condition, while 7 were good, 9 fair, 2 were poor and 2 were bad. Twenty-three hotels and restaurants were visited; the Evansville Depot Restaurant was in excellent condition, 5 were classed as good, 6 fair, 10 poor and 1 bad. Three restaurants were unclean and four refrigerators were in an unsanitary condition. Three bottling works and one brewery were also visited.

FRANKFORT, CLINTON COUNTY: Three dairies were visited; all were unclean, 2 were rated fair and 1 poor. These dairies were ordered improved to comply with the law. Eighteen groceries were inspected, of which the wholesale grocery of R. P. Shanklin & Co., and McDowell, Britton & Cheadle Co. were excellent, 12 were good and 3 were fair. Two dozen bottles of extract were condemned. Seven meat markets and slaughter houses were inspected, 4 were good, 2 fair and 1 bad. Three slaughter houses were ordered to be improved to comply with the law. Two drug stores were visited, one was good and that of Elbert B. Merrill was excellent. One hotel was in fair condition. Out of 4 bakeries and candy shops, that of Crane Bros. was excellent, 2 were good and 1 was poor, being unsanitary.

FREDERICKSBURG, WASHINGTON COUNTY: Two groceries were classed as good and fair. One drug store was in good condition.

FRENCH LICK, ORANGE COUNTY: Five groceries were visited, of which the store of Wells, Cave & Glenn was in excellent condition, 3 were good and 1 was fair. Of 5 meat markets and slaughter houses inspected, that of Wells, Cave & Glenn was excellent, 3 were good and 1 was in fair condition. Three drug stores were visited. Eleven hotels were visited. The French Licks Springs Hotel and the Wells Hotel were

in excellent condition, while 2 were good and 7 were in fair condition.

GALENA, FLOYD COUNTY: One grocery was in fair condition.

GREENCASTLE, PUTNAM COUNTY: One grocery was in good condition. Of 2 drug stores, that of the Red Cross Drug Company was excellent and the other was classed as good. One slaughter house was ordered improved to comply with the law.

GREENSBURG, DECATUR COUNTY: Six meat markets and slaughter houses were inspected. The slaughter house and meat market of Link & Bobrink and H. Kammerling's meat market were in excellent condition. Two were good and 2 in bad condition, being in an unsanitary condition. The De Ormond Hotel was in excellent condition, while the other one inspected was rated good. One bakery was inspected and was in a dirty condition.

GREENTOWN, HOWARD COUNTY: One grocery inspected was found to be in fair condition; 2 meat markets were in good condition; 2 drug stores, 2 bakeries and 1 hotel were found to be in a fair condition.

GREENVILLE, FLOYD COUNTY: Three groceries inspected; 1 was good and 2 were fair; 2 hotels were in a fair condition.

HARDINSBURG, WASHINGTON COUNTY: The plant of the Hardinsburg Creamery Company was in excellent condition; 3 groceries were in good, fair and poor condition, being unclean; 3 hotels were inspected, 1 was good and 2 were fair.

HAMMOND, LAKE COUNTY: Nine groceries were inspected. Jas. L. Humpfer & Co.'s grocery and meat market was in excellent condition, 7 were good and 1 was fair; 11 meat markets were inspected, 1 was excellent, 8 were good and 2 were fair; 5 drug stores were in good condition. Of 10 bakeries and candy shops inspected, 7 were good and 3 were poor, being in an unclean condition. Of 3 hotels inspected, 2 were in good condition and 1 was fair.

HUNTINGBURG, DUBOIS COUNTY: Three restaurants were inspected and were found to be in a fair, poor and bad condition. Two refrigerators were unclean and 2 restaurants were in an unsanitary condition.

INDIANA HARBOR, LAKE COUNTY: One grocery and 1 meat market were found to be in good condition.

INDIANAPOLIS, MARION COUNTY: Four dairies were inspected and were in fair condition. One hundred and three groceries were inspected. The following were excellent: Columbia Grocery Company, N. A. Moore, R. M. Mueller, George Popp and J. T. Powers & Son; 22 were good, 72 fair, 7 poor and 1 in bad condition, being unclean; 83 pounds of candy and 75 pounds of dates were condemned; 77 meat markets were visited, 17 were good, 55 fair, 3 poor and

2 in bad condition; 200 pounds of meat and 400 pounds of mutton were condemned; 54 drug stores were visited, 22 were good, 28 fair and 4 were poor; one gallon fountain syrups was condemned; 29 bakeries and candy shops were inspected, 6 were good, 17 fair, 4 poor and 2 were in a bad condition, being unsanitary; 22 hotels and restaurants were inspected, 4 were classed as good, 10 fair, 6 poor and 2 in a bad condition, due to the general uncleanly conditions.

JASPER, DUBOIS COUNTY: One hotel was inspected and found to be in a good condition.

JEFFERSONVILLE, CLARK COUNTY: Twenty groceries were inspected. Best Bros.' grocery was found to be in excellent condition, 4 were good, 11 fair, 3 poor and 1 bad; 7 meat markets and slaughter houses were inspected; 2 were good, 3 fair and 2 were poor. Of 7 drug stores, 6 were good and 1 was fair. Of 3 bakeries and candy shops, 2 were good and 1 was fair. Of 3 hotels and restaurants, 1 was good, 1 fair and 1 poor.

KIRKLIN, CLINTON COUNTY: One creamery inspected and was found to be in poor condition, and was ordered improved to comply with the law. One slaughter house was ordered improved as to sanitary conditions. Two drug stores were visited and were in good and fair condition.

KOKOMO, HOWARD COUNTY: Seven grocery stores were inspected; 1 was in good condition and 6 were in a fair condition. Of 8 meat markets, 7 were fair and 1 good. Five drug stores were in good condition. Five bakeries and candy shops were visited, 4 were good and 1 was poor, being unventilated, unclean and having a foul refrigerator. Nine hotels and restaurants were visited. The Hotel Francis was in excellent condition, 5 were good, 1 fair and 2 poor.

LAFAYETTE, TIPPECANOE COUNTY: Five groceries were inspected; 4 were in a fair condition and one was good. Five drug stores were inspected; those of Albert H. Kienly and the Lafayette Pharmaceutical Company were in excellent condition, 2 were good and 1 was fair. Two dozen bottles of tomato catsup were condemned.

LAWRENCEBURG, DEARBORN COUNTY: Four dairies were inspected; 1 was in a poor condition, while 3 were rated bad on account of the unsanitary conditions. Seven groceries were inspected; 2 were good, 4 fair and 1 poor. Two meat markets were in good condition. Four drug stores were inspected, of which 3 were good and 1 was fair. Three bakeries and confectioneries were inspected; 2 were good and 1 was fair. Two restaurants were inspected, 1 was good and 1 fair.

LEBANON, BOONE COUNTY: Two groceries were inspected; 1 was good and 1 fair. Three meat markets were good. One slaughter house was ordered improved to comply with the law. Five drug stores were visited; 3 were good and 2 fair. Three bakeries and candy shops were rated as good, fair and poor.

Six hotels and restaurants were inspected, 4 were good and 2 were fair.

LEWIS, VIGO COUNTY: Three groceries were inspected, 2 were good and 1 was fair. One meat market, being very unsanitary, was classed poor.

MITCHELL, LAWRENCE COUNTY: Eleven groceries were inspected, that of Head & Coleman was in excellent condition, 5 were good and 5 fair. Two meat markets and 2 bakeries were in fair condition. Of 4 drug stores, 3 were fair and 1 good. Of 3 restaurants and 1 hotel, 2 were fair and 2 were poor.

MOORESVILLE, MORGAN COUNTY: Of 4 groceries inspected, 1 was good, 1 was fair and 2 were bad, being in an unsanitary condition; the back shop, shelves and counters were unclean.

MULBERRY, CLINTON COUNTY: Three dairies were inspected and all found to be in a bad condition. One creamery and two dairies were ordered improved to comply with the law. Four groceries were inspected and 1 classed good, 1 fair and 2 bad, being unsanitary, badly ventilated and lighted. Four meat markets were visited; 2 were good and 2 fair. One slaughter house was ordered improved to comply with the law. Two drug stores were found to be in a good and fair condition. Two restaurants were in good condition.

MUNCIE, DELAWARE COUNTY: Five groceries were inspected and 1 was good, 3 fair and 1 poor; 15 pounds of dates were condemned. Seven meat markets and slaughter houses were inspected; 2 were good, 4 fair and 1 poor. Two hundred pounds of pork and 75 pounds of beef were condemned. Of three drug stores, 2 were good and 1 was fair. Of 4 bakeries and candy shops, 1 was good and 3 were fair. Of 6 hotels and restaurants, 1 was good, 4 fair and 1 poor.

NEW ALBANY, FLOYD COUNTY: One milk station was found in good condition. Fifty groceries were inspected. The following grocery stores were excellent. The Great Atlantic and Pacific Tea Company, R. L. Grosheider, and August Oetken; 11 were good, 27 fair, 7 poor and 2 were bad. The New Albany Ice Company was in excellent condition. One brewery was in good condition. Of 40 meat markets and slaughter houses, 4 were good, 29 fair, 5 poor and 2 were bad. Of 14 drug stores, those of Chas. B. Dorsey and A. N. Hoover were excellent, 6 were good and 6 were fair. Six bakeries and candy shops were visited; Stein's Bakery was in excellent condition, being sanitary in every respect, 2 were good and 3 fair. Eight hotels and restaurants were inspected, of which 3 were good, 3 fair and 2 were poor, being badly lighted and ventilated and unclean.

NOBLESVILLE, HAMILTON COUNTY: The dairy depot of Harris & Craw was inspected and found to be in excellent condition. Nine groceries were inspected, those of A. D. Conden and Caylor's

being in excellent condition, 3 were good, 3 fair and 1 poor. Of 5 meat markets inspected, 4 were fair and 1 was poor. Five drug stores were inspected, that of C. L. Mitchell being excellent and 4 were good. One bakery is in good condition. Of 3 restaurants, that of John Guinon was excellent, 1 was fair and 1 poor, being in an unclean condition.

NORTH VERNON, JENNINGS COUNTY: Two meat markets were found in a fair and bad condition. The refrigerator was foul, and the general condition was somewhat dirty. Four hotels and 3 restaurants were inspected. The German Hotel was in excellent condition, 2 were good, 2 poor and 2 were bad.

ORANGEVILLE, ORANGE COUNTY: One grocery was inspected and found in good condition.

PALMYRA, HARRISON COUNTY: The Silver Lake Creamery Company was found to be in excellent condition. Two groceries were in a good and fair condition. One confectionery was in a fair condition and one hotel was in good condition.

PAOLI, ORANGE COUNTY: Three dairies were inspected. The Lost River Dairy was in excellent condition. The Paoli Creamery Company was in excellent condition, 1 dairy was good. Seven groceries were inspected; the store of L. H. Buskirk & Bro. was in excellent condition, 5 were good and 1 was fair. One meat market was good. Three drug stores were inspected; the drug store of S. F. Teaford is in excellent condition, 2 were classed good. Five hotels and restaurants were inspected; 3 were good and 2 fair.

PLAINFIELD, HENDRICKS COUNTY: Keagan & Carter's grocery store was found to be in excellent condition. Four meat markets were inspected; 1 was good, 1 fair and 2 were in an unsanitary condition and were classed bad. Three drug stores were inspected; the Plainfield Drug Company was found to be in excellent condition, 1 was fair and 1 was in a poor condition. One bakery was in poor condition. The refrigerator, walls and ceiling were unclean. One restaurant was in good condition. Two slaughter houses were ordered improved.

REGO, ORANGE COUNTY: One grocery was inspected and found to be in good condition.

RICHMOND, WAYNE COUNTY: Nine groceries were inspected; 8 were good and 1 was fair. Eight meat markets and slaughter houses were inspected; 3 were good, 3 fair and 2 were bad and were condemned. Five pounds of old meat were condemned. Nine drug stores were visited; 6 were good and 3 in a fair condition. Three bakeries were visited; 2 were in good condition and one was poor, having foul refrigerator, unclean floor, walls, etc. Five hotels were inspected; 2 were classed good, 2 poor and 1 fair.

RUSHVILLE, RUSH COUNTY: Five groceries were inspected and all found to be in good condition.

One meat market and 3 drug stores were in good condition. One bakery was in poor condition, being badly lighted and ventilated and unclean.

SALEM, WASHINGTON COUNTY: One creamery was examined and found to be in a fair condition. Nine groceries were visited; 5 were good and 4 were fair. Four meat markets were visited; 2 were found to be in good condition and 2 were in a fair condition. Four drug stores were inspected; H. C. Hobbs' drug store was in excellent condition, 2 were in good condition and 1 was fair. One bakery was in fair condition. Seven hotels and restaurants were inspected; 3 were in good condition, 2 were fair and 2 were in a poor condition, having dirty floors and dirty walls and untidy employes.

SEYMOUR, JACKSON COUNTY: Twelve groceries were visited, of which the Model Grocery was rated as excellent, 3 were good, 7 fair and 1 was poor, having unclean back shop and cellar. Twelve meat markets and slaughter houses were inspected; 2 were in good condition, 7 were fair and 3 were in a bad condition and were condemned. Five drug stores were in good condition. Four bakeries and candy shops were inspected; 2 were in good condition and 2 were in fair condition. Six hotels and restaurants were inspected; 4 were in good condition and 2 were in fair condition.

SHELBYVILLE, SHELBY COUNTY: One dairy was inspected and was rated poor on account of the general unsanitary condition. Of 6 groceries inspected, 5 were fair and 1 was poor, being dirty and having an unsanitary refrigerator. Two meat markets and 3 confectionery stores were in fair condition. Three drug stores were inspected; 1 was good and 2 were in fair condition. Two restaurants were inspected; 1 was good and 1 fair, as there is only a board partition part way to the ceiling between the store and living room.

TERRE HAUTE, VIGO COUNTY: Four restaurants were inspected; 1 was in a good condition and 3 were poor, 2 refrigerators being dirty; the floors, walls and ceilings were also dirty.

TIPTON, TIPTON COUNTY: Seven groceries

were inspected; 3 were found to be in good condition and 4 were in a fair condition. Several were in an unclean condition. Three meat markets were inspected, and classed as follows: 1 good, 1 fair and 1 poor. Thirty-five pounds of fish were condemned. Two drug stores were in good condition. Four bakeries and restaurants were visited; 2 were good, 1 fair and 1 bad, being dirty, with spider webs and paper hanging from the walls and ceilings. The refrigerator was also unclean and sewage outlet stopped up.

WEST BADEN, ORANGE COUNTY: Three groceries were visited, of which 2 were in good condition and 1 was in a fair condition, the back shop being dirty. One meat market was in good condition. Four drug stores were inspected; the West Baden Drug Company and the Pera Palace Drug Company were in excellent condition, 1 was in fair condition and 1 was in poor condition, being poorly ventilated and lighted and the cellar unclean. Nine hotels and restaurants were inspected. The New Hotel Sutton was in excellent condition. Three were in good condition, 3 fair and 2 poor, being unsanitary.

