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SICKNESS AMONG MALE INDUSTRIAL EMPLOYEES DURING THE THIRD QUARTER OF 1932¹

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The incidence rate of illness causing absence from work for more than one week among 131,000 male industrial employees was lower in the third quarter of 1932 than in the corresponding period of any one of the three preceding years. In 1931 and 1932 identical industrial establishments were included, and in 1929 and 1930 a large majority of the groups under consideration was the same.

Both respiratory and nonrespiratory disease groups participated in the indicated decline in sickness frequency, although the percentage decrease was greater in the respiratory group.

In comparing the frequency of different respiratory diseases during the third quarter of 1932 with the rate for the same months of 1931, one finds that influenza and the so-called "minor" respiratory diseases (bronchitis, tonsillitis, etc.) decreased in frequency during the recent quarter-year, but the more serious respiratory diseases, such as pneumonia and tuberculosis, did not recede from the level established during the third quarter of 1931.

Turning to the nonrespiratory diseases one finds that the rate for each one of the digestive disease categories shown in the accompanying table, with the exception of hernia, was lower in the third quarter of 1932 than during the corresponding period of any of the three preceding years. The same result was found for the rheumatic group of diseases as a whole and for each of the three subdivisions of that group shown in Table 1. The occurrence of epidemic diseases among the industrial workers under consideration appeared also to be at ebb tide during the quarter-year under review. Again a marked decrease occurred in the incidence of diseases of the skin. A favorable trend for this group may be noted in the statistics for 1931 as well as for those covering the first three quarters of 1932.

¹ The report for the second quarter was published in PUBLIC HEALTH REPORTS for Nov. 25, 1932.

A few disease groups exhibit evidence of resistance to the general downward trend of sickness incidence among the industrial workers covered in the record. Among these may be mentioned neurasthenia and kindred conditions, hernia, and the so-called "degenerative" diseases—i. e., diseases of the heart and arteries and genito-urinary diseases—the rates for which were all slightly higher in the third quarter of 1932 than in the same months of 1929.

The reporting establishments are located in different parts of the United States, but a preponderance of the cooperating companies lie east of the Mississippi and north of the Ohio. As pointed out in previous communications, both full-time and part-time workers are included, but very few unemployed persons, since memberships in the associations are usually terminated automatically when employees are indefinitely laid off.

TABLE 1.—*Frequency of disability lasting eight calendar days or longer in the third quarter of 1932 compared with the same quarter of 1931, 1930, and 1929 (male morbidity experience of 33 industrial establishments which reported their cases to the United States Public Health Service during all four years)*¹

Diseases and disease groups which caused disability. (Numbers in parentheses are disease title numbers from the International List of the Causes of Death, Fourth Revision, Paris, 1929)	Annual number of disabilities per 1,000 men in third quarter of—			
	1932	1931	1930	1929
Sickness and nonindustrial injuries ¹	73.5	81.2	78.0	88.8
Nonindustrial injuries.....	13.4	14.5	12.5	13.6
Sickness ²	60.1	66.7	65.5	75.2
Respiratory diseases.....	15.1	17.1	18.0	24.0
Influenza and grippé (11).....	4.1	4.4	4.4	6.7
Bronchitis—acute and chronic (106).....	2.2	2.6	2.8	3.6
Pneumonia—all forms (107-109).....	.8	.7	1.2	1.5
Diseases of the pharynx and tonsils (115a).....	3.4	4.2	4.8	6.0
Tuberculosis of the respiratory system (23).....	1.3	1.1	.9	1.3
Other respiratory diseases (104, 105, 110-114).....	3.3	4.1	3.9	4.9
Nonrespiratory diseases.....	45.0	49.6	47.5	51.2
Diseases of the stomach, cancer excepted (117, 118).....	4.0	5.0	4.8	4.7
Diarrhea and enteritis (120).....	1.5	2.0	1.9	2.3
Appendicitis (121).....	3.2	3.4	3.7	4.8
Hernia (122a).....	2.4	2.0	1.5	1.8
Other digestive diseases (115b, 116, 122b-129).....	2.7	3.2	2.9	3.7
Rheumatic group, total.....	8.2	10.0	10.0	10.3
Rheumatism—acute and chronic (56-58).....	3.5	4.3	4.5	4.6
Diseases of the organs of locomotion (156b).....	2.7	3.2	3.1	3.5
Neuralgia, neuritis, and sciatica (87a).....	2.0	2.5	2.4	2.2
Neurasthenia and the like (part of 87b).....	1.5	1.6	1.2	1.4
Other diseases of the nervous system (78-85, part of 87b).....	1.4	1.1	1.2	1.3
Diseases of the heart and arteries and nephritis (90-99, 102, 130-132).....	4.0	3.1	2.8	3.5
Other genito-urinary diseases (133-138).....	2.3	2.6	2.3	2.1
Diseases of the skin (151-153).....	3.2	3.8	4.4	4.6
Epidemic and endemic diseases except influenza (1-10, 12-18, 33, 37, 38, part of 39 and 44).....	1.1	1.4	1.4	1.2
Ill-defined and unknown causes (200).....	2.6	3.0	2.3	1.9
All other diseases (19-22, 24-32, 36, part of 39 and 44, 40-43, 45-55, 59-77, 88, 89, 100, 101, 103, 154-156a, 157, 162).....	6.9	7.4	7.1	7.6
Average number of males covered in the record.....	131,497	162,716	160,115	163,851
Number of companies included.....	33	33	26	23

¹ Except that the rates for 1930 and 1929 cover 26 and 23 companies, respectively, instead of 33 in 1931 and 1932. The rates for the corresponding periods of preceding years differ somewhat from those shown in earlier publications because data for additional groups have become available in the meantime.

² Exclusive of disability from venereal disease.

EXTENT OF RURAL HEALTH SERVICE IN THE UNITED STATES, 1928-1932

According to data obtained by the United States Public Health Service from the health departments of the States, Table 1 presents a list, by States, of counties, townships, or districts in which the rural sections thereof at the beginning of the calendar years 1928, 1929, 1930, 1931, and 1932, respectively, were provided with health service under the administration of local whole-time health officers.

The list for 1932 includes, as it did in 1931, all counties, townships, or districts which are operating in groups under the direction of local whole-time health officers, who are maintained jointly by the pooling of local official appropriations. Also all counties, townships, or districts are included in which there are whole-time local health organizations maintained entirely by the State health departments.

TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers*

ALABAMA

1928	1929	1930	1931	1932
Baldwin.	Baldwin.	Baldwin.	Baldwin.	Baldwin.
Barbour.	Barbour.	Barbour.	Barbour.	Barbour.
Calhoun.	Blount.	Blount.	Blount.	Blount.
Chambers.	Bullock.	Bullock.	Bullock.	Bullock.
Coffee.	Calhoun.	Calhoun.	Calhoun.	Calhoun.
Colbert.	Chambers.	Chambers.	Chambers.	Chambers.
Covington.	Cherokee.	Cherokee.	Cherokee.	Cherokee.
Cullman.	Clarke.	Choctaw.	Choctaw.	Choctaw.
Dale.	Cleburne.	Clarke.	Clarke.	Clarke.
Dallas.	Coffee.	Cleburne.	Cleburne.	Cleburne.
Elmore.	Colbert.	Coffee.	Coffee.	Coffee.
Escambia.	Conecuh.	Colbert.	Colbert.	Colbert.
Etowah.	Covington.	Conecuh.	Conecuh.	Conecuh.
Franklin.	Crenshaw.	Covington.	Covington.	Covington.
Houston.	Cullman.	Crenshaw.	Crenshaw.	Crenshaw.
Jefferson.	Dale.	Cullman.	Cullman.	Cullman.
Lauderdale.	Dallas.	Dale.	Dale.	Dale.
Lawrence.	De Kalb.	Dallas.	Dallas.	Dallas.
Lee.	Elmore.	De Kalb.	De Kalb.	De Kalb.
Limestone.	Escambia.	Elmore.	Elmore.	Elmore.
Madison.	Etowah.	Escambia.	Escambia.	Escambia.
Marengo.	Franklin.	Etowah.	Etowah.	Etowah.
Marshall.	Houston.	Franklin.	Franklin.	Franklin.
Mobile.	Jackson.	Geneva.	Geneva.	Geneva.
Monroe.	Jefferson.	Houston.	Houston.	Houston.
Montgomery.	Lamar.	Jackson.	Jackson.	Jackson.
Morgan.	Lauderdale.	Jefferson.	Jefferson.	Jefferson.
Pike.	Lawrence.	Lamar.	Lamar.	Lamar.
Sumter.	Lee.	Lauderdale.	Lauderdale.	Lauderdale.
Talladega.	Limestone.	Lawrence.	Lawrence.	Lawrence.
Tallapoosa.	Lowndes.	Lee.	Lee.	Lee.
Tuscaloosa.	Macon.	Limestone.	Limestone.	Limestone.
Walker.	Madison.	Lowndes.	Lowndes.	Lowndes.
	Marengo.	Macon.	Macon.	Macon.
	Marshall.	Madison.	Madison.	Madison.
	Monroe.	Marengo.	Marengo.	Marengo.
	Montgomery.	Marion.	Marion.	Marion.
	Morgan.	Marshall.	Marshall.	Marshall.
	Pickens.	Mobile.	Mobile.	Mobile.
	Pike.	Montgomery.	Montgomery.	Montgomery.
	Shelby.	Morgan.	Morgan.	Morgan.
	Sumter.	Perry.	Perry.	Perry.
	Talladega.	Pickens.	Pickens.	Pickens.
	Tallapoosa.	Pike.	Pike.	Pike.
	Tuscaloosa.	Shelby.	Shelby.	Shelby.
	Walker.	Tuscaloosa.	Sumter.	Sumter.

TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1923, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued*

ALABAMA—Continued

1928	1929	1930	1931	1932
	Washington. Wilcox. Winston.	Walker. Washington. Wilcox. Winston.	Talladega. Tallapoosa. Tuscaloosa. Walker. Washington. Wilcox. Winston.	Talladega. Tallapoosa. Tuscaloosa. Walker. Washington. Wilcox. Winston.

ARIZONA

Cochise. Coconino. Yuma.	Cochise. Coconino. Yuma.	Cochise. Coconino. Yuma.	Cochise. Coconino. Gila. Maricopa. Pima. Yuma.	Cochise. Gila. Maricopa. Pima. Yuma.
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ARKANSAS

Arkansas. Ashley. Chicot. Conway. Crittenden. Cross. Desha. Drew. Garland. Jackson. Jefferson. Little River. Mississippi. Monroe. Phillips. Pope. Pulaski. Saline. Union. Woodruff. Yell.	Arkansas. Ashley. Chicot. Conway. Crittenden. Cross. Desha. Drew. Faulkner. Garland. Jackson. Jefferson. Little River. Mississippi. Monroe. Phillips. Pope. Pulaski. Saline. Sebastian. Union. White. Woodruff. Yell.	Arkansas. Ashley. Conway. Cross. Desha. Drew. Garland. Jackson. Jefferson. Little River. Mississippi. Monroe. Phillips. Pope. Pulaski. Saline. Sebastian. Union. White. Woodruff. Yell.	Arkansas. Ashley. Clark. Conway. Cross. Desha. Drew. Garland. Jackson. Jefferson. Little River. Lonoke. Mississippi. Monroe. Ouachita. Phillips. Pope. Pulaski. Saline. Sebastian. Union. White. Woodruff. Yell.	Arkansas. ¹ Ashley. Bradley. Clark. Cleburne. Conway. Crittenden. Cross. Desha. Drew. Garland. Jackson. Jefferson. Little River. Lonoke. ¹ Miller. Mississippi. Monroe. Ouachita. Perry. Phillips. Pope. Prairie. ¹ Pulaski. Saline. Sebastian. Union. White. Woodruff. Yell.
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CALIFORNIA

Los Angeles. Monterey. Orange. Riverside. San Diego. San Joaquin. San Luis Obispo. Santa Barbara. Yolo.	Contra Costa. Los Angeles. Madera. Monterey. Orange. Riverside. San Diego. San Joaquin. San Luis Obispo. Santa Barbara. Yolo.	Contra Costa. Los Angeles. Madera. Monterey. Orange. Riverside. San Diego. San Joaquin. San Luis Obispo. Santa Barbara. Stanislaus. Yolo.	Contra Costa. Imperial. Los Angeles. Madera. Monterey. Orange. Riverside. San Diego. San Joaquin. San Luis Obispo. Santa Barbara. Stanislaus. Yolo.	Contra Costa. Imperial. Los Angeles. Madera. Monterey. Orange. Riverside. San Bernardino. San Diego. San Joaquin. San Luis Obispo. Santa Barbara. Stanislaus. Yolo.
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¹ Included in 1 district of 3 counties.

TABLE 1.—List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

COLORADO

1928	1929	1930	1931	1932
Otero.	Otero.	Otero.	Otero.	Otero.