WHITESTOWN, BOONE COUNTY: Five groceries were inspected; 1 was good and 4 were in fair condition, having dirty back shops. Two meat markets were in good condition. One drug store was found to be in good condition and 1 restaurant was in fair condition, having unclean walls and ceilings and being badly ventilated and lighted.

WHITING, LAKE COUNTY: Seven groceries were visited and 5 were found to be in good condition, while 2 were only in fair condition. Three meat markets and one drug store were in good condition. Two confectioneries and one bakery were visited. The confectioneries were in good condition, while the bakery was in poor condition, due to the dirty floor, walls and ceiling, table bins and shelves. Two restaurants were inspected; 1 was good and 1 was poor.

ZIONSVILLE, BOONE COUNTY: One restaurant and 1 drug store were in good condition. Two meat markets were in fair condition. Of 2 groceries inspected, 1 was good and 1 was fair, having a dirty refrigerator and back shop.

THE FOLLOWING SUMMARY TABULATES ALL CONDITIONS ABOVE REFERRED TO:

SUMMARY OF INSPECTIONS TO JUNE 1, 1907.

Inspections.	Number Inspected.	Number Excellent.	Number Good.	Number Fair.	Number Poor.	Number Bad.
Dairies.....	61	5	11	27	13	5
Groceries.....	481	17	170	229	52	13
Meat Markets and Slaughterhouses.....	302	6	90	185	23	18
Drug Stores.....	220	11	122	78	9	0
Bakeries and Candy Shops.....	130	4	50	51	19	6
Hotels and Restaurants.....	189	9	67	67	39	7
Bottling Works.....	3			2	1	
Breweries.....	1		1			
Totals.....	1,387	52	511	619	156	49

PROSECUTIONS UNDER THE NEW FOOD AND DRUG LAW.

The following cases have been filed under the new food and drug law: 36 have been tried, and in 21

cases the defendant was found guilty of violation of the law and fined; 2 appeals were taken from the lower court to the circuit court of the county in which the cases were tried, and 37 cases are still in the hands of district prosecuting attorneys.

County.	Lab. No.	Name and Address of Defendant.	Illegal Sale of	Information Filed.	Date of Trial.	Disposition of Case.	
						By the Court.	Final.
Clark	7652	Chas. Hamphere, Jeffersonville.	Frankfurters.	6- -07			
Clark	7637	Danl. Stiemler & Son, Jeffersonville.	Milk.	6- 4-07.			
Clark	7642	W. K. Cooper, Jeffersonville.	Milk.	6- 4-07.			
Delaware	7507	Ed. Goebel & Co., Muncie.	Sausage.	5-23-07.			
Delaware	7509	Ed. Goebel, Muncie.	Hamburger.	5-23-07.			
Delaware	7508	Ed. Goebel, Muncie.	Lard.	5-23-07.			
Delaware	7532	C. W. Palmer, Muncie.	Lard.	5-23-07.			
Delaware	7303	H. C. Adams, Muncie.	Lard.	5-23-07.			
Delaware	7534	O. M. Stewart, Muncie.	Lard.	5-23-07.			
Delaware	7530	Kuhner & Co., Muncie.	Lard.	5-23-07.			
Floyd	7428	J. W. Tipton, New Albany.	Milk.	4-22-07.		Dismissed.	Appealed to City Court
Floyd	7432	John S. Payne, New Albany.	Milk.	4-23-07.		Dismissed.	Appealed to City Court
Grant	7603	Levy Bros., Marion.	Lard.	6- 5-07.			
Grant	7601	A. J. Street, Marion.	Lard.	6- 5-07.			
Grant	7605	Fred & Mason, Marion.	Lime Water.	6- 5-07.			
Grant	7611	C. K. Overman, Marion.	Lime Water.	6- 5-07.			
Grant	7600	A. J. Street, Marion.	Hamburger.	6- 5-07.			
Grant	7598	Geo. Keifer, Marion.	Milk.	6- 5-07.			
Grant	7597	Marion Cold Storage & Ice Cream Co., Marion.	Ice Cream.	6- 5-07.			
Hendricks	7180	Edward D. Crowley, Danville.	Milk.	4- 8-07.	6-12-07.		Settled, \$18.80.
Hendricks	7133	Verl K. Osborn, Plainfield.	Iodine.	6- 4-07.			
Howard	7345	Williams Bros., Kokomo.	Cider Vinegar.	4-22-07.			Settled, \$10 and costs.
Howard	7350	W. J. Webb, Kokomo.	Lard.	4-22-07.			Settled, \$10 and costs.
Howard	7142	Union Dairy Co., Kokomo.	Milk.	4- 6-07.			Settled, \$10 and costs.
Howard	7137	Union Dairy Co., Kokomo.	Milk.	4- 6-07.		Quashed.	Held on other count.
Howard	7143	Union Dairy Co., Kokomo.	Milk.	4- 6-07.		Quashed.	Held on other count.
Howard	7144	Union Dairy Co., Kokomo.	Milk.	4- 6-07.		Quashed.	Held on other count.
Jackson	7562	Louis Heins, Seymour.	Hamburger Steak.	5- 3-07.	5- 4-07.		Settled, \$10 and costs.
Madison	8022	Daniel Kurtz, Alexandria.	Lard.	6- 4-07.			
Madison	7389	Weichner & Arend, Elwood.	Lard.	5-23-07.			
Madison	8175	Fred Alderdorf, Elwood.	Hamburger.	6- 4-07.			
Madison	7388	Jersey Ice Cream Co., Elwood.	Milk.	4-23-07.			
Madison	8026	John P. Downs, Alexandria.	Sausage.				Settled, \$10 and costs.
Madison	7391	W. H. Caven, Elwood.	Pepper.	5-23-07.			
Marion	7002	Mont. Williams, Indianapolis.	Butter.	4- 4-07.	4-24-07.		Discharged.
Marion	7004	Wm. H. Eliker, Indianapolis.	Butter.	4- 4-07.	4-24-07.		Settled, \$10 and costs.
Marion	7998	Chas. Railsback, Indianapolis.	Butter.	4- 4-07.	4-24-07.		Settled, \$10 and costs.
Marion	7108	Mary E. Doolittle, Indianapolis.	Butter.	4- 4-07.	4-24-07.		Settled, \$10 and costs.
Marion	7003	N. B. Groff, Indianapolis.	Butter.	4- 4-07.	5- 1-07.		Settled, \$10 and costs.
Marion	7107	Mrs. E. P. Reidman, Indianapolis.	Butter.	4- 8-07.			
Marion	6979	Frank Gross, Indianapolis.	Maple Sugar.	4- 4-07.	5- 1-07.		Discharged.
Marion	6995	Chas. H. Rinne, Indianapolis.	Maple Sugar.	4- 4-07.	5- 1-07.		Discharged.
Marion	6996	Frank M. White, Indianapolis.	Maple Sugar.	4- 4-07.	5- 1-07.		Discharged.
Marion	7254	Daniel C. Buser, Indianapolis.	Maple Sugar.	4-22-07.	5-10-07.		Discharged.
Marion	7095	Eliiz. M. Berry, Indianapolis.	Maple Sugar.	4- 4-07.	5- 1-07.	Under Advisement.	
Marion	7008	Henry Glick and David Shane, Indianapolis.	Maple Sugar.	4- 4-07.	5- 1-07.	Under Advisement.	
Marion	6977	Henry Glick and David Shane, Indianapolis.	Maple Sugar.	4- 4-07.			
Marion	7248	Wm. H. Burget, Indianapolis.	Black Pepper.	4-22-07.	5- 1-07.		Discharged.
Marion	7339	C. W. Verbarg, Indianapolis.	Po. Cinnamon.	4-22-07.	5- 1-07.		Settled, \$10 and costs.
Marion	7340	J. R. Erganbright, Indianapolis.	Lime Water.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7595	F. P. Jagers, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7389	Andrew Maas, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7422	Chas. H. Cook, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7423	Jno. Bremer, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7392	Schoeider Sisters, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7669	Standard Grocery Co., Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7594	Fred Jaus, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7626	C. Zobbe, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Marion	7587	Chas. Morback, Indianapolis.	Lard.	5-15-07.	5-22-07.		Settled, \$10 and costs.
Monroe	7903	Wm. M. Whisenan, Bloomington.	Milk.	6- 6-07.			
Monroe	7892	Wm. Curry, Bloomington.	Milk.	6- 6-07.			
Rush	7278	Court House Grocery, Rushville.	Vinegar.	4-22-07.			
Rush	7281	J. A. Craig, Rushville.	Vinegar.	4-22-07.			
Rush	7279	J. A. Craig, Rushville.	Allspice.	4-22-07.			
Shelby	7267	O. L. Means, Shelbyville.	Allspice.	4-22-07.	5-17-07.		Discharged.
Shelby	7264	S. C. Goff, Shelbyville.	Vinegar.	4-22-07.	5-17-07.		Discharged.
Shelby	7258	Ernest James, Shelbyville.	Milk.	4-22-07.	5-17-07.		Discharged.

County.	Lab. No.	Name and Address of Defendant.	Illegal Sale of	Information Filed.	Date of Trial.	Disposition of Case.	
						By the Court.	Final.
Shelby	7255	Howard Leap, Shelbyville	Milk	4-22-07	5-17-07		Discharged.
Shelby	7256	Lon Coulston, Shelbyville	Milk	4-22-07	5-17-07		Discharged.
Tipton	7332	The Beeler Co., Tipton	Vinegar	4-22-07			
Vanderburg	7788	Gus Weil, Evansville	Sausage	6-7-07			
Vanderburg	8084	Ed. Waldsmith, Evansville	Hamburger	6-7-07			
Vanderburg	8086	Jacob Folz, Jr., Evansville	Hamburger	6-7-07			
Vanderburg	7801	Louis Schmadel, Evansville	Lard	6-7-07			
Vanderburg	7782	Samuel G. Newman, Evansville	Lard	6-7-07			
Vanderburg	7796	Vickery Bros., Evansville	Lard	6-7-07			

FOODS.

Seven hundred and twenty-four samples of food have been examined since the last report was made. Six hundred and four of these have been pure and 120 adulterated; the percentage of adulteration is 16.6 per cent., a very decided improvement over the percentage of 42.3 per cent. reported in November, 1906. This

remarkable improvement is undoubtedly due to the passage of the new laws and the increased interest taken by retailers in the quality of the goods they are handling.

Of 145 samples of spices analyzed, but 3, or 2 per cent., were found to be impure, while a year ago of 248 samples analyzed, 108, or 43.5 per cent., proved to be adulterated.

BEVERAGES—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Remarks.
7015	Apple Juice			Indianapolis	Pure.
7417	Grape Juice	Unfermented	Freeman Grape Juice Co., Freeman, O.	Indianapolis	Pure.
8008	Malt Ayle		Marshall Bottling Wks., Springfield, Ill.	Shelburn	Pure.
7987	Coffee			Indianapolis	Pure.
7128	Chocolate Syrup		F. P. Pyke	Indianapolis	Pure.
7201	Lemon Juice	Brandt's	C. C. Brandt & Co., Los Angeles	Indianapolis	Pure.
7385	Rock Candy Syrup		Mooney-Mueller Drug Co.	Indianapolis	Pure.
7399	Lemon Syrup		Crown Cordial Extract Co., New York	Indianapolis	Pure.

BEVERAGES—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Remarks.
7182	Strawberry Syrup		Red Cross Drug Store	Greencastle	Illegal, adulterated with salicylic acid.

CANNED VEGETABLES.—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Remarks.
7125	Kidney Beans	French Kidney Beans	Illinois Canning Co., Hoopetown, Ill.	Indianapolis	Pure.
7018	Sweet Corn	Tecumseh	Vincennes Canning Co.	Indianapolis	Pure.
7013	Sweet Corn	Tecumseh	Vincennes Canning Co.	Indianapolis	Pure.
7092	Sugar Corn	Ko-We-Ba	Kothe, Wells & Bauer	Indianapolis	Pure.
7126	Corn	American Corn	Grafton-Johnson, Greenwood	Indianapolis	Pure.
7344	Corn		Williams Bros.	Kokomo	Pure.
7396	Sugar Corn	Naomi	Naomi Canning Co., Edieburg, Ind.	Indianapolis	Pure.

CANNED VEGETABLES—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Remarks.
7361	Corn	Tip Top	Grafton-Johnson Co., Tipton	Fredricksburg	Adulterated with saccharine.
7766	Corn			Indianapolis	Adulterated with saccharine.
7467	Petit Pois		Leuri & Nichol	Indianapolis	Adulterated with saccharine.

CATSUPS—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Benzoate of soda.	Color.	Remarks.
7629	Tomato Ketchup			Danville.	Present.		Adulterated, Starch present.
7947	Chili Sauce	Sunny Side.	Tip Top Ketchup Co., Cincinnati.	Lafayette.	Present.	Coal Tar Dye.	Adulterated, Starch present.
7963	Tomato Catsup.	Alameda.	Alameda Packing Co., Cincinnati.	Frankfort.	Present.	Coal Tar Dye.	Adulterated, Starch and Salicylic Acid
7971	Tomato Ketchup.	Bordeaux.	Van Camp Packing Co., Indianapolis.	Frankfort.	Present.	Natural.	Adulterated, Salicylic Acid.
7982	Tomato Catsup.		Lutz & Schramm Co., Alleghany, Pa.	Lebanon.	Present.	Natural.	Adulterated.

COCOA PRODUCTS—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where collected.	Remarks.
7777	Chocolate		Baker's Hearty Lunch.	Baker's, New York.	Indianapolis.
7776	Homeopathic Cocoa		Fry's	J. S. Fry & Son, England.	Indianapolis.

FLAVORING EXTRACTS.

LEMON FLAVORING EXTRACTS—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Lemon Oil.	Color.
7105	Lemon Extract.	Daisy.	Meyer Bros., St. Louis.		5.1	Colorless.
7107	Lemon Extract.	Perfect.	Meyer Bros., St. Louis.		6.9	
7168	Lemon Extract.	Diadem.	Schnull & Co., Indianapolis.	Martinsville.	5.75	Colorless.
7175	Lemon Extract.	Souders'.	Royal Remedy and Extract Co., Dayton, O.	Martinsville.	6.06	Colorless.
7367	Lemon Extract.		J. H. Conner & Co., New Albany.	New Albany.	7.87	Natural.
7369	Lemon Extract.			New Albany.	4.18	Natural.
7440	Lemon Extract.		Robertson Drug Co.	Salem.	7.06	Not Natural.
7449	Lemon Extract.		A. J. Redding.	A. J. Redding.	5.62	Colorless.
7460	Lemon Extract.		Wm. C. Pfau.	Jeffersonville.	6.25	Natural.
7518	Lemon Extract.	Eddy's Double Strength.	Eddy & Eddy, St. Louis.	Lawrenceburg.	5.62	Colorless.
7557	Lemon Extract.	Double Concentrated.	Jennings Flavoring Co., Grand Rapids.	Mulberry.	*	Colorless.
7559	Lemon Extract.	Pure Concentrated.	L. D. Bryon.	Mulberry.	5.62	Colorless.
7634	Lemon Extract.		Chas. D. Knoefel.	New Albany.	5.37	Natural.
7715	Lemon Extract.		Firchuff Bros.	Whiting.	6.43	Colorless.
7968	Lemon Extract.	Ross Bud.	Norris & Sieger.	Frankfort.	5.87	Artificial.
7983	Lemon Extract.		Campbell & Masters.	Lebanon.	6.68	Natural.

*Labeled correctly "Terpenless."

LEMON FLAVORING EXTRACTS—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Lemon Oil.	Color.	Remarks.
7152	Lemon Extract.	Souders'*	Royal Remedy & Extract Co., Dayton, O.	Indianapolis.	0.18	Naphthol Yellow.	Artificial.
7183	Lemon Extract.		W. W. Jones.	Greencastle.	1.81	Natural.	Below Standard.
7218	Lemon Extract.	Souders'*	Royal Remedy & Extract Co., Dayton, O.	Paoli.	0.0	Naphthol Yellow.	Artificial.
7373	Lemon Extract.		C. D. Knoefel.	New Albany.	0.62		Artificial.
7469	Lemon Extract.		E. R. Webster & Co., Cincinnati.	Indianapolis.	3.50	Naphthol Yellow.	Below Standard.
7470	Lemon Extract.		Lafayette Chemical Wks., La Fayette.	Indianapolis.	0.0	Tropaeolin.	Artificial.
7471	Lemon Extract.			Indianapolis.	0.12	Naphthol Yellow.	Artificial.
7553	Lemon Extract.		Gem Extract Co., Frankfort.	Frankfort.	0.0	Not Natural.	Artificial.
7747	Lemon Extract.		J. F. Bruning & Son.	Evansville.	4.93	Colorless.	Below Standard.
8007	Lemon Extract.		Seeley Mfg. Co., Detroit.	Arcadia.	0.34	Dinitroresol.	Artificial.
7555	Lemon Extract.	Perfection.	W. M. Shafer & Co., Frankfort.	Frankfort.	0.18	Naphthol Yellow.	Below Standard.

*Old brand.

VANILLA EXTRACTS—LEGAL.

Lab. No.	Brand.	Manufacturer.	Where Collected.	Vanillin.	Coumarin.	Caramel.
7021		F. A. Voght.	Indianapolis.	.30	None.	Present.
7031		Louis E. Haag.	Indianapolis.	.0625	None.	Present.
7103	Daisy.		St. Louis.	.10	Present, labeled correctly.	Present.
7104	Perfect.		St. Louis.	.125	None.	Present.
7119		A. G. Baldwin.	Noblesville.	.05		Present.

MISCELLANEOUS EXTRACTS—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Oil.	Color.
7366	Extract Orange		J. H. Conner & Co.	New Albany	6.03	Natural.
7552	Extract Orange	Jos. Strong & Co.'s Real Extract	Terre Haute Coffee & Spice Mills	Frankfort	6.0	Not natural.
7949	Extract Raspberry	Home Extract	Lafayette Chemical Wks.	Lafayette		Properly labeled.

MISCELLANEOUS EXTRACTS—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Remarks.
7584	Strawberry Fruit Flavor	Zipp's Strawberry Fruit Flavor	Zipp Mfg. Co., Cleveland	Mulberry	Benzoic acid. Adulterated.
7934	Raspberry Extract		C. F. Hurley, Lafayette	Lafayette	(not an extract.)

FRUIT BUTTERS—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Remarks.
7102	Apple Butter	Home Made		Earl Park	No copper.
7383	Apple Butter	Rambo Apple Butter	Standard Grocery Co.	Indianapolis	Pure.
7561	Imitation Apple Butter		E. G. Dailey Co., Detroit	Mulberry	Properly labeled.
7687	Apple Butter			Indianapolis	Pure.

HONEY—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Remarks.
7055	Honey		W. S. Frazier	Indianapolis	Pure.
7994	Pure Honey	York's	Geo. W. York & Co., Chicago	Frankfort	Pure.
8118	Honey			Indianapolis	Pure.
8119	Honey			South Bend	Pure.

LARD—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer.	Where Collected.	Butyro Reading at 40° C.	Halphen Test.	Beef Fat.	
7195	Lard			Seymour	51.0	Negative	Absent.	
7588	Lard		Kingan & Co.	Indianapolis	50.8	Negative		
7342	Lard		McKee & Rule	Kokomo	50.25	Negative		
7346	Lard		Walter Ervington	Kokomo	50.50	Negative		
7347	Lard		McCaffery Bros.	Kokomo	49.40	Negative		
7380	Lard		Indianapolis Abattoir	Indianapolis	50.30	Negative		
7381	Lard			Indianapolis	48.50	Negative		
7394	Lard		Chas. Wilson	Elwood	50.1	Negative		
7395	Lard		Bicknell & Mahon	Elwood	49.7	Negative		
7407	Lard	Reynolds'	Edw. P. Reynolds, Indianapolis	Indianapolis	50.4	Negative		
7413	Lard	Simmendinger's	John P. Simmendinger's, Indianapolis	Indianapolis	50.3	Negative		
7585	Lard		Coffin & Fletcher Co., Indianapolis	Indianapolis	50.2	Negative		
7596*	Lard		Albert Worm, Indianapolis	Indianapolis	52.5	Cottonseed oil 15%		
7822	Lard		Mrs. F. D. Smith	Indianapolis	50.4	Negative		Absent.
7623	Lard	100%	H. H. Meyer	Indianapolis	50.3	Negative		Absent.
8049	Lard		Hilgenier, Indianapolis	Indianapolis	51.6	Negative	Absent.	

*As represented.

LARD—ILLEGAL.

Lab. No.	Article.	Dealer.	Where Collected.	Butyro Reading at 40° C.	Halphen Test for Cotton Seed Oil.	Beef Fat.
7760	Lard	Louis Cornet	Indianapolis	50.7	30%	Present.
7350	Lard	W. J. Webb	Kokomo	50.8	15%	
7377	Lard	New York Store	Indianapolis	50.1	10%	
7625	Lard		Indianapolis	50.2	Negative	Present.
7795	Lard	Vickery Bros	Evansville	55.0	40%	Present.
8050	Lard		Indianapolis			Present.
7595	Lard	F. P. Jagers	Indianapolis	49.0	Negative	Present.
7589	Lard	Andrew Maas	Indianapolis	50.0	Negative	Present.
7422	Lard	Chas. H. Cook	Indianapolis	52.9	30%	
7423	Lard	Jno. Brenner	Indianapolis	53.2	30%	
7592	Lard	Schneider Sisters	Indianapolis	50.4	15%	Present.
7669	Lard		Indianapolis	50.4	10%	Present.
7594	Lard	Fred Jaus	Indianapolis	50.5	Negative	Present.
7626	Lard	C. Zobbe	Indianapolis	49.3	Negative	Present.
7587	Lard	Chas. Morback*	Indianapolis	49.8	Negative	Present.
7508	Lard	Ed. Coebel	Muncie	49.6	Negative	Present.
7532	Lard	G. W. Palmer	Muncie	49.0	3%	Present.
7503	Lard	H. C. Adams	Muncie	49.5	3%	Present.
7534	Lard	O. M. Stewart	Muncie	51.8	15%	Present.
7530	Lard	Kuhner & Co.	Muncie	51.8	15%	Present.
8022	Lard	Daniel Kurts	Alexandria	51.3	Negative	Present.
7389	Lard	Weichner & Arend	Elwood	51.2	15%	
7801	Lard	Louis Schmadel	Evansville	50.8	Negative	Present.
7762	Lard	Samuel G. Newman	Evansville	45.5	Negative	Present.
7796	Lard	Vickery Bros	Evansville	51.3	Negative	Present.
7603	Lard	Levey Bros	Marion	50.1	Negative	Present.
7601	Lard	A. J. Street	Marion	52.4	25%	Present.
7850	Lard	John Lesniak	East Chicago	53.1	40%	Present.
7853	Lard	W. R. Diamond	East Chicago	51.1	Negative	Present.
7854	Lard	Steenbergen	Indiana Harbor	50.0	Negative	Present.
7857	Lard	J. J. Koch	Indiana Harbor	51.3	Negative	Present.
7860	Lard	Welhey & Banett	Indiana Harbor	50.9	Negative	Present.
7862	Lard	G. L. Eisler	Indiana Harbor	51.7	Negative	Present.
7674	Lard	W. G. Beiriger	Hammond	50.1	Negative	Present.
7699	Lard	Max Nesch	Hammond	50.4	Negative	Present.
7670	Lard	G. A. Dobbins	Hammond	49.5	Negative	Present.
7677	Lard	J. J. Austgen	Hammond	50.0	Negative	Present.
7679	Lard	F. Kunsmann	Hammond	49.7	15%	Present.
7682	Lard	H. G. Vlier	Hammond	52.4	25%	Present.
7684	Lard	Chas. Berendt	Hammond	53.0	30%	Present.

*Guaranteed to Morback to be pure by Wm. Roth Co., Cincinnati, Manufacturers

LEAVENING PRODUCTS.

BAKING POWDER—LEGAL.

Lab. No.	Brand.	Manufacturer or dealer.	Where collected.	Available carbon dioxide.	Remarks.
7353	Sample	W. J. Webb	Kokomo	12.04	Alum-phosphate powder. Pure.
7521	Stockman's	Omer Stockman	Lawrenceburg	12.78	Alum powder. Pure.

CREAM TARTAR—LEGAL.

Lab. No.	Dealer.	Where collected.	Per cent. purity.
7386	J. J. Keene	Indianapolis	100.0
7388	Fisher's Pharmacy	Indianapolis	100.0
7390	Chas. Hook	Indianapolis	99.0
7392	Wm. H. Baird	Indianapolis	99.5
7538	J. R. Ergenbright	Indianapolis	99.9
7607	C. H. Overman	Marion	99.0
7617	Hildebrand & Ansley	Marion	99.0
7633	J. W. Hoover	Jeffersonville	100.0
7645	Ben Doolittle	Jeffersonville	100.0
7720	Fred M. Petersheim	Evansville	98.0
7732	Gottman Drug Co.	Evansville	98.0
7744	J. F. Bomm Drug Co.	Evansville	99.0
7753	L. C. Bomm Drug Co.	Evansville	97.0
7997	Siess Bros	Arcadia	97.4
8001	Siess Bros	Arcadia	97.6

BICARBONATE SODA—LEGAL.

Lab. No.	Dealer.	Where collected.	Per cent. purity.
8006	Liess Bros.	Arcadia	98.6

MAPLE PRODUCTS.

MAPLE SYRUP—LEGAL.

Lab. No.	Brand.	Manufacturer	Where collected.	Ash.	Alkalinity of Ash.	Direct Polarization.	Invert Polarization.	Sucrose.
6981	Maple Syrup	Mr. Lee, Bedford	Indianapolis	.570	1.00	+64.2	-20.2	63.9
7024		E. M. Blessing	Danville	.740	1.08	+60.4	-22.2	62.6
7025		C. M. Gentry	Noblesville	.868	1.33	+58.2	-20.2	59.4
7032		McClintoc	Noblesville	.950	1.36	+53.2	-21.0	56.2
7115		Grant Isanogle	Muncie	1.124	1.32	+64.8	-19.8	64.0
7190		A. A. Zion	Indianapolis	.894	1.08	+58.8	-22.2	60.9
7212	Gilt Edge	J. F. Corcoran	Indianapolis	.60	.80	+6.30	-22.0	63.4
7382		N. M. Moore Grocery Co.	Indianapolis	.774	1.32	+62.8	-33.0	72.6
7466	Premier	J. H. Groeshider	New Albany	.578	.96	+53.2	-16.8	52.2
7628		Moore Grocery Co.	Indianapolis	.900	1.36	+56.2	-28.2	66.6
7689		Chas. Tyndall	Greenfield	.72	1.48	+26.0	-15.4	33.4

MAPLE SYRUP—ILLEGAL.

7360	Michigan Maple Syrup	F. N. Linder	Indianapolis	.426	.56	+81.6	+41.8	31.5
7393	Maple Leaf	New York Store	Indianapolis	.312	.48	+126.0	+112.4	10.3

MAPLE SUGAR—LEGAL.

Lab. No.	Brand.	Dealer or Manufacturer.	Where collected.	Ash.	Alkalinity of Ash.	Direct Polarization.	Invert Polarization.	Sucrose.
6975		Chas. Railsback	Indianapolis	1.360	1.92	+59.6	-23.2	62.7
6976		E. A. Shultz	Indianapolis	2.040	2.20	+63.4	-28.6	69.7
6978		H. E. Herman	Indianapolis	.750	.76	+87.0	-17.6	79.3
7007		Chas. Railsback	Indianapolis	1.240	1.80	+83.2	-28.6	84.7
7109		Moore Grocery Co.	Indianapolis	1.426	1.88	+87.6	-18.5	60.3
7160		J. Mellvain	Martinsville	1.480	1.04	+76.0	-26.6	77.1
7165		J. W. Lewis	Martinsville	1.400	1.36	+86.0	-30.0	87.2
7217		S. J. Halbert	Orleans	4.018	5.20	+76.0	-27.6	78.4
7235		R. M. Mueller	Indianapolis	1.320	2.00	+63.4	-25.6	82.5
7314				1.100	1.64	+80.4	-27.6	81.8

MAPLE SUGAR—ILLEGAL.

6979		Frank Gross*	Indianapolis	.600	.68	-77.6	-27.1	79.3
6980	A. Candy	Navin's Drug Store	Indianapolis	1.195	.79			
6993	A. M. Co.	Gus Hauck*	Indianapolis	.630	.68	+86.6	-13.8	75.1
6994		Standard Grocery Co.	Indianapolis	.200	.96	+89.4	-32.1	82.0
6995		Charles H. Rinne*	Indianapolis	.900	.68	+77.2	-24.6	77.1
6996		Frank M. White*	Indianapolis	.600	.64	+83.8	-28.6	85.1
7018		Gus Hauck*	Indianapolis	.452	.60	+86.6	-12.6	75.1
7019		H. F. Nierman	Indianapolis	.430	.64	+89.0	-13.4	77.6
7033	Block Sugar	Deck Bros.	Noblesville	.694	.76	+81.0	-12.24	70.7
7094	Manhattan Block Sugar	Frank Gross*	Indianapolis	.612	.76	+86.4	-33.0	90.4
7171		Robt. P. Woods	Martinsville	.830	.48	+110.0	-21.8	90.2
7254		Daniel L. Buser*	Indianapolis	.110	.12	+101.0	-11.8	84.1
7454		Gus A. Schimpff	Jeffersonville	.718	.76	+93.0	-24.8	89.2
7543			Indianapolis	.544	.72	+96.4	-0.0	73.0
7545			Indianapolis	.440	.66	+83.6	-28.8	85.1

*This sugar was part of a carload damaged in shipment and sold by the Railroad Company as pure maple sugar.