CONNECTICUT

Fairfield. ¹	Fairfield. ¹	Fairfield. ¹	Fairfield. ¹	Fairfield. ¹
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DELAWARE

Kent. Newcastle Sussex.	Kent. Newcastle. Sussex.	Kent. Newcastle. Sussex.	Kent. Newcastle. Sussex.	Kent. Newcastle. Sussex.
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FLORIDA

Manatee. Polk. Sarasota.	Manatee. Polk. Sarasota.	Manatee. Sarasota.	Leon. Manatee. Taylor.	Leon. Taylor.
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GEORGIA

Baldwin. Bartow. Bibb. Brooks. Chatham. Clarke. Cobb. Coffee. Colquitt. Crisp. Decatur. De Kalb. Dougherty. Floyd. Glynn. Hall. Laurens. Lowndes. Mitchell. Richmond. Spalding. Sumter. Thomas. Troup. Walker. Ware. Washington.	Baldwin. Bartow. Bibb. Brooks. Chatham. Clarke. Cobb. Coffee. Colquitt. Crisp. Decatur. De Kalb. Dougherty. Emanuel. Floyd. Glynn. Grady. Hall. Laurens. Lowndes. Mitchell. Richmond. Spalding. Sumter. Thomas. Troup. Walker. Washington. Wayne. Worth.	Baldwin. Bartow. Bibb. Brooks. Chatham. Clarke. Clinch. Cobb. Coffee. Colquitt. Crisp. Decatur. De Kalb. Dougherty. Emanuel. Floyd. Glynn. Grady. Hall. Jefferson. Jenkins. Laurens. Lowndes. Mitchell. Richmond. Spalding. Sumter. Thomas. Troup. Walker. Ware. Washington. Wayne. Worth.	Baldwin. Bartow. Bibb. Brooks. Chatham. Clarke. Clinch. Cobb. Coffee. Colquitt. Decatur. De Kalb. Dougherty. Floyd. Glynn. Grady. Hall. Jefferson. Jenkins. Laurens. Lowndes. Mitchell. Richmond. Spalding. Sumter. Thomas. Troup. Walker. Ware. Washington.	Baldwin. Bartow. Bibb. Brooks. Catoosa. ² Chatham. Chatooga. ³ Clarke. Cobb. Coffee. Colquitt. Dade. ³ Decatur. De Kalb. Dougherty. Floyd. Glynn. Gordon. ¹ Grady. Hall. Jefferson. Jenkins. Laurens. Lowndes. Mitchell. Murray. ¹ Richmond. Spalding. Sumter. Thomas. Troupe. Walker. ^{1 4} Ware. Washington. Whitfield. ³
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IDAHO

		Bonneville. Twin Falls.	Twin Falls.	Twin Falls.
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¹ Township.² Included in 1 district of 4 counties.³ Included in 1 district of 3 counties.⁴ Walker County also included in a tricounty district.

TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued*

ILLINOIS

1928	1929	1930	1931	1932
Cook. Du Page. Morgan.	Cook. Du Page. Morgan. Pulaski.	Du Page. Morgan.	Du Page. Morgan.	Du Page.

IOWA

			Washington. Woodbury.	Des Moines. Washington. Woodbury.
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KANSAS

Butler. Cherokee. Ellis. Geary. Greenwood. Jefferson. Lyon. Marion. Ottawa. Shawnee.	Brown. Butler. Cherokee. Geary. Greenwood. Jefferson. Lyon. Marion. Ottawa. Shawnee.	Brown. Butler. Cherokee. Dickinson. Geary. Greenwood. Lyon. Marion. Ottawa. Sedgwick. Shawnee.	Brown. Butler. Cherokee. Dickinson. Geary. Greenwood. Lyon. Marion. Ottawa. Sedgwick. Seward. Shawnee.	Brown. Butler. Cherokee. Dickinson. Geary. Greenwood. Lyon. Marion. Sedgwick. Shawnee.
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KENTUCKY

Ballard. Boyd. Breathitt. Carlisle. Carter. Daviss. Elliott. Estill. Fayette. Floyd. Fulton. Henderson. Hickman. Hopkins. Johnson. Knott. Lawrence. Lee. Leslie. Letcher. Magoffin. Martin. McLean. Menifee. Morgan. Owsley. Perry. Pike. Scott. Webster. Wolfe.	Ballard. Bell. Boyd. Breathitt. Bullitt. Carlisle. Carter. Daviss. Elliott. Estill. Fayette. Floyd. Fulton. Henderson. Hickman. Hopkins. Johnson. Knott. Knox. Lawrence. Lee. Leslie. Letcher. Magoffin. Martin. Mason. McLean. Menifee. Monroe. Morgan. Ohio. Owsley. Perry. Pike. Scott. Trigg. Webster. Whitley. Wolfe.	Ballard. Bell. Boyd. Breathitt. Bullitt. Calloway. Carlisle. Carter. Daviss. Elliott. Estill. Fayette. Floyd. Fulton. Henderson. Hickman. Hopkins. Jefferson. Johnson. Kenton. Knott. Knox. Lawrence. Lee. Leslie. Letcher. Madison. Magoffin. Martin. Mason. McLean. Menifee. Monroe. Morgan. Muhlenberg. Ohio. Owsley. Perry. Pike. Scott. Trigg. Union.	Bell. Boyd. Breathitt. Bullitt. Calloway. Carlisle. Carter. Daviss. Elliott. Estill. Fayette. Floyd. Fulton. Henderson. Hickman. Hopkins. Jefferson. Kenton. Knott. Knox. Lawrence. Lee. Leslie. Letcher. Lincoln. Madison. Magoffin. Martin. Mason. McLean. Menifee. Monroe. Morgan. Muhlenberg. Ohio. Owsley. Perry. Pike. Scott. Trigg. Union.	Adair. Allen. Anderson. Barren. Bath. Bell. Boyd. Breathitt. Bullitt. Butler. Caldwell. Calloway. Carlisle. Carter. Casey. Clinton. Daviss. Edmonson. Elliott. Estill. Fayette. Fleming. Floyd. Fulton. Gallatin. Grant. Grayson. Greenup. Hancock. Harrison. Hart. Henderson. Hickman. Hopkins. Jackson. Jefferson. Kenton. Knott. Knox. Laurel.
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TABLE 1.—List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

KENTUCKY—Continued

1928	1929	1930	1931	1932
		Wayne. Webster. Whitley. Wolfe.	Wayne. Webster.	Lawrence. Lee. Leslie. Letcher. Lewis. Lincoln. McCreary. McLean. Madison. Magoffin. Marshall. Martin. Mason. Meade. Menifee. Metcalfe. Monroe. Morgan. Muhlenberg. Nicholas. Ohio. Owen. Owsley. Perry. Pike. Powell. Pulaski. Robertson. Rockcastle. Rowan. Scott. Todd. Trigg. Trimble. Union. Warren. Wayne. Webster. Whitley. Wolfe.