MEAT PRODUCTS.

Bologna—LEGAL.

Laboratory Number.	Article.	Manufacturer.	Retailer.
7575	Bologna	Kingan & Co.	Louis Heins, Seymour.
7578	Bologna	Louis Heins	Louis Heins, Seymour.
7861	Bologna		Welhey & Banett, Indiana Harbor.
7956	Bologna	Hugh Bowen	Hugh Bowen, Lebanon.

BONELESS HAM—LEGAL.

7849	Boneless Ham		John Lesniak, East Chicago.
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HAMBURGER STEAK—LEGAL.

Lab. No.	Article.	Manufacturer.	Retailer.	Where Collected.	Borax.	Sodium Sulphite.
7406	Hamburger	Bills & Boettcher	Otto Boettcher	Indianapolis		
7415	Hamburger	Piper & Wright	Chester E. Wright	Indianapolis	Absent	Absent
7420	Hamburger	All. T. Baumb	All. T. Baumb	Indianapolis	Absent	Absent
7424	Hamburger	Henry Coleman	Henry Coleman	Indianapolis	Absent	Absent
7593	Hamburger	Fred Jans	Fred Jans	Indianapolis	Absent	Absent
7855	Hamburger		Steenbergen	Indiana Harbor	Absent	Absent
7905	Hamburger	Wm. Bofford	Wm. Bofford	Bloomington	Absent	Absent
7907	Hamburger	Ben. S. Rogers	Ben. S. Rogers	Bloomington	Absent	Absent
7977	Hamburger	Andrew Overless	Andrew Overless	Frankfort	Absent	Absent
8083	Hamburger	Aug. Wessel	Aug. Wessel	Evansville	Absent	Absent

HAMBURGER STEAK—ILLEGAL.

7565	Hamburger	Louis Heins	Louis Heins	Seymour	Absent	Present
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SAUSAGES—LEGAL.

7390	Sausage		Weichner & Arand	Elwood	Absent	Absent
7396	Sausage		Bicknell & Mahan	Elwood	Absent	Absent
7502	Sausage		H. C. Adams	Muncie	Absent	Absent
7403	Sausage	Sindlinger Co.	Ed. D. Donner, Restaurant	Indianapolis	Absent	Absent
7404	Sausage	Albert R. Worm	Frank S. Born	Indianapolis	Absent	Absent
7405	Sausage	Bills & Boettcher	Otto Boettcher	Indianapolis	Absent	Absent
7409	Sausage	Edw. P. Reynolds	Edw. P. Reynolds	Indianapolis	Absent	Absent
7410	Sausage	Louis Yorger	Fred Yorger	Indianapolis	Absent	Absent
7411	Sausage	Bogart & Frost	James Whiteley	Indianapolis	Absent	Absent
7412	Sausage	Patrick Martin	Horace Brandenburg	Indianapolis	Absent	Absent
7414	Sausage	Albert Worm	Chester E. Wright	Indianapolis	Absent	Absent
7419	Sausage	Wm. S. Bittrich	Chas. Rights, Market House	Indianapolis	Absent	Absent
7421	Sausage	Geo. C. Woessner	Geo. C. Woessner	Indianapolis	Absent	Absent
7425	Sausage	Henry Coleman	Henry Coleman	Indianapolis	Absent	Absent
7426	Sausage	Herman Volleath	Herman Volleath	Indianapolis	Absent	Absent
7427	Sausage	Wm. S. Baim	Wm. S. Baim	Indianapolis	Absent	Absent
7531	Sausage	Kuhner & Co.	Theo. Thomas	Muncie	Absent	Absent
7533	Sausage		G. W. Palmer	Muncie	Absent	Absent
7535	Sausage		O. M. Palmer	Muncie	Absent	Absent
7590	Sausage	Jacobi & Maas	Andrew Maas	Indianapolis	Absent	Absent
7591	Sausage		Schneider Sisters	Indianapolis	Absent	Absent
7602	Sausage	Chas. Levey Sons	Levey Bros	Marion	Absent	Absent
7624	Sausage	Unsevar	F. E. Luedeke	Indianapolis	Absent	Absent
7627	Sausage	Kingan & Co.	C. Zobbe	Indianapolis	Absent	Absent
7650	Sausage	Heckel & Hampel	Heckel & Hampel	Jeffersonville	Absent	Absent
7671	Sausage	Swift & Co.	G. A. Dobbins	Hammond	Absent	Absent
7683	Sausage		H. G. Vier	Hammond	Absent	Absent
7800	Sausage		S. M. Hauseman	Evansville	Absent	Absent
7803	Sausage		G. L. Eister	Indiana Harbor	Absent	Absent
7906	Sausage	Wm. Bofford	Wm. Bofford	Bloomington	Absent	Absent
7908	Sausage	B. S. Rogers	B. S. Rogers	Bloomington	Absent	Absent
7985	Sausage	Alva F. Shirley	Alva F. Shirley	Lebanon	Absent	Absent
8024	Sausage	D. Kurts	D. Kurts	Alexandria	Absent	Absent
8025	Sausage	D. Kurts	D. Kurts	Alexandria	Absent	Absent
8055	Sausage		A. H. Eisterhold	Evansville	Absent	Absent
8087	Sausage	Evansville Packing Co.	Jacob Fols, Jr.	Evansville	Absent	Absent
8132	Sausage		J. M. Kenady	Irvington	Absent	Absent

WEINERWURST—LEGAL.

Lab. No.	Article.	Manufacturer.	Retailer.	Borax.	Sodium Sulphite.
7654	Weinerwurst.....	Anton Stolle.....	Anton Stolle.....	Absent.....	Absent.....
7656	Weinerwurst.....	B. Heller & Co.....	Richmond Abattoir.....	Absent.....	Absent.....
7681	Weinerwurst.....	.....	F. Kunsmann.....	Absent.....	Absent.....
7978	Weinerwurst.....	Andrew Overless.....	Andrew Overless.....	Absent.....	Absent.....
8025	Weinerwurst.....	F. M. St. Clair.....	J. H. O'Bryant.....	Absent.....	Absent.....

MISCELLANEOUS MEATS—LEGAL.

Lab. No.	Article.	Manufacturer.	Retailer.	Borax.	Sodium Sulphite.
7586	Liver Pudding.....	Kingan & Co.....	Thos. A. Hendrickson.....	Absent.....	Absent.....
7685	Cornbeef.....	.....	Chas. Berendt.....	Absent.....	Absent.....
7700	Veal Loaf.....	Oscar Mayer.....	Max Noach.....	Absent.....	Absent.....
7858	Bacon.....	.....	J. J. Koch.....	Absent.....	Absent.....

BUTTER.

BUTTER—LEGAL.

Lab. No.	Dealer.	Where Collected.	Butyro Reading at 40° C.	Reichert-Meißel Number.	Cotton Seed Oil.
6997	J. M. Curvin & Son.....	Indianapolis.....	42.15	23.4	None.
6999	Columbia Grocery Co.....	Indianapolis.....	42.60	23.6	None.
7000	.....	Indianapolis.....	41.00	25.2	None.
7001	Mrs. M. J. Gurley.....	Indianapolis.....	42.35	24.8	None.
7005	J. M. Williamson.....	Indianapolis.....	42.70	22.8	None.
7006	Standard Tea & Coffee Co.....	Indianapolis.....	43.00	22.8	None.
7009	Cook Co.....	Indianapolis.....	40.30	31.4	None.
7017	C. H. & E. H. Schrader.....	Indianapolis.....	41.40	24.2	None.
7026	.....	Indianapolis.....	42.00	23.6	None.
7054	Glick Sons.....	Indianapolis.....	42.00	22.2	None.
7056	F. G. Chadwick.....	Indianapolis.....	42.85	19.8	None.
7060	Stand No. 14 Market House.....	Indianapolis.....	42.40	24.8	None.
7061	Stand No. 248 Market House.....	Indianapolis.....	42.45	23.0	None.
7062	Stand No. 75 Market House.....	Indianapolis.....	41.90	25.0	None.
7063	Cobb & Tracy.....	Indianapolis.....	43.15	22.0	None.
7064	W. W. Day.....	Indianapolis.....	41.75	24.4	None.
7065	E. V. Darnell.....	Indianapolis.....	42.30	23.0	None.
7067	Mrs. S. M. Miller.....	Indianapolis.....	41.70	24.0	None.
7075	Benj. C. Swan & Son.....	Indianapolis.....	42.80	24.4	None.
7076	Harry A. Marley.....	Indianapolis.....	42.80	24.4	None.
7110	Moore Grocery Co.....	Indianapolis.....	43.00	19.4	None.
7111	B. B. Pettit.....	Anderson.....	41.60	23.8	None.
7124	Gus Vergang.....	Indianapolis.....	43.00	23.4	None.
7197	.....	Thorntown.....	42.30	.....	None.
7300	Bee Hive Grocery Co.....	Richmond.....	43.00	26.6	None.
7301	Richmond Cream Co.....	Richmond.....	43.00	26.12	None.
7468	.....	Indianapolis.....	42.80	28.68	None.
7623	Mrs. F. T. Smith.....	Indianapolis.....	43.35	23.4	None.
7667	Louis Valnitz.....	Indianapolis.....	41.90	27.6	None.
7668	A. Spreng.....	Indianapolis.....	41.00	26.8	None.

BUTTER—ILLEGAL.

Lab. No.	Dealer.	Where Collected.	Butyro Reading at 40°.	Reichert-Meißel.	Halphen Test.
6984	J. M. Williamson.....	Indianapolis.....	42.50	19.0	None.
6985	.....	Indianapolis.....	49.10	2.0	30%.
6998	Chas. Railsback.....	Indianapolis.....	48.05	5.6	20%.
7002	Mont. Williamson.....	Indianapolis.....	48.65	.66	20%.
7004	Wm. H. Eiker.....	Indianapolis.....	49.50	1.23	30%.
7108	Mary E. Doolittle.....	Indianapolis.....	48.20	6.4	15%.

CREAM.

CREAM—ILLEGAL.

Lab. No.	Retailer.	Where collected.	Fat.	Remarks.
7112	James Gaul.....	Anderson.....	16.0	Adulterated and below standard.
7296	Richmond Cream Co.....	Richmond.....	18.5	Guaranteed to be 20 %.
7495	W. N. Trullender.....	Muncie.....	17.0	Below standard.
7542		Indianapolis.....	16.1	Below standard.

CONDENSED MILK.

CONDENSED MILK—LEGAL.

Lab. No.	Brand.	Manufacturer.	Where collected.	Solids.	Fat.	Ash.	Fat in Original Milk.	Times Condensed.
7771	Highland.....	Helvetia Cond. Milk Co., Highland, Ills.	Indianapolis.....	31.5	9.0	1.5	4.20	2.14
7773	Van Camp's.....	Van Camp Packing Co., Indianapolis...	Indianapolis.....	32.0	8.0	1.5	3.74	2.14
7774	Star.....	Michigan Cond. Milk Co., New York...	Indianapolis.....	29.8	7.7	1.5	3.62	2.14
7775	Pet.....	Helvetia Cond. Milk Co., Highland, Ills.	Indianapolis.....	29.5	8.0	1.5	3.74	2.14
7779	Modimilk.....	Inland Milk Lab. Co.....	Indianapolis.....	42.5	1.4	1.2	7.77	1.80

ICE CREAM.

ICE CREAM—LEGAL.

Lab. No.	Manufacturer.	Where collected.	Fat %.	Milk Solids.
7080	R. W. Furnas.....	Indianapolis.....	8.0	9.53
7198	Floyd Marshall.....	Martinsville.....	8.0	19.84
7317		Huntington.....	9.2	22.79
7318		Huntington.....	16.0	
7399	Jersey Creamery Co.....	Elwood.....	9.0	
7452		Plainfield.....	12.0	
7496	J. R. Hummel.....	Muncie.....	11.0	
7497	Chas. E. Hinkley.....	Muncie.....	11.0	
7498	D. P. Campbell.....	Muncie.....	8. +	
7989	R. W. Furnas.....	Indianapolis.....	8.4	
8167	Purity Ice Cream Co.....	Evansville.....	8.8	27.26
8168	Evansville Pure Milk Co.....	Evansville.....	8.3	28.994

ICE CREAM—ILLEGAL.

Lab. No.	Manufacturer.	Where collected.	Fat %.	Milk Solids.	Remarks.
7057		Indianapolis.....	6.4		Below standard.
7058		Indianapolis.....	6.9		Below standard.
7059		Indianapolis.....	6.0		Below standard.
7068		Indianapolis.....	6.0		Below standard.
7069		Indianapolis.....	6.8		Below standard.
7070		Indianapolis.....	7.0		Below standard.
7071		Indianapolis.....	6.0		Below standard.
7078		Indianapolis.....	7.0		Below standard.
7079		Indianapolis.....	6.0		Below standard.
7097		Indianapolis.....	6.0		Below standard.
7127		Indianapolis.....	7.2	22.80	Below standard.
7132	Sanders Smith.....	Plainfield.....	3.5	4.93	Much below standard.
7191		Indianapolis.....	6.8		Much below standard.
7192		Indianapolis.....	6.8		Much below standard.
7316		Huntington.....	4.4	14.68	Much below standard.
7319		Huntington.....	4.4	19.22	Low in fat contents.
7546		Indianapolis.....	6.2		Below standard.
8068	Evansville Pure Milk Co.....	Evansville.....	5.4		Below standard.

MILK.

MILK—LEGAL.