LOUISIANA ¹

Assumption. Avoyelles. Caddo. Caldwell. Catahoula. Claiborne. Concordia. De Soto. East Carroll. Franklin. Iberia. Iberville. Lafayette. Lafourche. La Salle. Madison. Morehouse. Natchitoches. Ouachita. Plaquemines. Rapides. Richland. St. Martin. St. Mary. Tangipahoa. Tensas. Washington. Webster. West Carroll.	Assumption. Avoyelles. Caddo. Caldwell. Catahoula. Claiborne. Concordia. De Soto. East Carroll. Franklin. Iberia. Iberville. Lafayette. Lafourche. La Salle. Madison. Morehouse. Natchitoches. Ouachita. Point Coupee. Rapides. Richland. St. Landry. St. Martin. St. Mary. Tensas. Terrebonne. Webster. West Carroll.	Assumption. Avoyelles. Caddo. Caldwell. Catahoula. Claiborne. Concordia. De Soto. East Carroll. Franklin. Iberia. Iberville. Lafayette. Lafourche. La Salle. Lincoln. Madison. Morehouse. Natchitoches. Ouachita. Point Coupee. Rapides. Richland. St. Landry. St. Martin. St. Mary. Tensas. Terrebonne. Washington. Webster. West Carroll.	Assumption. Avoyelles. Caddo. Caldwell. Catahoula. Claiborne. Concordia. De Soto. East Carroll. Franklin. Iberia. Iberville. Lafayette. Lafourche. La Salle. Lincoln. Madison. Morehouse. Natchitoches. Ouachita. Point Coupee. Rapides. Richland. St. Landry. St. Martin. St. Mary. Tensas. Terrebonne. Webster. West Carroll.	Assumption. Avoyelles. Caddo. Caldwell. Catahoula. Claiborne. Concordia. De Soto. East Carroll. Evangeline. Franklin. Iberia. Iberville. Lafayette. Lafourche. La Salle. Lincoln. Madison. Morehouse. Natchitoches. Ouachita. Point Coupee. Rapides. Richland. St. Landry. St. Martin. St. Mary. Tensas. Terrebonne. Washington. Webster. West Carroll.
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¹ Parishes.

TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued*

MAINE

1928	1929	1930	1931	1932
Motbov Union. ³ Rumford. ³ Sanford. ³ Vassalboro. ³	Motbov Union. ³ Rumford. ³ Sanford. ³ Vassalboro. ³	Motbov Union. ³ Rumford. ³ Sanford. ³ Vassalboro. ³	Motbov Union. ³ Rumford. ³ Sanford. ³ Vassalboro. ³	Bar Harbor. Bucksport. Cooperative Health Union. ⁴ Motbov Union. ³ Rumford. ³ Sanford. ³

MARYLAND

Allegany. Baltimore. Calvert. Carroll. Frederick. Montgomery. Prince Georges. Talbot.	Allegany. Baltimore. Calvert. Carroll. Frederick. Harford. Montgomery. Prince Georges. Talbot.	Allegany. Baltimore. Calvert. Carroll. Cecil. Frederick. Harford. Montgomery. Prince Georges. Talbot. Wicomico.	Anne Arundel. Allegany. Baltimore. Calvert. Carroll. Cecil. Frederick. Harford. Kent. Montgomery. Prince Georges. Talbot. Washington. Wicomico.	Allegany. Anne Arundel. Baltimore. Calvert. Carroll. Cecil. Dorchester. Frederick. Garrett. Harford. Kent. Montgomery. Prince Georges. Queen Annes. Talbot. Washington. Wicomico. Worcester.
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MASSACHUSETTS

Barnstable. ³	Barnstable.	Barnstable.	Barnstable.	Barnstable. Nashoba. Southern Berkshire.
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MICHIGAN

Oakland. Saginaw. Wexford.	Genesee. Oakland. Saginaw. Wexford.	Alcona. ³ Alpena. ³ Antrim. ³ Charlevoix. ³ Cheboygan. ³ Crawford. ³ Emmet. ³ Genesee. Iosco. ³ Isabella. Kalkaska. ³ Kent. Midland. Missaukee. ³ Montmorency. ³ Oakland. Ogemaw. ³ Oscoda. ³ Otsego. ³ Ottawa. Presque Isle. ³ Roscommon. ³ Saginaw. Wexford.	Alcona. ³ Alpena. ³ Antrim. ³ Barry. Charlevoix. ³ Cheboygan. ³ Crawford. ³ Emmet. ³ Genesee. Iosco. ³ Isabella. Kalkaska. ³ Kent. Midland. Missaukee. ³ Montmorency. ³ Oakland. Ogemaw. ³ Oscoda. ³ Otsego. ³ Ottawa. Presque Isle. ³ Roscommon. ³ Saginaw. Wexford.
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³ Including municipalities of Orono, Milford, Bradley, Veazie, and Old Town.

⁴ Town (township) wholly or partly rural.

⁵ Including towns of Avon, Chesterville, Phillips, and Strong.

⁶ See Reprint No. 1184, p. 34, from Public Health Reports of Oct. 21, 1927.

⁷ Included in four districts of four counties each.

TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1932, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued*

MINNESOTA

1928	1929	1930	1931	1932
St. Louis.	St. Louis.	St. Louis.	St. Louis.	St. Louis.

MISSISSIPPI

Bolivar. Clarke. Coahoma. Forrest. Hancock. Harrison. Hinds. Holmes. Humphreys. Issaquena. Jackson. Jones. Lamar. Lee. Leflore. Pearl River. Perry. Sharkey. Sunflower. Tishomingo. Union. Warren. Washington. Yazoo.	Adams. Bolivar. Clarke. Coahoma. Copiah. Forrest. Hancock. Harrison. Hinds. Holmes. Humphreys. Issaquena. Jackson. Jones. Lamar. Lauderdale. Lee. Leflore. Lincoln. Monroe. Pearl River. Perry. Sharkey. Sunflower. Tishomingo. Union. Warren. Washington. Yazoo.	Adams. Bolivar. Clarke. Coahoma. Copiah. Forrest. Hancock. Harrison. Hinds. Holmes. Humphreys. Issaquena. Jackson. Lamar. Lauderdale. Lee. Leflore. Lincoln. Monroe. Pearl River. Perry. Sharkey. Sunflower. Tishomingo. Union. Warren. Washington. Yazoo.	Adams. Bolivar. Clarke. Coahoma. Copiah. Forrest. Hancock. Harrison. Hinds. Holmes. Humphreys. Issaquena. Jackson. Lamar. Lauderdale. Lee. Leflore. Lincoln. Monroe. Pearl River. Perry. Sharkey. Sunflower. Tishomingo. Union. Warren. Washington. Yazoo.	Adams. Bolivar. Clarke. Coahoma. Copiah. Forrest. Hancock. Harrison. Hinds. Holmes. Humphreys. Issaquena. Jackson. Lamar. Lauderdale. Lee. Leflore. Lincoln. Monroe. Pearl River. Perry. Pike. Sharkey. Sunflower. Tishomingo. Union. Warren. Washington. Yazoo.
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MISSOURI