Lab. No	Manufacturer or Dealer.	Where collected.	Fat.	Preservatives.
7016		Indianapolis	3.6	None.
7043		Indianapolis	4.1	None.
7096		Columbus	9.	None.
7138	Clover Leaf Creamery Co	Kokomo	3.3	None.
7139	Clover Leaf Creamery Co	Kokomo	3.3	None.
7140	Union Dairy Co	Kokomo	3.6	None.
7141	Union Dairy Co	Kokomo	3.8	
7145	Clover Leaf Creamery Co	Kokomo	3.6	
7146	Clover Leaf Creamery Co	Kokomo	3.8	
7147	Union Dairy Co	Kokomo	9.8	
7148	Union Dairy Co	Kokomo	11.8	
7176	H. T. Pearey	Martinsville	3.8	None.
7177	Sherman & Woodard	Martinsville	3.8	None.
7178	W. J. Harrison	Martinsville	3.8	None.
7196		Columbus	3.5	None.
7257	J. C. Benefield	Shelbyville	3.8	None.
7259	H. Jamison	Shelbyville	4.2	None.
7260	Mrs. Matilda Schoelch	Shelbyville	6.7	None.
7286	J. S. Cassady	Rushville	6.0	None.
7288	J. S. Cassady	Rushville	4.2	
7289	Omar Blackledge	Rushville	4.4	
7292	Greenwood Dairy	Richmond	3.9	None.
7293	Richmond Cream Co	Richmond	4.4	None.
7294	A. B. Carman	Richmond	3.8	None.
7297	J. L. Batchelor	Richmond	4.0	None.
7298	E. M. Moore	Richmond	3.8	None.
7299	Jno. Burns	Richmond	4.8	None.
7333	McQuad & Tebbe	Tipton	3.5	None.
7334	W. L. Mork	Tipton	3.5	None.
7335	John F. Tebbe	Tipton	4.3	None.
7337	T. A. Ruse	Kokomo	4.0	None.
7341	McKee & Rule	Kokomo	3.8	None.
7352	W. J. Webb	Kokomo	3.8	None.
7379		Columbus	3.9	None.
7386	J. H. Juday	Elwood	3.3	
7387	Lee Hiatt	Elwood	4.2	
7397	Smith Tomlinson	Elwood	4.1	
7418		Richmond		None.
7429	C. A. Cullough	New Albany	4.4	None.
7430	Paul Argo	New Albany	3.6	None.
7472		South Bend	3.7	None.
7473		South Bend	3.5	None.
7474		South Bend	3.4	None.
7475		South Bend	3.8	None.
7478		South Bend	3.8	None.
7477		South Bend	4.1	None.
7478		South Bend	4.0	None.
7479		South Bend	4.0	None.
7480		South Bend	3.4	None.
7481		South Bend	3.8	None.
7488	Raymond Meeker	Muncie	4.0	None.
7489	Kyle Stradling	Muncie	5.8	None.
7490	Geo. H. Kirk	Muncie	3.4	None.
7491	The Campbell Pasteurizing Milk Co	Muncie	3.5	None.
7492	William Richey	Muncie	3.4	None.
7493	John Thomas	Muncie	4.2	None.
7494	W. W. Thomas	Muncie	3.8	None.
7513	Ira Cornelius	Lawrenceburg	4.4	None.
7514	G. A. Deitrich	Lawrenceburg	3.7	None.
7515	W. P. Squibbs & Co	Lawrenceburg	3.8	None.
7516	J. B. Hayes	Lawrenceburg	3.3	None.
7580		Columbus	3.7	
7582		Columbus	4.2	
7583		Columbus	3.5	
7599	D. Carey	Marion	6.2	None.
7635	John E. Worrell	Jeffersonville	4.2	None.
7636	James P. Baird	Jeffersonville	3.4	None.
7638	Chas. E. Long	Jeffersonville	3.6	None.
7639	Herman Becker	Jeffersonville	4.0	None.
7640	D. F. Stemlar	Jeffersonville	3.8	None.
7641	Chris. Meyer	Jeffersonville	3.4	None.
7643	Henry Stemlar	Jeffersonville	3.4	None.
7657		Linton	3.6	None.
7660	O. J. Wittner	South Bend	3.8	
7662	Chas. Kollar	South Bend	4.2	
7663	Jesse Rough	South Bend	3.6	
7664	David Howblitzel	South Bend	3.6	
7665	Wm. Korn	South Bend	3.7	
7690	Ernest Fruehling	Hammond	3.4	

MILK—LEGAL—Continued.

Lab. No.	Manufacturer or Dealer.	Where collected.	Fat	Preservatives.
7691	Ernest Fruehling	Hammond	3.2	
7693	Martin Walter	Hammond	3.80	
7694	L. Elster	Hammond	4.20	
7696	Wm. Knoff	Hammond	3.8	
7697	A. Krull	Hammond	3.80	
7698	B. Schiesser	Hammond	3.90	
7705		South Bend	3.9	
7706		South Bend	4.1	
7707		South Bend	3.5	
7708		South Bend	3.85	
7709		South Bend	3.70	

Lab. No.	Manufacturer or Dealer.	Where Collected.	Fat.
7710		South Bend	3.5
7824	E. C. Brown	Whiting	3.5
7825	C. Stewart	Whiting	3.4
7826	Chas. Pinks	Whiting	3.4
7827	O. M. & B. J. Wedman	Whiting	3.6
7845	Melchor Rychwalski	East Chicago	3.6
7847	S. T. Johnson	East Chicago	3.6
7848	Frank Zurat	East Chicago	4.3
7893	C. C. Faris	Bloomington	5.0
7894	Russell & Kerr	Bloomington	4.6
7895	Harvey Smith	Bloomington	5.4
7896	M. H. Kennedy	Bloomington	4.6
7897	Wm. Smith	Bloomington	3.8
7898	Agnes Latimer	Bloomington	4.5
7899	Richard Hinton	Bloomington	4.8
7900	J. W. Barclay	Bloomington	4.1
7901	T. N. Faris	Bloomington	4.1
7902	Jas. R. Kennedy	Bloomington	4.5
7904	Wm. A. Hamilton	Bloomington	5.4
7916	John H. Bright	Bedford	4.0
7918	Pine Hill Dairy Co.	Bedford	3.2
7919	Hill Top Dairy Co.	Bedford	3.6
7920	Wm. H. Brooking	Bedford	4.0
7921	Robt. Mitchell	Bedford	3.6
7922	Albert Lucas	Bedford	3.5
7923	Frank Holby	Bedford	5.0
7924	Robt. Duncan	Bedford	4.5
7925	Martha Giger	Bedford	3.8
7926	Lottie Hitchcock	Bedford	3.6
7927	Jos. Dusard	Bedford	3.5
8029	Wm. H. Swallow	Evansville	3.4
8030	John G. Herman	Evansville	4.0
8031	John Herman	Evansville	4.3
8032	Brandenberger Bros.	Evansville	3.2
8033	Tony Mathews	Evansville	3.3
8034	J. M. Killian	Evansville	4.1
8035	Kunzer & Huck	Evansville	3.6
8036	Evansville Pure Milk Co.	Evansville	3.7
8037	Fred Dickmann	Evansville	3.6
8038	Anthony Heesdink	Evansville	3.8
8039	Thomas Shields	Evansville	3.2
8040	Geo. Wallenmeyer, Jr.	Evansville	3.7
8042	L. A. Guenther	Evansville	3.5
8043	Aichley Bros.	Evansville	3.7
8044	Geo. Behme & Co.	Evansville	4.6
8095	W. F. Chaney	Evansville	4.5
8096	L. E. Lamb & Son	Evansville	4.5
8097	F. H. Wilke & Son	Evansville	3.4
8105	B. Troup	South Bend	5.6
8106	J. N. Luther	South Bend	4.7
8107	O. J. Wittner	South Bend	4.1
8109	O. J. Howblitzel	South Bend	3.3
8110	P. R. Harding	South Bend	4.2
8111	Geo. Reaves	South Bend	4.5
8112	M. W. Hicks	South Bend	4.4
8113	S. J. Bowman	South Bend	4.0
8114	W. T. Feiden	South Bend	3.9
8133	James Zook	Indianapolis	4.2
8159	Jno. L. Herrmann	Evansville	3.54
8160	Pure Milk Co.	Evansville	3.63
8161	Mrs. Lena Snider	Evansville	4.75
8162	Geo. Hitch	Evansville	3.09
8163	Albert Guenther	Evansville	4.0
8164	H. Schrotter	Evansville	4.6
8166	Wm. Hitch	Evansville	4.0

MILK—LEGAL—Continued.

Lab. No.	Manufacturer or Dealer.	Where Collected.	Fat.
8063	Aug. Steinmats	Evansville	4.0
8064	Fred Schlansker	Evansville	4.2
8065	Jellett Colton, Jr.	Evansville	4.7
8066	John Harmony	Evansville	4.1
8067	O. P. Ruston	Evansville	3.5
8069	Brandenberger Bros.	Evansville	3.8
8070	John Shafer	Evansville	3.1
8071	John Colton	Evansville	3.6
8072	Edmund Winegar	Evansville	4.0
8073	C. E. Kratz	Evansville	4.0
8075	Farny	Evansville	4.1
8076	Chas. Korrrf	Evansville	4.1
8077	Phillip Market	Evansville	4.6
8078	Volkmaron	Evansville	4.5
8079	Jno. Stacer	Stacer	3.9
8080	Wm. Sensmier	Evansville	3.9
8081	J. Martin	Evansville	3.9

MILK—ILLEGAL.

Lab. No.	Manufacturer or Dealer.	Where Collected.	Solids.	Fat.	Ash.	Preservatives.	Remarks.
7116	J. E. Martin, Restaurant	Kokomo	5.00 %	6 %	.360%	None	Skimmed; watered; full of dirt
7137	J. E. Martin	Kokomo	7.80 %	1.4 %			Watered, also contained dirt
7142	Fred Smith	Kokomo	11.30 %	2.8 %			Skimmed.
7143	Fred Smith	Kokomo	11.11 %	2.4 %			Skimmed.
7144	Fred Smith	Kokomo	11.20 %	2.5 %			Skimmed.
7255	Howard Leap	Shelbyville	11.70 %	3.0 %			Below standard; watered.
7256	Lon Coulston	Shelbyville	10.51 %	3.25%			Adulterated; watered
7258	Ernest Jones	Shelbyville	11.83 %	2.8 %			Skimmed.
7428	J. W. Tipton	New Albany	7.33 %	3.2 %			
7431	Mrs. C. F. Rippey	New Albany	5.54 %	2.9 %			Watered.
7432	John S. Payne	New Albany	5.85 %	2.6 %			Watered.
7581		Columbus		2.9 %			Below standard.
7661	John Jackson	South Bend	11.3 %	3.0 %			Below standard.
8098	Gottled Bolles	Evansville		3.0 %			Below standard.
8108	H. Robbins	South Bend	8.46 %	3.0 %			Below standard.
8165	Geo. Schaller	Evansville		2.2 %			Adulterated.
8169	J. C. Wallersmeyer	Evansville		2.2 %			Adulterated.

MISCELLANEOUS—LEGAL.

Lab. No.	Brand.	Manufacturer.	Fat.	Immersion Reading.	Butyro Reading at 40° C.
7917	Buttermilk	Wm. Elston, Bedford			
8120	Ice Cream Fat	Indianapolis	14%	39.0	42.5
7295	Buttermilk	Richmond Cream Co.		40.5	

MOLASSES.

SYRUP—LEGAL.

Lab. No.	Brand.	Manufacturer.	Where collected.	Direct Polarization.	Invert Polarization.	Sucrose.	Remarks.
7398	Pancake Syrup, Nabob Brand	Francis Leggett Co., New York	Indianapolis	+54.8	-19.0	55.9	Property labeled.

SYRUP—ILLEGAL.

7151	Vermont Syrup	Champion Syrup Refining Co., Ind'polis	Indianapolis	+64.8	-21.0	64.4	Improperly labeled.
7408	Monarch	Huntington Maple Syrup & Sugar Co., Vt.	Indianapolis				Almost entirely cane sugar.
7761	Dauntless	Hulman Preserve Co., Terre Haute	Evansville	+67.8	-22.4	68.1	A cane sugar syrup.

SORGHUM.—LEGAL.

Lab. No.	Brand.	Manufacturer:	Where collected.	Direct Polarization.	Invert Polarization.	Sucrose.	Remarks.
8125	Sorghum Substitute		Indianapolis.	+120.6	+113.6	5.3	Glucose 65.9. Pure.

OLIVE OIL.

OLIVE OIL—LEGAL.

Lab. No.	Manufacturer or Retailer.	Where collected.	Halphen Test.	Butyro Reading At 20° C.	Specific Gravity.
7164	Harry Mills	Martinsville	Negative	64.50	
7194		Dana	None	65.00	
7203	Jno. E. Broom	Indianapolis		65.25	
7204	H. J. Huder, Store No. 1	Indianapolis		65.45	
7211	Jno. Carroll	Indianapolis		65.25	
7230	Julius Hoag	Indianapolis		65.15	.9107
7243	Francis Pharmacy	Indianapolis	None	62.90	.9114
7244	W. H. Burget	Indianapolis	None	64.95	.9120
7253	H. O. Atchinson	Indianapolis	None	64.45	.9124
7304	Jno. C. Luken	Richmond	None	64.20	.9112
7305	J. S. Adams	Richmond	None	65.60	.9130
7308	W. H. Dickinson	Richmond		64.40	.9126
7309	T. F. McDonnell	Richmond		64.80	.9126
7355	H. E. Franer & Co	Indianapolis		65.00	.9129
7358	Ferd. A. Mueller	Indianapolis		65.00	.9123
7530		Indianapolis	None	64.50	.9116
7610	C. H. Overman	Marion		66.10	.9134
7618	Hildebrand & Ansley	Marion	None	65.40	.9139
7712		Indianapolis	None	64.20	.9090
8121		Indianapolis		64.53	
8126		Indianapolis		64.70	

PRESERVED FRUITS, JELLIES AND JAMS.

PRESERVED FRUITS, JELLIES AND JAMS—LEGAL.

Lab. No.	Article.	Brand.	Manufacturer or Dealer.	Where collected.	Remarks.
7486	Blackberry Glucose Preserves	Crescent		Indianapolis	Passed.
7485	Cherry Glucose Preserves	Crescent		Indianapolis	Passed.
7483	Peach Glucose Preserves	Crescent		Indianapolis	Passed.
7784	Plum Glucose Preserves	Crescent		Indianapolis	Passed.
7487	Raspberry Glucose Preserves	Crescent		Indianapolis	Passed.
7482	Strawberry Glucose Preserves	Crescent		Indianapolis	Passed.
7091	Sliced Pineapple Preserves	Ko-We-Ba	Kothe, Wells & Bauer	Indianapolis	Pure.
7186	Currant Preserves		Pierson Bros.	Danville	Pure.
7201	Apple Jelly		Rush Co. Grocery Co.	Rushville	Pure.

PRESERVED FRUITS, JELLIES AND JAMS—ILLEGAL.

Lab. No.	Article.	Brand.	Manufacturer or Dealer.	Where collected.	Remarks.
7798	Glucose Plum Preserves	Buffalo	Hulman Preserve Co.	Evansville	Adulterated with Benzoate of Soda
7936	Strawberry Jam		P. J. Pitter Conserves Co.	Lafayette	Adulterated with Benzoate of Soda

SPICES.

ALLSPICE—LEGAL.

Lab. No.	Brand.	Manufacturer or Retailer.	Where Collected.
7149		Jno. F. Haurman, Indianapolis, Ind.	Indianapolis.
7159		Harlen W. Carter, Indianapolis, Ind.	Indianapolis.
7163		Harry Mills, Martinsville, Ind.	Martinsville.
7174		Payne & Clarkson, Martinsville, Ind.	Martinsville.
7205		Daniel S. Buser, Indianapolis, Ind.	Indianapolis.
7209		Canby, Asch & Canby, Dayton, Ohio.	Indianapolis.
7262		S. C. Goff, Shelbyville, Ind.	Shelbyville.
7271		A. L. Aldrich, Rushville, Ind.	Rushville.
7276		Court House Grocery, Rushville, Ind.	Rushville.
7325		W. N. McGraw, Tipton, Ind.	Tipton.
7328		Geo. Shortle, Jr., Tipton, Ind.	Tipton.
7331		The Beeler Co., Tipton, Ind.	Tipton.
7340		McKee & Rule, Kokomo, Ind.	Kokomo.
7349		McCaffery Bros., Kokomo, Ind.	Kokomo.
7445		R. L. Leeson & Son Co., Elwood, Ind.	Elwood.
7447		A. J. Redding, Anderson, Ind.	Anderson.
7501		M. A. Allyn & Co., Muncie, Ind.	Muncie.
7506		C. A. Cropper, Muncie, Ind.	Muncie.
7529		J. B. Piner, Muncie, Ind.	Muncie.
7676		John A. Toloman, Chicago, Ill.	Hammond.
7739		Meyer Bros., St. Louis, Mo.	Evansville.
7750		J. F. Bruning & Son, Evansville.	Evansville.
7759		Thompson-Taylor Co., Chicago, Ill.	Evansville.
7790		Grand Union Tea Co., New York.	Evansville.
7806	Paaco	E. R. Durkee & Co.	Evansville.
7996			Arcadia.
8005			Arcadia.