Boone. Dunklin. Greene. Holt. Jackson. Marion. Mississippi. New Madrid. Nodaway. Pemiscot. Pettis. Scott. St. Francois. St. Louis.	Boone. Dunklin. Greene. Jackson. Marion. Mississippi. New Madrid. Nodaway. Pemiscot. St. Francois. St. Louis. Scott.	Boone. Buchanan. Dunklin. Greene. Jackson. Marion. Mississippi. New Madrid. Nodaway. Pemiscot. St. Francois. St. Louis. Scott.	Boone. Buchanan. Dunklin. Greene. Jackson. Marion. Miller. New Madrid. Nodaway. Pemiscot. Scott. St. Francois. St. Louis.	Boone. Buchanan. Dunklin. Greene. Jackson. Marion. Miller. New Madrid. Pemiscot. St. Louis. Scott.
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MONTANA

Cascade. Lewis and Clark. Missoula.	Cascade. Lewis and Clark. Missoula.	Cascade. Gallatin. Lewis and Clark. Missoula.	Cascade. Gallatin. Lewis and Clark. Missoula.	Cascade. Gallatin. Lewis and Clark. Missoula.
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NEW MEXICO

Bernalillo. Chaves. Dona Ana. Eddy. McKinley. Santa Fe. Union. Valencia.	Bernalillo. Chaves. Dona Ana. Eddy. Santa Fe. Union. Valencia.	Bernalillo. Chaves. Dona Ana. Eddy. McKinley. Union. Valencia.	Bernalillo. Dona Ana. Eddy. Lea. McKinley. Santa Fe. Union. Valencia.	Bernalillo. Dona Ana. Eddy. Santa Fe. Union. Valencia.
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TABLE 1.—List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

NEW YORK

1928	1929	1930	1931	1932
Cattaraugus.	Cattaraugus. Suffolk	Cattaraugus. Cortland. Suffolk. Westchester.	Cattaraugus. Cortland. Suffolk. Westchester.	Cattaraugus. Cortland. Suffolk. Westchester.

NORTH CAROLINA

Beaufort. Bertie. Bladen. Brunswick. Buncombe. Cabarrus. Carteret. Columbus. Craven. Cumberland. Davidson. Durham. Edgecombe. Forsyth. Gaston. Granville. Guilford. Halifax. Henderson. Johnston. Lenoir. Mecklenburg. Nash. New Hanover. Northampton. Pamlico. Pitt. Richmond. Robeson. Rowan. Rutherford. Sampson. Surry. Vance. Wake. Wayne. Wilkes. Wilson.	Beaufort. Bertie. Bladen. Brunswick. Buncombe. Cabarrus. Columbus. Craven. Cumberland. Davidson. Durham. Edgecombe. Forsyth. Gaston. Granville. Guilford. Halifax. Henderson. Johnston. Lenoir. Mecklenburg. Moore. Nash. New Hanover. Northampton. Pamlico. Pitt. Richmond. Randolph. Robeson. Rowan. Rutherford. Sampson. Surry. Vance. Wake. Wayne. Wilkes. Wilson.	Beaufort. Bertie. Bladen. Buncombe. Cabarrus. Cherokee. Columbus. Craven. Cumberland. Davidson. Durham. Edgecombe. Forsyth. Gaston. Granville. Guilford. Halifax. Henderson. Johnston. Lenoir. Mecklenburg. Moore. Nash. New Hanover. Northampton. Pitt. Randolph. Richmond. Robeson. Rowan. Rutherford. Sampson. Surry. Vance. Wake. Wayne. Wilkes. Wilson.	Beaufort. Bertie. Bladen. Buncombe. Cabarrus. Columbus. Cherokee. Columbus. Craven. Cumberland. Davidson. Durham. Edgecombe. Forsyth. Franklin. Gaston. Guilford. Granville. Halifax. Henderson. Johnston. Lenoir. Mecklenburg. Moore. Nash. New Hanover. Northampton. Pitt. Randolph. Richmond. Robeson. Rowan. Rutherford. Sampson. Stokes. Surry. Vance. Wake. Wayne. Wilkes. Wilson. Yadkin.	Beaufort. Bladen. Buncombe. Cabarrus. Columbus. Cumberland. Davidson. Durham. Edgecombe. Forsyth. Franklin. Gaston. Granville. Guilford. Halifax. Johnston. Lenoir. Mecklenburg. Moore. New Hanover. Northampton. Pitt. Randolph. Richmond. Robeson. Rowan. Rutherford. Sampson. Stokes. Surry. Vance. Wake. Wayne. Wilkes. Wilson. Yadkin.
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OHIO

Allen. Ashtabula. Belmont. Butler. Clermont. Clinton. Columbiana. Coshocton. Crawford. Cuyahoga. Darke. Delaware. Erie. Fayette. Franklin. Geauga. Hamilton. Hancock. Hocking. Huron. Jefferson. Lake. Lorain. Lucas.	Allen. Ashtabula. Belmont. Butler. Clinton. Columbiana. Coshocton. Crawford. Cuyahoga. Darke. Delaware. Erie. Fayette. Franklin. Geauga. Hamilton. Hancock. Hocking. Huron. Jefferson. Lake. Lorain. Lucas.	Allen. Ashtabula. Belmont. Butler. Clinton. Columbiana. Coshocton. Crawford. Cuyahoga. Darke. Delaware. Erie. Fayette. Franklin. Geauga. Hamilton. Hancock. Hocking. Huron. Jefferson. Lake. Lorain. Lucas.	Allen. Ashtabula. Belmont. Butler. Clinton. Columbiana. Coshocton. Crawford. Cuyahoga. Darke. Delaware. Erie. Fayette. Franklin. Hamilton. Hancock. Hocking. Huron. Jackson. Jefferson. Lorain. Lucas. Mahoning.	Allen. Ashtabula. Belmont. Butler. Clinton. Columbiana. Coshocton. Crawford. Cuyahoga. Darke. Delaware. Erie. Fayette. Franklin. Guernsey. Hamilton. Hancock. Hocking. Huron. Jackson. Jefferson. Lorain. Lucas.
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TABLE 1.—List of counties, townships, or districts in which, as of Jan. 1, 1923, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