PEPPER—LEGAL.

Lab. No.	Manufacturer or Retailer.	Where Collected.
7153	Ernest Knop, Indianapolis.	Indianapolis.
7161	Harry Mills, Martinsville.	Martinsville.
7167	O. E. Toner, Martinsville.	Martinsville.
7173	Payne & Clarkson, Martinsville.	Martinsville.
7208	Austin, Nichols & Co., New York.	Indianapolis.
7236	R. M. Mueller, Indianapolis.	Indianapolis.
7238	C. W. Verberg, Indianapolis.	Indianapolis.
7241	Francis Pharmacy, Indianapolis.	Indianapolis.
7261	S. C. Goff, Shelbyville.	Shelbyville.
7266	O. L. Means, Shelbyville.	Shelbyville.
7270	A. L. Aldrich, Rushville.	Rushville.
7275	Court House Grocery Co., Rushville.	Rushville.
7280	J. A. Craig, Rushville.	Rushville.
7323	W. N. McGraw, Tipton.	Tipton.
7326	Geo. Shortle, Jr., Tipton.	Tipton.
7329	The Beeler Company, Tipton.	Tipton.
7338	McKee & Rule, Kokomo.	Kokomo.
7343	Williams Bros., Kokomo.	Kokomo.
7351	W. J. Webb, Kokomo.	Kokomo.
7443	R. L. Leeson & Sons Co., Elwood.	Elwood.
7448	A. J. Redding, Anderson.	Anderson.
7500	M. A. Allyn, Muncie.	Muncie.
7504	C. A. Cropper, Muncie.	Muncie.
7520	H. R. Dosse & Co., Cincinnati.	Lawrenceburg.
7528	J. B. Piner, Muncie.	Muncie.
7537		Indianapolis.
7646	Woolsen Spice Co., Toledo, O.	Jeffersonville.
7675	John A. Tolman, Chicago.	Hammond.
7713	Firchuff Bros., Whiting.	Whiting.
7717		Muncie.
7728	D. G. Evans & Co., St. Louis.	Evansville.
7742	E. R. Dune & Co., New York City.	Evansville.
7748	J. F. Bruning & Son.	Evansville.
7760	Newton Tea & Spice Co., Cincinnati.	Evansville.
7789	Grand Union Tea Co., New York.	Evansville.
7802	Reid, Henderson & Co., Chicago.	Evansville.
7807	E. R. Durkee & Co.	Evansville.
7856	Steenbergen, Indiana Harbor.	Indiana Harbor.
7870	Dwinell-Wright Co., Boston.	Bloomington.
7874	Jos. Strong & Co., Terre Haute.	Bloomington.
7995		Arcadia.

CAYENNE PEPPER—LEGAL.

Lab. No.	Manufacturer or Retailer.	Where Collected.
7322	J. C. Lindsey, Tipton.	Tipton.
7727	D. G. Evans & Co., St. Louis.	Evansville.
7741	Meyer Bros., St. Louis.	Evansville.
7793	Grand Union Tea Co., New York.	Evansville.
7809	E. R. Durkee & Co.	Evansville.

CINNAMON—LEGAL.

Lab. No.	Manufacturer or Retailer.	Where Collected.
7155	Albert Schelling, Indianapolis.	Indianapolis.
7156	Job D. Orahood, Indianapolis.	Indianapolis.
7158	Harlen W. Carter, Indianapolis.	Indianapolis.
7162	Harry Mills, Indianapolis.	Martinsville.
7207	Austin, Nichols & Co., New York.	Indianapolis.
7210	Canby, Asch & Canby, Dayton, O.	Indianapolis.
7237	R. M. Mueller, Indianapolis.	Indianapolis.
7251	H. O. Atchinson, Indianapolis.	Indianapolis.
7263	S. C. Goff, Shelbyville.	Shelbyville.
7268	O. L. Means, Shelbyville.	Shelbyville.
7272	A. L. Aldrich, Rushville.	Rushville.
7277	Court House Grocery, Rushville.	Rushville.
7282	J. A. Craig, Rushville.	Rushville.
7312	Brown & Cooper, Richmond.	Richmond.
7348	McCaffery Bros., Kokomo.	Kokomo.
7385	Ed. Schaaf, Greentown.	Greentown.
7392	W. H. Caven, Elwood.	Elwood.
7327	Geo. Shortle, Jr., Tipton.	Tipton.
7444	R. L. Leeson & Son Co., Elwood.	Elwood.
7499	M. A. Allyn, Muncie.	Muncie.
7330	The Beeler Co., Tipton.	Tipton.
7329	McKee & Rule, Kokomo.	Kokomo.
7805	C. A. Cropper, Muncie.	Muncie.
7648	Woolsen Spice Co., Toledo.	Jeffersonville.
7673	W. G. Beiriger, Hammond.	Hammond.
7729	C. F. Blanks & Co., St. Louis.	Evansville.
7751	J. F. Bruning & Son, Evansville.	Evansville.
7757	Thompson-Taylor Co., Chicago.	Evansville.
7791	Grand Union Tea Co., New York.	Evansville.
7810	E. R. Durkee & Co.	Evansville.
7859	J. J. Koch, Indiana Harbor.	Indiana Harbor.
7872	Dwinell-Wright Co., Boston.	Bloomington.
7875	Jos. Strong & Co., Terre Haute.	Bloomington.
7992		Arcadia.

CLOVES—LEGAL.

Lab. No.	Manufacturer.	Retailer.	Where Collected.
7154		Albert Schilling	Indianapolis.
7157		Job D. Orahod	Indianapolis.
7206		Daniel T. Buser	Indianapolis.
7311		Brown & Cooper	Richmond.
7649	Woolsen Spice Co., Toledo	Best Bros.	Jeffersonville.
7726	D. G. Evans & Co., St. Louis	Harmeyer & Schenek	Evansville.
7731	C. F. Blanke & Co., St. Louis	Evansville Grocery Co.	Evansville.
7740	Meyer Bros., St. Louis	The Cook Grocery Co.	Evansville.
7768	Thompson-Taylor Co., Chicago	Vickery Bros.	Evansville.
7792	Grand Union Tea Co., New York	Grand Union Tea Co.	Evansville.
7805	E. R. Durkee & Co.	Parson & Scoville	Evansville.
7871	Dwinell-Wright Co., Boston	Urney & Kinser	Bloomington.
7876	Raid, Murdock & Co., Chicago	Belden & Baker	Bloomington.
7993			Arcadia.
7998			Arcadia.
8002			Arcadia.

GINGER—LEGAL.

7324		W. N. McGraw	Tipton.
7567		W. F. Meyer	Seymour.
7647	Woolsen Spice Co., Toledo, O.	Best Bros.	Jeffersonville.
7749	J. F. Bruning & Son	J. F. Bruning & Son	Evansville.
7808	E. R. Durkee & Co.	Parson & Scoville	Evansville.
7869	Dwinell-Wright Co., Boston	Urney & Kinser	Bloomington.
7994			Arcadia.
8004			Arcadia.

NUTMEG—LEGAL.

7737	Meyer Bros., St. Louis	The Cook Grocery Co.	Evansville.
7803	E. R. Durkee & Co.	Parson & Scoville Co.	Evansville.

MUSTARD—LEGAL.

7650	Woolsen Spice Co., Toledo, O.	Best Bros.	Jeffersonville.
7738	Meyer Bros., St. Louis	The Cook Grocery Co.	Evansville.
7756	Thompson-Taylor Co., Chicago	Vickery Bros.	Evansville.
7788	Grand Union Tea Co., New York	Grand Union Tea Co.	Evansville.
7804	E. R. Durkee & Co.	Parson & Scoville Co.	Evansville.
7868	Dwinell-Wright Co., Boston	Urney & Kinser	Bloomington.
7991			Arcadia.
7999			Arcadia.

WHITE PEPPER—LEGAL.

7718			Muncie.
7743	E. R. Dune, New York City	The Cook Grocery Co.	Evansville.

SPIRITUOUS LIQUORS.

BRANDY—LEGAL.

Lab. No.	Brand.	Where Collected.	Alcohol by Weight.	Total Solids.	Remarks.
7313	Cognac	Indianapolis	46.5	.2%	Excess of tannin. No fusel oil.

WHISKY—ILLEGAL.

Lab. No.	Where Collected.	Solids per 100 C.C.	Alcohol by Weight.	Remarks.
7135	Plainfield	.13g	39.31%	Slightly below standard. Magnesium sulphate in large quantities. Sodium chloride present. Not a pure whisky.
7909	Danville	2.27g	29.72%	

VINEGAR.

CIDER VINEGAR—LEGAL.

Lab. No.	Brand.	Manufacturer.	Where Collected.	Acidity as Acetic Acid.	Solids.	Ash.	Alkalinity of Ash.	Polarization.	Lead Acetate Precipitate.	Color.
7098	Cider		Westville	5.43	3.156	.368	38.	-6.2	Medium	Normal.
7099	Cider		Westville	4.26	7.115	.497	44.	-16.4	Heavy	Normal.
7100	Cider		Westville	5.97	2.735	.415	42.	-1.8	Medium	Normal.
7118	Pure Cider	Red Cross Cider Vin. Co., St. Louis	Noblesville	4.17	2.410	.255	28.	-.6	Slight	Normal.
7136		Reagan & Carter	Plainfield	4.12	2.192	.323	30.	+ .6	Heavy	Normal.
7170		O. E. Tower	Martinsville	4.34	3.280	.440	28.	-2.0	Heavy	Normal.
7193	Cider	Faulkner Co., Indianapolis	Indianapolis	4.25	2.138	.350	36.	+2.4	Normal	Normal.
7200	Pure Cider	Fred Knoop, Oak Park, Ill.	Indianapolis	4.14	2.065	.342	22.	-2.2	Heavy	Normal.
7290		Rush Co. Grocery Co.	Rushville	4.91	2.213	.335	32.	-2.0	Very heavy	Normal.
7302	Cider	Red Cross Vin. Co., St. Louis	Richmond	4.51	2.212	.265	22.	-1.0	Normal	Normal.
7548		The Huffman Co., Indianapolis	Frankfort	4.37						
7577			Benton Harbor							
			Mich	5.43	2.653	.379	38.	0.0	Moderate	Normal.
7578	Pure Cider		Union City	4.02	2.500	.250	24.	-0.6	Moderate	Normal.
7780		Heinz	Evansville	5.69	2.556	.338	32.	-2.4	Normal	Natural.
7787		Heinz	Evansville	4.71	3.045	.438	40.	-0.0	Normal	Natural.
8102			Arcadia	4.67						
8103			Arcadia	9.51						
8104			Arcadia	4.98						

VINEGAR—ILLEGAL.

Lab. No.	Brand.	Manufacturer.	Where Collected.	Acidity as Acetic Acid.	Solids.	Ash.	Alkalinity of Ash.	Polarization.	Lead Acetate Precipitate.	Color.	Remarks.
7012	Cider		Rochester	3.85	2.15	.233	18.0	+0.2	Slight	Normal	Artificial.
7114	Cider		Indianapolis	4.16	3.18	.036	2.0	0.0	None	Artificial	Artificial.
7123		J. H. & B. Amt, Indpls.	Indianapolis	3.83	.228	.037	4.0	+ .6	Slight	Artificial	Below standard.
7150	Pure Cider		Indianapolis	4.57	2.25	.286	26.0	+3.6	Very slight	Normal	Not a normal vinegar.
7172	Cider		Martinsville	4.89	2.535	.300	20.0	+4.2	Heavy	Partly caramel	Not a normal cider vinegar.
7179		Mrs. Harriet Corson	Danville	4.64	1.234	.084	8.0	0.0	None	Caramel	Not a cider vinegar.
7202	Cider Vinegar		Indianapolis	4.10	2.189	.372	32.	+2.4	Normal	Normal	Not a normal vinegar.
7264	Cider		Shelbyville	3.42	.665	.384	10.0	0.0	Very slight	Normal	Adulterated.
7269			Shelbyville	3.81	.188	.031	6.0	0.0	None	Caramel	Adulterated.
7273	Cider	A. L. Aldrich	Rushville	5.07	2.628	.165	6.0	+2.6	Heavy	Normal	Not a normal vinegar.
7345	Cider	Williams Bros	Kokomo	3.70	.306	.063	4.0	0.0	None	Caramel	Colored; distilled.
7990	Cider		Rochester	3.90	2.20	.250	26.0	-1.8	None	Natural	Low in acidity
8099			Arcadia	3.80							Below standard.
8100			Arcadia	3.99							Slightly below standard.
8101			Arcadia	0.85							Below standard.

GRAIN VINEGAR—LEGAL.

Lab. No.	Manufacturer	Where Collected.	Acidity as Acetic Acid.	Solids.	Ash.	Alkalinity of Ash.	Polarization.	Lead Acetate Precipitate.	Color.	Remarks.
7767		Kokomo	5.32							Pure.
7768		Kokomo	5.68							Pure.
7867	Urney & Kinser	Bloomington	4.29	.0239	0.04	2.0	+ .4	None	Caramel	Colored; distilled.

MISCELLANEOUS FOOD PRODUCTS.

Lab. No.	Article.	Manufacturer.	Where collected.	Remarks.
7101	Sugar Adulterant.		Brazil	Ultramarine blue.
7229	Maple Butter.		Indianapolis.	81.9% Sucrose. No glucosa. Properly labeled.
7321	Horseradish.	Moore & Surface	Tipton	Pure.
7336	Tumeric.		Tipton	Pure.
7362	Preservaline.	Phillip Scharf.	New Albany.	Nitrates present. Colored with aniline dyes.
7393	Prunes.	W. H. Craven.	Elwood.	No sulphites. Pure.
7416	Wall Paper.		Evansville.	No arsenic.
7433	Preservaline.	Herman Kroft.	New Albany.	73.58% Sodium sulphita.
7453	Glucose.		Indianapolis.	.00729g SO ₂ per 100g glucose.
7579	Potatoes.		Union City.	Legal.
7655	Coloring.	Anton Slotte & Sons.	Richmond.	Oxazines. Pure.
7688	Dried Apples.		Indianapolis.	No sulphites. Pure.
7716	Washing Powder.		South Bend.	No borax or sulphite.

FOOD SUMMARY.