OHIO—Continued

1928	1929	1930	1931	1932
Lucas. Mahoning. Marion. Meigs. Mercer. Miami. Montgomery. Morrow. Muskingum. Perry. Preble. Richland. Ross. Sandusky. Scioto. Seneca. Shelby. Stark. Summit. Trumbull. Tuscarawas. Washington. Wayne. Wood.	Mahoning. Marion. Meigs. Mercer. Miami. Montgomery. Morrow. Perry. Preble. Richland. Ross. Sandusky. Scioto. Seneca. Shelby. Stark. Summit. Tuscarawas. Washington. Wayne. Wood.	Mahoning. Marion. Meigs. Mercer. Miami. Montgomery. Morrow. Perry. Pickaway. Preble. Richland. Ross. Sandusky. Scioto. Seneca. Shelby. Stark. Summit. Trumbull. Tuscarawas. Washington. Wayne. Wood.	Marion. Meigs. Mercer. Miami. Montgomery. Morrow. Muskingum. Perry. Pickaway. Preble. Richland. Ross. Sandusky. Scioto. Seneca. Shelby. Stark. Summit. Trumbull. Tuscarawas. Washington. Wayne. Wood.	Mahoning. Marion. Medina. Meigs. Mercer. Miami. Montgomery. Morrow. Perry. Pickaway. Preble. Richland. Ross. Scioto. Seneca. Shelby. Stark. Summit. Trumbull. Tuscarawas. Washington. Wayne. Wood.

OKLAHOMA

Carter. Kay. Le Flore. McCurtain. Muskogee. Okmulgee. Ottawa. Pittsburg. Seminole.	Carter. Kay. Le Flore. McCurtain. Muskogee. Okmulgee. Ottawa. Pittsburg. Seminole.	Carter. Le Flore. McCurtain. Muskogee. Okmulgee. Osage. Pittsburg. Seminole.	Carter. Le Flore. McCurtain. Muskogee. Okmulgee. Ottawa. Pittsburg. Pottawatomie. Seminole.	Carter. Le Flore. McCurtain. Muskogee. Okmulgee. Ottawa. Pittsburg. Pottawatomie. Seminole.
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OREGON

Clackamas. Coos. Douglas. Jackson. Klamath. Marion. Multnomah.	Clackamas. Coos. Douglas. Jackson. Klamath. Marion. Multnomah.	Clackamas. Coos. Douglas. Jackson. Klamath. Marion. Multnomah.	Clackamas. Coos. Douglas. Jackson. Klamath. Lane. Marion. Multnomah.	Clackamas. Coos. Douglas. Jackson. Klamath. Lane. Marion. Multnomah.
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PENNSYLVANIA

			Allegheny. Bucks. Luzerne.	Allegheny. Bucks. Luzerne.
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SOUTH CAROLINA

Aiken. Anderson. Beaufort. Charleston. Cherokee. Darlington. Dillon. Fairfield. Georgetown. Greenville. Greenwood.	Aiken. Anderson. Beaufort. Berkeley. Charleston. Cherokee. Darlington. Dillon. Dorchester. Fairfield. Georgetown.	Aiken. Anderson. Beaufort. Berkeley. Charleston. Cherokee. Darlington. Dillon. Dorchester. Fairfield. Florence.	Aiken. Anderson. Beaufort. Berkeley. Charleston. Cherokee. Darlington. Dillon. Dorchester. Fairfield. Florence.	Aiken. Anderson. Beaufort. Berkeley. Charleston. Cherokee. Darlington. Dillon. Dorchester. Fairfield. Florence.
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TABLE 1.—*List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued*

SOUTH CAROLINA—Continued

1928	1929	1930	1931	1932
Horry. Marion. Newberry. Orangeburg. Spartanburg.	Greenville. Greenwood. Horry. Marion. Newberry. Oconee. Orangeburg. Richland. Spartanburg.	Georgetown. Greenville. Greenwood. Horry. Kershaw. Lexington. Marion. Newberry. Oconee. Orangeburg. Richland. Spartanburg.	Georgetown. Greenville. Greenwood. Horry. Kershaw. Lexington. Marion. Newberry. Oconee. Orangeburg. Richland. Spartanburg.	Georgetown. Greenville. Greenwood. Horry. Kershaw. Lexington. Marion. Newberry. Oconee. Orangeburg. Pickens. Richland. Spartanburg.

SOUTH DAKOTA

Pennington.	Pennington.	Pennington.	Pennington.	Pennington.
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TENNESSEE

Blount. Bradley. Davidson. Dyer. Gibson. Hamilton. Lake. Lauderdale. Montgomery. Obion. Roane. Rutherford. Sevier. Shelby. Washington. Weakley. Williamson.	Blount. Bradley. Carter. Davidson. Dyer. Gibson. Hamilton. Greene. Knox. Lake. Lauderdale. Monroe. Montgomery. Obion. Roane. Rutherford. Sevier. Shelby. Sullivan. Washington. Weakley. Williamson. Wilson.	Bledsoe. Blount. Bradley. Carter. Clay. Davidson. Dyer. Fentress. Gibson. Giles. Greene. Grundy. Hamilton. Hardeman. Jackson. Knox. Lake. Lauderdale. Lincoln. Meigs. Monroe. Montgomery. Obion. Overton. Pickett. Rhea. Roane. Rutherford. Sequatchie. Sevier. Shelby. Sullivan. Sumner. Tipton. Washington. Weakley. Williamson. Wilson.	Bledsoe. Blount. Bradley. Carter. Clay. Davidson. Dyer. Fentress. Gibson. Giles. Greene. Grundy. Hamilton. Hardeman. Humphreys. Jackson. Knox. Lake. Lauderdale. Lewis. Lincoln. Maury. Meigs. Monroe. Montgomery. Obion. Overton. Pickett. Rhea. Roane. Rutherford. Sequatchie. Sevier. Shelby. Sullivan. Sumner. Tipton. Unicoi. Washington. Weakley. Williamson. Wilson.	Bledsoe ¹ Blount. Bradley. Carter. Clay. ¹ Cumberland. Davidson. ¹ Dyer. Fentress. ¹ Gibson. Giles. Greene. Grundy. ¹ Hamilton. Hardeman. Humphreys. Jackson. ¹ Knox. Lake. Lauderdale. Lewis. Lincoln. Maury. Meigs. ¹ Monroe. Montgomery. Obion. Overton. ¹ Pickett. ¹ Rhea. ¹ Roane. Rutherford. Sequatchie. ¹ Sevier. Shelby. Sullivan. Sumner. Tipton. Unicoi. Washington. Weakley. Williamson. Wilson.
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¹ Included in 1 district of 3 counties.² Included in 4 districts of 2 counties each.

TABLE 1.—List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

TEXAS

1928	1929	1930	1931	1932
Cameron. Hidalgo. McLennan. Tarrant.	Cameron. Hidalgo. McLennan. Tarrant.	Cameron. Hidalgo. Jefferson. McLennan. Nolan. Tarrant.	Cameron. Hidalgo. Jefferson. McLennan. Nolan. Potter. Tarrant.	Cameron. ¹ Cass. Hidalgo. ¹ Jefferson. McLennan. Nolan. Potter. Starr. ¹ Willacy. ¹

UTAH

1928	1929	1930	1931	1932
Box Elder. Davis. Summit. Utah. Wasatch.	Box Elder. Davis. Utah.	Box Elder. Davis. Utah.	Davis. Utah.	Davis. Utah.

VIRGINIA

1928	1929	1930	1931	1932
Accomac. Albemarle. Arlington. Augusta. Brunswick. Halifax. Henrico. Isle of Wight. Nansemond. Norfolk. Northampton. Princess Anne. Rockbridge. Southampton.	Accomac. Albemarle. Arlington. Augusta. Brunswick. Greensville. Halifax. Henrico. Isle of Wight. Nansemond. Norfolk. Northampton. Princess Anne. Rockbridge. Southampton. Wise.	Accomac. Albemarle. Arlington. Augusta. Brunswick. Fairfax. Greensville. Halifax. Henrico. Isle of Wight. Nansemond. Norfolk. Northampton. Princess Anne. Rockbridge. Southampton. Wise.	Accomac. Albemarle. Amelia. ¹ Appomattox. ¹ Arlington. Augusta. Brunswick. Buckingham. ¹ Charlotte. ¹ Cumberland. ¹ Fairfax. Greensville. Halifax. Henrico. Isle of Wight. Lunenburg. ¹ Nansemond. Norfolk. Northampton. Nottoway. ¹ Powhatan. ¹ Prince Edward. ¹ Princess Anne. Rockbridge. Southampton. Wise.	Accomac. ¹ Albemarle. Amelia. ¹ Appomattox. ¹ Arlington. Augusta. Brunswick. ¹ Buckingham. ¹ Charlotte. ¹ Cumberland. ¹ Fairfax. Greensville. ¹ Halifax. Henrico. Isle of Wight. ¹ Lunenburg. ¹ Nansemond. ¹ Norfolk. ¹ Northampton. ¹ Nottoway. ¹ Pittsylvania. Powhatan. ¹ Prince Edward. ¹ Princess Anne. ¹ Rockbridge. Southampton. Wise.

WASHINGTON

1928	1929	1930	1931	1932
Chelan. King. Snohomish. Spokane. Walla Walla. Whitman. Yakima.	Chelan. King. Snohomish. Spokane. Walla Walla. Whitman. Yakima.	Chelan. Clark. King. Snohomish. Spokane. Walla Walla. Whitman. Yakima.	Chelan. Clark. King. Snohomish. Spokane. Walla Walla. Whitman. Yakima.	Chelan. Clark. King. Snohomish. Spokane. Walla Walla. Whitman. Yakima.

¹ Included in 1 district of 9 counties.

² Included in 1 district of 4 counties.

³ Included in 4 districts of 2 counties each.

TABLE 1.—List of counties, townships, or districts in which as of Jan. 1, 1928, 1929, 1930, 1931, and 1932, respectively, rural sections were provided with health service under local whole-time health officers—Continued

WEST VIRGINIA

1928	1929	1930	1931	1932
Berkeley.	Berkeley.	Berkeley.	Berkeley.	Berkeley.
Boone.	Boone.	Boone.	Boone.	Boone.
Brooke.	Brooke.	Brooke.	Brooke.	Brooke.
Gilmer.	Fayette.	Fayette.	Fayette.	Doddridge. ¹
Hancock.	Gilmer.	Gilmer.	Gilmer.	Fayette.
Harrison.	Hancock.	Hancock.	Hancock.	Hancock.
Kanawha.	Harrison.	Harrison.	Harrison.	Harrison.
Lewis.	Kanawha.	Kanawha.	Kanawha.	Kanawha.
Logan.	Logan.	Logan.	Logan.	Logan.
Marion.	Marion.	Marion.	Marion.	Marion.
Marshall.	Ohio.	Monongalia.	Marshall.	Marshall.
Ohio.	Preston.	Ohio.	Monongalia.	Monongalia.
Preston.	Raleigh.	Preston.	Ohio.	Ohio.
Wood.	Wood.	Raleigh.	Preston.	Pleasants. ¹
		Wood.	Raleigh.	Preston.
			Wood.	Raleigh.
				Ritchie. ¹
				Tyler. ¹
				Wetzel. ¹
				Wood.

WYOMING

Natrona.	Natrona.			
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¹ Included in 1 district of 5 counties.

Résumé of Table 1

State	Number of counties Jan. 1					Increase or decrease in—			
	1928	1929	1930	1931	1932	1928	1929	1930	1931
Alabama.....	33	50	51	54	54	+17	+1	+3	—1
Arizona.....	3	3	3	6	5			+3	+3
Arkansas.....	21	24	21	24	30	+3	—3	+3	+6
California.....	9	11	12	13	14	+2	+1	+1	+1
Colorado.....	1	1	1	1	1				
Connecticut.....	1	1	1	1	1				
Delaware.....	3	3	3	3	3				
Florida.....	3	3	2	3	2		—1	+1	—1
Georgia.....	27	31	34	30	35	+4	+3	—4	+5
Idaho.....			2	1	1		+2	—1	
Illinois.....	3	4	2	2	1	+1	—2		—1
Iowa.....				2	3			+2	+1
Kansas.....	10	10	11	12	10		+1	+1	—2
Kentucky.....	32	39	46	43	81	+7	+6	—2	+33
Louisiana.....	28	29	31	31	32	+1	+2		+1
Maine.....	4	4	4	4	6				+2
Maryland.....	8	9	11	14	18	+1	+2	+3	+4
Massachusetts.....	1	1	1	1	3				+2
Michigan.....		3	4	21	25	+3	+1	+20	+1
Minnesota.....	1	1	1	1	1				
Mississippi.....	24	29	28	28	29	+5	—1		+1
Missouri.....	14	12	13	13	11	—2	+1		—2
Montana.....	3	3	4	4	4		+1		
New Mexico.....	8	7	7	8	6	—1		+1	—2
New York.....	1	2	4	4	4	+1	+2		
North Carolina.....	37	39	38	39	36	+2		+1	—3
Ohio.....	47	45	46	46	46	—2	+1		
Oklahoma.....	9	10	9	9	9	+1	—1		
Oregon.....	7	7	7	8	3			+1	
Pennsylvania.....				3	3			+3	
South Carolina.....	16	20	23	23	24	+4	+3		+1
South Dakota.....	1	1	1	1	1				
Tennessee.....	17	23	38	42	43	+6	+15	+4	+1
Texas.....	4	4	6	7	9		+2	+1	+2
Utah.....	5	3	3	2	2	—2		—1	
Virginia.....	14	16	17	26	27	+2	+1	+9	+1
Washington.....	7	7	8	8	8		+1		
West Virginia.....	14	14	15	16	20		+1	+1	+4
Wyoming.....	1	1					—1		
Total.....	417	470	507	557	616	+53	+37	+50	+59

¹ Information that 3 units had been operating in Delaware on Jan. 1, 1928, 1929, and 1930, was not received until after publication of the report on extent of rural health service on Jan. 1, 1931, Public Health Reports, Sept. 11, 1931, p. 2173.