	Pure.	Adulterated.	Total.	Percentage of Adulteration.
Beverages	8	1	9	11.1%
Canned Vegetables	7	3	10	30.0%
Catsups	0	5	5	100.0%
Cocoa Products	2	0	2	0.0%
Fish Products	1	0	1	0.0%
Flavoring Extracts, Lemon	16	11	27	40.7%
Vanilla	5	1	6	16.6%
Miscellaneous	3	2	5	40.0%
Fruit Butters	4	0	4	0.0%
Honey	4	0	4	0.0%
Lard	16	6	22	27.2%
Leavening Agents, Baking Powder	2	0	2	0.0%
Bicarbonate Soda	1	0	1	0.0%
Cream Tartar	15	0	15	0.0%
Maple Products, Maple Sugar	10	15	25	20.0%
Maple Syrup	11	2	13	15.2%
Meat Products, Bologna	4	0	4	0.0%
Boneless Ham	0	1	1	0.0%
Hamburger Steak	10	1	11	9.0%
Sausage	37	0	37	0.0%
Weinerwurst	5	0	5	0.0%
Miscellaneous	7	0	7	0.0%
Milk Products, Butter	30	6	36	16.6%
Cheese	1	0	1	00%
Cream	0	4	4	100.0%
Condensed Milk	5	0	5	0.0%
Ice Cream	12	20	32	62.2%
Milk	172	17	189	8.8%
Miscellaneous	3	0	3	0.0%
Molasses, Sorghum	1	0	1	0.0%
Syrup	1	3	4	75.0%
Olive Oil	21	1	22	4.5%
Preserved Fruits, Jellies and Jams	9	2	11	18.1%
Spices, Allspice	27	1	28	3.6%
Black Pepper	40	1	41	2.4%
Cayenne	5	0	5	0.0%
Cinnamon	33	0	33	0.0%
Cloves	16	1	17	5.8%
Ginger	8	0	8	00%
Nutmeg	2	0	2	0.0%
Mace	1	0	1	0.0%
Mustard	8	0	8	0.0%
White Pepper	2	0	2	0.0%
Spirituos Liqueurs, Brandy	1	0	1	0.0%
Whiskey		2	2	100.0%
Vinegar, Cider	19	15	34	44.1%
Grain	3	0	3	0.0%
Miscellaneous Food Products	15	0	15	0.0%
	604	120	724	16.4%

DRUGS.

The inspectors report sanitary conditions of drug stores to be, on the whole, satisfactory. Occasionally proprietors are found who do not realize as they should the necessity for cleanliness, especially around the soda fountain. Many fountains have been inspected which were in a dirty and unsanitary condition. One inspector reports 50 draft tubes to be stopped up with accumulated dirt and sediment, another that a dead rat was found in the base of the fountain.

The analytical results indicate a condition somewhat improved over that shown in the last report, although the U. S. P. requirements are still apparently above the reach of many druggists. This is especially true in the case of tinctures, such as tinctura iodi and tincturo ferri chloridi. The low grade of these articles may be due either to the use of old formulæ or to care-

less methods of preparation. Under the new laws every pharmacist should be supplied with the latest pharmacopœia or national formulary, and the proprietor should be able to make ordinary assays in his own laboratory.

The stocks of patent and proprietary articles are changing complexion rapidly under the influence of the new Federal requirements, and appear in a guise so strange and new as hardly to be recognized. Stocks of goods on hand at the present time do not require any statement on the label as to the alcohol, opium, cocaine and morphine content until March 1, 1908. It is advisable, however, that all druggists take steps at once to dispose of these old stocks, so that when the drug law goes into full effect, it will not be necessary for the department to condemn quantities of unsold goods. The following tables show the results of the drug analyses up to June 1:

DRUGS.

BAY RUM—LEGAL.

Lab. No.	Retailer.	Where collected.	Per Cent. Methyl Alcohol.	Ethyl Alcohol.
7213	J. F. Duckworth	Indianapolis	0.0	45.14
7620	Hildebrand & Ansley	Marion	0.0	39.90

GINGER—LEGAL.

Lab. No.	Retailer.	Where collected.	Residue Per 100 C. C.	Alcohol by Vol.	Ethyl Alcohol
7020	F. N. Voght	Indianapolis	.63	86.7	81.4
7053	A. G. Baldwin	Noblesville	1.22	87.7	82.7
7084	James R. Cole	Indianapolis	.82	80.5	74.
7086	Waddell & Walterhouse	Indianapolis	.74	90.0	85.6

GLYCERINE—LEGAL.

Laboratory Number.	Retailer.	Where Collected.	H ₂ SO ₄ .	Butyric Acid.	Sulphates.	Specific Gravity.
7081		Indianapolis	Brownish	Present	Trace	1.255
7090	Louis Stockman	Indianapolis	Brownish	Present	Trace	1.254
7232	Julius Hoag	Indianapolis	Yellowish	Present	Trace	1.2474
7250	H. O. Atchinson	Indianapolis	Yellowish	Present	Very slight trace	1.2471

PAREGORIC—LEGAL.

Lab. No.	Retailer.	Where collected.	Specific Gravity.	Alcohol by Volume.
7134	Green & Watson	Plainfield	.9412	
7376	C. D. Knofel	New Albany	.9667	45.9
7441	Chas. McClintock	Salem	.9383	46.5
7463	J. A. Graham	Jeffersonville		

LIME WATER—LEGAL.

Laboratory Number.	Retailer.	Where Collected.	Per Cent. U. S. P. Strength.
6986	Chas. W. Eichrodt	Indianapolis	116.7
6988	E. H. Wilson	Indianapolis	111.5
6992	Empire Drug Store	Indianapolis	114.7
7028	Haag's Pharmacy	Indianapolis	111.6
7039	Carnefer Bros.	Indianapolis	116.9
7223	West Baden Springs Drug Co.	West Baden	107.3
7227	McCoy Drug Co.	French Lick	121.0
7231	Julius Hoag	Indianapolis	111.6
7245	W. H. Burget	Indianapolis	120.0
7356	Herman E. Franer & Co.	Indianapolis	113.6
7436	Wm. Rudder & Co.	Salem	122.1
7439	Robertson Drug Store	Salem	113.6
7455	C. E. Crecelius	New Albany	124.2
7461	Wm. C. Pauf	Jeffersonville	101.0
7465	Floyd Parks	Jeffersonville	122.1
7702	A. E. Kepert	Hammond	97.9
7852	A. G. Schluer	East Chicago	116.8
7943	The Lafayette Pharmacal Co.	Lafayette	120.0

SULPHUR—LEGAL.

Lab. No.	Retailer.	Where collected.	U. S. P. Strength.
7734	J. F. Bomm Drug Co.	Evansville	99.98
7750	L. C. Bomm Drug Co.	Evansville	99.98
7885	Wood Wiles	Bloomington	

TINCTURE OF ARNICA—LEGAL.

Lab. No.	Retailer.	Where collected.	Per Cent. Methyl Alcohol.	Per Cent. Ethyl Alcohol.
7324	Sloan Drug Co.	French Lick	None	40.3
7457	M. F. Doherty	Jeffersonville	None	46.2
7566	W. F. Meyer	Seymour	None	46.2

TINCTURE OF CAMPHOR—LEGAL.

Lab. No.	Retailer.	Where collected.	U. S. P. Strength.	Alcohol by Vol.
7022	Fred A. Mueller	Indianapolis	100.0	
7046	Cain & Llewellyn	Indianapolis	115.0	87.4
7046	F. J. Wehrel	Indianapolis	105.0	87.2
7052	A. G. Baldwin	Noblesville	89.2	56.1
7071		Indianapolis	100.0	89.7
7074		Indianapolis	79.2	68.6
7087	Robert Navin	Indianapolis	75.0	64.6
7089	Louis Stockman	Indianapolis	96.6	88.7
7216	Maurice Schwartz	Indianapolis	100.0	88.2
7234	Julius Hoag	Indianapolis	66.6	90.4
7247	W. H. Burget	Indianapolis	97.5	69.9
7249	H. O. Atchinson	Indianapolis	70.8	89.7
7307	J. S. Adams	Richmond	105.0	82.0
7363	J. H. Conner & Co.	New Albany	80.0	77.4
7374	C. D. Knofel	New Albany	171.6	
7764		Seymour	95.8	87.7

TINCTURE OF CAPSICUM--LEGAL.

Lab. No.	Retailer.	Where collected.	Alcohol by Volume.	Solids per 100 C. C.	Specific Gravity.
7011	J. C. Clark	Indianapolis		1.78	
7044	Cain & Lewly	Indianapolis	86.7	1.28	
7047	F. J. Wehrel	Indianapolis	88.7	1.71	
7072		Indianapolis	90.4	.71	
7073		Indianapolis	91.5	.74	
7083	James R. Cole	Indianapolis	86.1	.80	
7214	Duckworth Pharmacy	Indianapolis	87.2	1.66	
7220	Sherrod & Ludley	West Baden	88.9	.83	.8357
7456	M. F. Doherty	Jeffersonville	90.2	.99	.8355
7458	Schwaminger Bros	Jeffersonville	90.7	1.33	.8348
7523	C. W. Fitch	Lawrenceburg	89.2	1.10	.8263
7524	C. R. Mills	Lawrenceburg	83.4	1.17	.8478
7526	Mark Kennedy	Lawrenceburg	85.3	3.04	.8422
7541	French Lick Drug Co	French Lick	87.5	2.47	.8453
7573	C. W. Milhouse	Seymour	85.0	1.61	.8426
7644	Ben Doolittle	Jeffersonville	84.2	1.61	.8442
7724	Meek & Albers	Evansville	83.1	1.77	
7735	John Laval & Sons	Evansville	85.8	1.36	
7879	Bowles Bros	Bloomington	85.0	1.49	
8060	L. Wolfgang	Evansville	85.0	2.40	

TINCTURE OF GINGER--LEGAL.

Lab. No.	Retailer.	Where Collected.	Alcohol by Volume.	Solids per 100 C.C.	Methyl Alcohol.
7225	Sloan Drug Co	French Lick	90.7	0.64	None.
7365	J. H. Conner & Co	New Albany	89.4	1.28	None.
7370	McDonald, Stockdell Co	New Albany	91.9	1.16	None.

TINCTURE OF IODINE--LEGAL.

Lab. No.	Retailer	Where Collected.	Per Cent. U. S. P. Strength.
7090	Navin's Pharmacy	Indianapolis	106.40
6991	Empire Drug Store	Indianapolis	60.90
6027	Haag's Pharmacy	Indianapolis	121.83
7030	E. W. Thompkins	Indianapolis	103.11
7037	Rhodes' Pharmacy	Indianapolis	108.25
7040	Bowens	Indianapolis	104.22
7082		Indianapolis	102.38
7222	West Baden Springa Drug Co	West Baden	99.63
7228	French Lick Drug Co	French Lick	99.63
7246	W. H. Burget	Indianapolis	113.21
7306	J. S. Adams	Richmond	100.5
7310	T. F. McDonnell	Richmond	104.2
7372	C. E. Crecelina	New Albany	99.4
7375	C. D. Knofel	New Albany	117.0
7438	Wm. Rudder & Co	Salem	104.2
7704	E. R. Stauffer	Hammond	113.0
7745	J. F. Bomm Drug Co	Evansville	110.8
7755	Henry Tepe	Evansville	100.9
7851	A. G. Schluher	East Chicago	109.7
7879	Jno. W. O'Harrow	Bloomington	110.8
7882	J. C. Vermilion	Bloomington	104.5
7954	E. Bon Merritt	Frankfort	104.5

TINCTURE OF IRON--LEGAL.

Lab. No.	Retailer	Where Collected.	Per Cent. U. S. P. Strength.
6989	E. H. Wilson	Indianapolis	103.83
7010	J. C. Clark	Indianapolis	108.2
7041	Bowens	Indianapolis	108.9
7048	C. L. Mitchell	Noblesville	101.5
7364	J. H. Conner & Co	New Albany	101.5
7384	Daniel Moroney	Indianapolis	104.2
7387	Fisher's Pharmacy	Indianapolis	134.2
7402	Jerome J. Keene	Indianapolis	104.8
7459	Schwaminger Bros	Jeffersonville	103.0
7659		Indianapolis	103.8
7929		Evansville	97.8

MISCELLANEOUS--PURE.

Lab. No.	Article.	Where Collected.	Remarks.
7858	Solution Iron Chloride	Indianapolis	Iron 10.21%
7781	Preservative	Evansville	Solution of gum arabic.
7088	Preservative		NaCl 45.24, starch 6.57% NaNO ₃ 48.19%

MISCELLANEOUS--ILLEGAL.

Lab. No.	Article.	Where Collected.	Specific Gravity.	Remarks.
7711	Oil Turpentine	Somerville	.8107	50% kerosene present.

DRUG SUMMARY.

Article.	Legal.	Illegal.	Total.	Percentage of Adulteration
Bay Rum	2		2	0.0%
Ginger, Powdered	4		4	0.0%
Glycerine	4		4	0.0%
Lime Water	18	6	24	25.0%
Paregoric	4		4	0.0%
Sulphur	3		3	0.0%
Tincture Arnica	3	1	4	25.0%
Tincture Camphor	16	5	21	23.8%
Tincture Capsicum	20	4	24	16.6%
Tincture Ginger	3	2	5	40.0%
Tincture Iodine	22	15	37	40.6%
Tincture Iron	11	9	20	45.0%
Witch Hazel	1		1	0.0%
Miscellaneous	3	1	4	25.0%
Totals	114	43	157	27.3%

CHART SHOWING GEOGRAPHICAL DISTRIBUTION OF DEATHS FROM CERTAIN COMMUNICABLE DISEASES FOR MAY, 1907.

NORTHERN SANITARY SECTION.

Total population	899,960
Total deaths	919
Death rate per 1,000	12.0
Consumption, rate per 100,000	104.8
Typhoid, rate per 100,000	7.8
Diphtheria, rate per 100,000	10.4
Scarlet fever, rate per 100,000	8.9
Diarrheal diseases, rate per 100,000	19.6

CENTRAL SANITARY SECTION.

Total population	1,022,950
Total deaths	1,194
Death rate per 1,000	12.5
Consumption, rate per 100,000	137.6
Typhoid, rate per 100,000	16.8
Diphtheria, rate per 100,000	6.3
Scarlet fever, rate per 100,000	.0
Diarrheal diseases, rate per 100,000	12.6

SOUTHERN SANITARY SECTION.

Total population	675,849
Total deaths	679
Death rate per 1,000	11.8
Consumption, rate per 100,000	171.1
Typhoid, rate per 100,000	17.4
Diphtheria, rate per 100,000	5.2
Scarlet fever, rate per 100,000	1.7
Diarrheal diseases, rate per 100,000	15.7

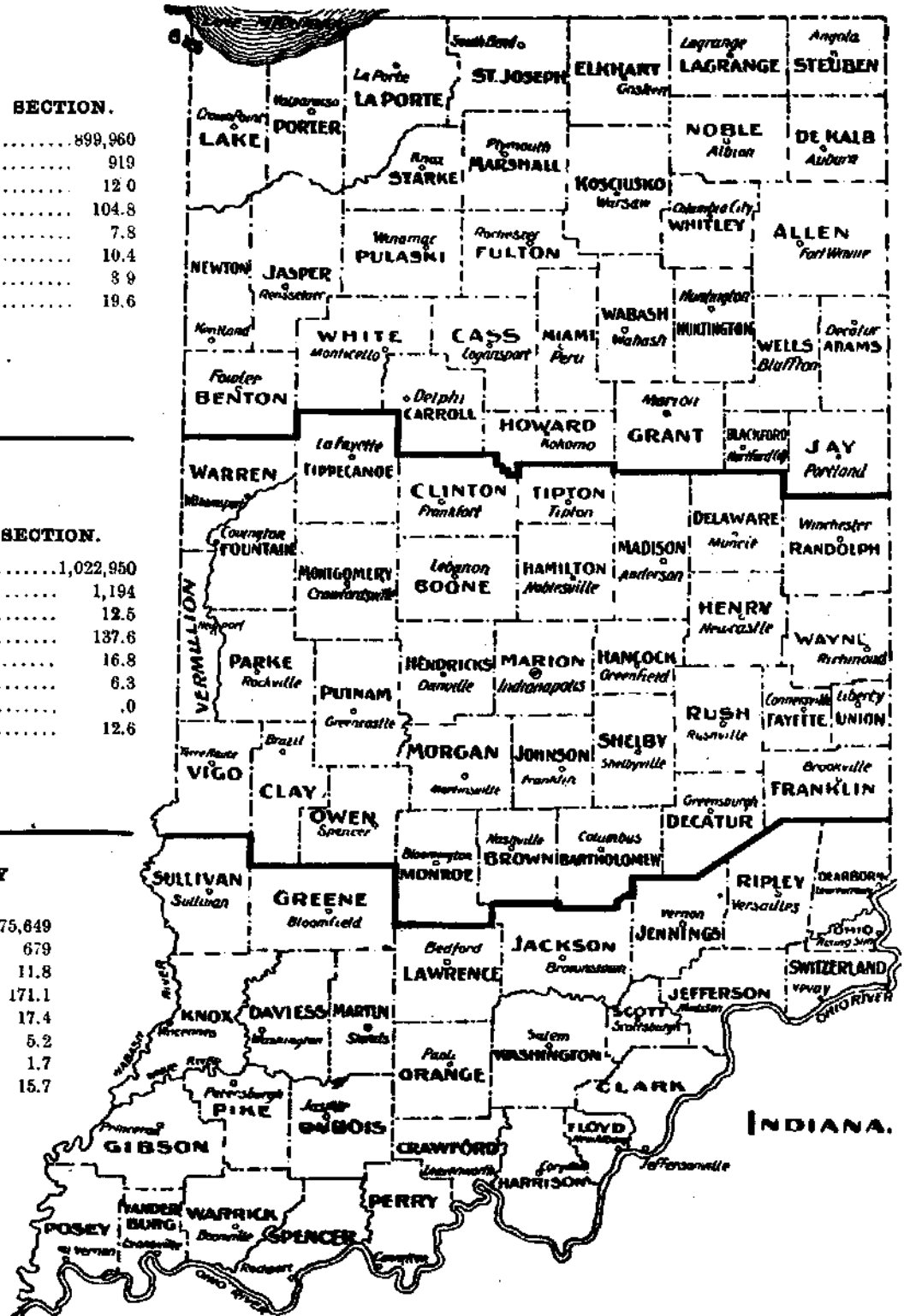


TABLE No. 1. Deaths in Indiana by Counties During the Month of May, 1907.

STATE AND COUNTIES.	Population Estimated According to U. S. Census Bureau.	Total Deaths Reported for May, 1907.	Annual Death Rate per 1,000 Population.	Stillbirths.	IMPORTANT AGES.					DEATHS FROM IMPORTANT CAUSES.																				
					Under 1 Year.	1 to 4, inclusive.	5 to 9, inclusive.	10 to 14, inclusive.	15 to 19, inclusive.	25 Years and over.	Pulmonary Consumption.	Other Forms of Tuberculosis.	Typhoid Fever.	Diphtheria.	Dysent.	Scarlet Fever.	Measles.	Whooping-Cough.	Pneumonia.	Diarrheal Dis-eases, under 5.	Cerebro-spinal Meningitis.	Influenza.	Paratyphoid Septicemia.	Cancer.	Violence.	Smallpox.	Deaths in Insti-tution.			
																												368	171	65
State of Indiana	2,698,550	2,892	12.6	163	368	171	65	45	68	679	309	64	32	17	1	4	19	3	331	30	22	43	16	99	180	1	156			
Northern Co's	899,960	919	12.0	58	121	51	19	14	22	323	80	12	6	8		3	3	2	118	15	9	17	4	36	55	1	42			
Adams	23,052	17	8.7	1	1	2			2	5	4								4					2						
Allen	83,448	89	12.5	2	10	3	2	1	5	36	8								15			4		2						
Benton	13,611	11	9.5		2					5									2					1						
Blackford	19,914	16	9.4	3	4					5									1					1						
Carroll	19,953	17	12.0	3	4					5									1					1						
Cass	34,478	39	11.3	3	6	1	1		1	11									4					1						
DeKalb	26,272	25	11.2	1	1	1	2		1	10									4					1						
Elkhart	48,181	62	15.1	6	8	2	2	1	1	17									5					2						
Fulton	17,736	16	10.6	2	2					10									4					1						
Grant	65,921	74	13.2	2	4	1			1	25									5					1						
Howard	30,091	34	13.3	4	2	1			1	12									2					1						
Huntington	30,126	27	10.5	6	6	1	1		1	8									3					3						
Jasper	15,535	14	10.6	3	3	1				4									2					1						
Jay	28,154	28	11.7	2	2	1	1		1	10									4					2						
Kosciusko	29,295	14	5.6	1	1					9									2					1						
Lagrange	15,294	14	10.8	3	3					7									1					1						
Lake	44,554	67	17.7	3	15	4	2			7									1					1						
Laporte	40,776	60	17.3	3	15	3	2		3	23									1					3						
Marshall	25,639	22	10.1	3	3					10									6					3						
Miami	29,638	32	12.6	2	3					12									5					3						
Newton	11,106	5	5.3	1	1					2									2					1						
Noble	25,693	23	11.4	1	2				1	13									5					1						
Porter	19,624	14	8.4	1	1				1	2									2					2						
Polaski	15,153	11	8.5	1	1				1	1									1					1						
Starke	11,669	16	16.1	2	2					15									3					1						
Stauben	15,515	22	16.7	1	3				2	13									1					2						
St. Joseph	68,328	74	12.7	4	12			8		21									13		2			6						
Wabash	29,121	32	12.9	1	3			1		2									2					1						
Wells	24,223	23	11.2	4	6				2	5									1					1						
White	20,525	10	5.7	1	1					4									1					1						
Whitley	17,328	11	7.4	1	2			1		4									1					1						
Central Co's	1,122,950	1,194	12.5	64	143	65	23	16	26	386	131	25	16	6	1		11	2	132	12	10	18	13	36	76		92			
Bartholomew	25,167	32	15.0	1	4	3	1		1	11									2					1						
Boone	26,321	40	17.9	2	6	2	1	2		14									2					1						
Brown	9,727	7	8.4		4					2														1						
Clay	35,785	34	11.2	1	4	1	1		1	9									5					1						
Clinton	28,534	33	13.6	1	2			1		9									6					1						
Decatur	19,614	17	10.2	1	3					9									1					1						
Delaware	69,405	56	11.1	4	7	4	2	2	1	13									2					1						
Fayette	13,841	9	7.6		2					10									1					1						
Fountain	22,201	22	11.6	1	2		1		1	6									1					1						
Franklin	16,388	20	14.4	1	2					11									1					1						
Hamilton	31,430	16	6.0	3	2					4									3					1						
Hancock	19,755	15	8.9		2	1			1	5									4					1						
Hendricks	21,292	21	11.6	1	2				1	4									1					1						
Henry	25,572	15	6.9	1	2				1	10									2					1						
Johnson	20,498	21	12.0	1	1				1	6									2					2						
Madison	88,045	57	7.6	7	3					3									5					1						
Marion	234,097	324	16.2	14	37	22	6	7	10	19									47			5		8						
Monroe	22,153	21	11.1	3	2				1	1									3					2						
Montgomery	29,933	38	14.9	1	2		2	1		16									6					4						
Morgan	21,183	19	10.5	1	3					8									2					3						
Owen	15,193	9	6.9		1					2									1					1						
Parke	24,082	23	11.2	4	3				1	6									2					2						
Putnam	21,478	28	15.3	1	1					3									3					1						
Randolph	28,890	22	8.9	1	2					6									2					1						
Rush	20,594	15	8.5	1	1		1			7									2					1						
Shelby	26,906	18	7.8	2	2		1	1	3	8									1					2						

Mortality of Indiana for May, 1907.

POPULATION BY GEOGRAPHICAL SECTIONS AND AS URBAN AND RURAL.	Population, Estimated According to U. S. Census Method.	Total Deaths Reported for May, 1907.	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.		6 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.....	2,698,559	2,892	12.6	163	368	13.4	171	6.2	65	2.3	45	1.6	69	2.4	879	32.2	309	135.1	54	23.6	32	13.9	17	7.4
Northern Co's	899,960	919	12.0	58	121	14.0	51	5.9	19	2.2	14	1.6	22	2.5	322	37.3	40	104.8	12	15.7	6	7.8	8	10.4
Central Co's	1,122,860	1,194	12.5	64	143	12.8	65	5.7	23	2.0	16	1.4	26	2.3	386	34.1	131	137.6	25	26.2	16	16.8	8	8.3
Southern Co's	675,649	679	11.8	41	104	15.3	55	8.6	32	3.6	15	2.3	20	3.1	171	26.8	98	171.1	17	29.6	10	17.4	5	5.2
All cities.....	1,032,376	1,324	15.1	98	186	15.0	98	7.9	81	2.4	29	2.3	28	2.2	321	25.9	140	160.0	31	35.4	16	18.2	9	10.2
Over 50,000.....	386,863	503	15.3	23	63	13.1	30	6.2	12	2.5	13	2.7	13	2.7	183	27.7	58	176.9	14	42.7	7	21.3	2	6.1
25,000 to 50,000.....	87,740	102	12.3	8	19	20.2	10	10.6	4	4.2	2	2.1	1	1.0	2	2.1	7	84.5	.....	.....	.....	.....	.....	.....
10,000 to 25,000.....	238,469	320	15.8	28	47	16.9	28	9.5	4	1.3	6	2.0	6	2.0	84	28.7	29	143.5	4	19.7	4	19.7	5	24.7
5,000 to 10,000.....	179,439	236	15.5	18	29	13.0	22	10.0	7	3.1	4	1.7	7	3.1	58	26.0	29	190.7	7	46.0	4	26.3	.....	.....
Under 5,000.....	129,931	163	14.8	16	28	19.0	8	5.4	4	2.7	4	2.7	1	1.0	44	30.0	17	154.3	6	54.4	.....	.....	.....	.....
Country.....	1,666,183	1,568	11.1	75	182	12.1	73	4.8	34	2.3	16	1.0	40	2.8	558	37.3	168	119.6	28	16.2	16	11.8	8	6.8

POPULATION BY GEOGRAPHICAL SECTIONS AND AS URBAN AND RURAL.	Deaths and Annual Death Rates per 100,000 Population from Important Causes.																							
	Group.		Scarlet Fever.		Measles.		Whooping-Cough.		Pneumonia.		Diarrheal Diseases, Under 5 Yrs.		Cerebro-Spinal Meningitis.		Influenza.		Puerperal Septicæmia.		Cancer.		Violence.		Small-pox.	
	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	4	1.7	19	8.3	8	3.4	331	144.7	36	15.7	22	9.6	43	18.8	19	8.3	89	43.2	180	78.7	1	.4
Northern Co's	.....	.....	3	3.9	4	3.9	2	2.6	118	154.7	15	19.6	9	11.8	17	22.2	4	5.2	36	47.2	55	72.1	1	1.3
Central Co's	1	1.0	.....	.....	11	11.5	.....	.....	132	138.7	12	12.6	10	10.5	18	18.9	13	13.6	36	37.8	78	79.8	.....	.....
Southern Co's	.....	.....	1	1.7	5	8.7	4	6.9	81	141.4	9	15.7	3	5.2	8	13.9	2	3.4	27	47.1	49	85.5	.....	.....
All cities.....	.....	.....	2	2.2	13	14.8	5	5.7	180	205.7	16	18.2	12	13.7	18	20.5	11	12.5	49	56.0	90	102.8	1	1.1
Over 50,000.....	.....	.....	1	2.0	5	15.2	1	3.0	73	222.6	2	6.1	1	3.0	9	27.4	6	18.8	16	48.8	39	118.9	.....	.....
25,000 to 50,000.....	.....	.....	1	12.0	5	60.3	.....	.....	15	181.0	.....	.....	2	24.1	1	12.0	4	48.2	3	36.2	7	84.5	1	12.0
10,000 to 25,000.....	.....	.....	.....	.....	1	4.9	.....	.....	37	183.1	8	39.5	3	14.8	4	19.7	1	4.9	9	44.5	28	136.5	.....	.....
5,000 to 10,000.....	.....	.....	.....	.....	3	19.7	.....	.....	22	210.4	4	25.3	4	26.4	3	19.7	.....	.....	10	65.7	9	89.1	.....	.....
Under 5,000.....	.....	.....	.....	.....	1	9.0	.....	.....	23	208.8	2	14.1	2	18.1	1	9.0	.....	.....	11	99.8	7	83.5	.....	.....
Country.....	1	.7	2	1.4	6	4.2	3	2.1	151	106.9	20	14.1	10	7.0	25	17.7	8	5.6	50	35.4	90	63.7	.....	.....

Meteorological Summary for May, 1907. Furnished by the Central Office, Indiana Section, Climatological Service, U. S. Weather Bureau, Indianapolis, Ind., June 1, 1907.

W. T. BLYTHE, SECTION DIRECTOR.

SECTIONS.	TEMPERATURE.										PRECIPITATION.				CONDITION OF SKY.			Wind.
	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.			
																Prevaling Direction.		
Northern Section.....	53.9	-7.1	85	14	Logansport.	26	11	South Bend..	3.77	-1.04	0.1	12	11	8	12	NE.		
Central Section.....	50.6	-5.6	88	23	Shelbyville.	27	21	Northfield...	3.71	-0.87	0	12	9	12	10	NE.		
Southern Section.....	60.0	-4.9	91	23	{Jeffersville} {Madison...}	30	5	Salem.....	3.66	-0.28	T	12	11	11	9	NE.		
State.....	56.8	-5.9	91	23	{Jeffersville} {Madison...}	28	11	South Bend..	3.71	-0.66	T	12	10	11	10	NE.		