The accompanying map shows the location of the counties, townships, or districts in the United States in the rural sections of which health service under the direction of local whole-time health officers was in operation on January 1, 1932.

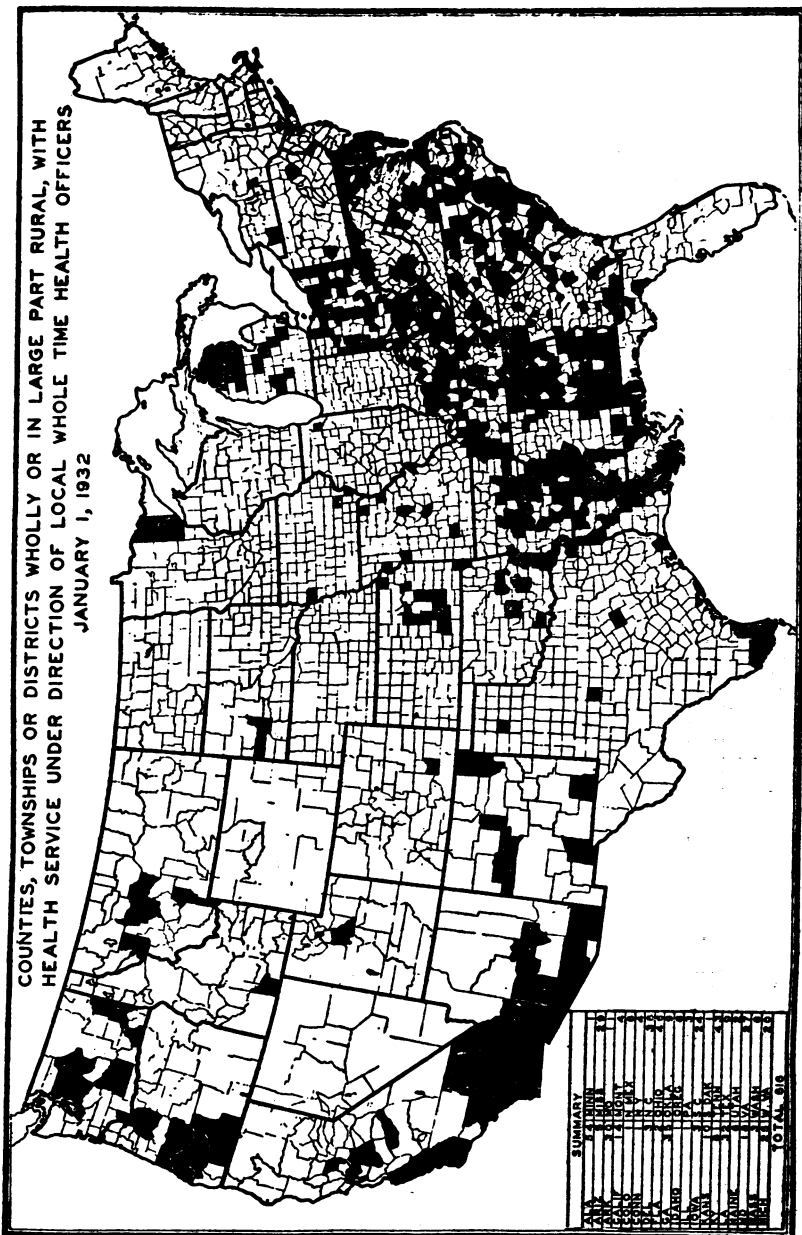


FIGURE 1.—Rural areas having whole-time health officers, 1932

Within the period January 1, 1931, to January 1, 1932, whole-time health service was established in 71 units and was discontinued in 12—a net gain of 59. The largest gain in one State was that of 38 in

Kentucky. Delaware leads in the percentage of rural population under whole-time health service, all of its three counties having been provided with local whole-time health organizations by the State. Of the States in which the local governmental units maintain the health organizations, with or without assistance from the State health department or other sources, Maryland, with 87.5, had the highest percentage of rural population under whole-time health service.

TABLE 2.—Percentage of rural population having on January 1, 1932, health service under local whole-time health officers

State	Rural population as of Jan. 1, 1932 (estimated from 1930 census)	Rural population with local health service under direction of whole-time health officers	Percentage of rural population with local health service under direction of whole-time health officers
Alabama.....	1, 912, 751	1, 637, 548	85.6
Arizona.....	297, 510	179, 725	60.4
Arkansas.....	1, 473, 293	717, 607	48.7
California.....	1, 588, 618	763, 321	48.0
Colorado.....	520, 952	13, 771	2.6
Connecticut.....	480, 398	18, 199	3.8
Delaware.....	117, 453	117, 453	100.0
Florida.....	724, 786	23, 168	3.2
Georgia.....	¹ 2, 013, 016	592, 517	29.4
Idaho.....	315, 985	21, 206	6.7
Illinois.....	¹ 1, 994, 927	25, 015	1.3
Indiana.....	¹ 1, 442, 611	0	0.0
Iowa.....	¹ 1, 491, 647	49, 032	3.3
Kansas.....	¹ 1, 151, 165	174, 108	15.1
Kentucky.....	1, 821, 108	1, 295, 471	71.1
Louisiana.....	1, 284, 743	741, 685	57.7
Maine.....	477, 193	47, 323	9.9
Maryland.....	669, 703	586, 061	87.5
Massachusetts.....	455, 076	67, 393	14.8
Michigan.....	1, 559, 609	421, 875	27.1
Minnesota.....	¹ 1, 306, 337	48, 313	3.7
Mississippi.....	1, 691, 538	717, 246	42.4
Missouri.....	¹ 1, 770, 248	386, 960	21.9
Montana.....	¹ 356, 570	35, 139	9.9
Nebraska.....	891, 991	0	0.0
Nevada.....	¹ 56, 594	0	0.0
New Hampshire.....	197, 146	0	0.0
New Jersey.....	705, 697	0	0.0
New Mexico.....	320, 105	87, 623	27.4
New York.....	2, 112, 333	272, 427	12.9
North Carolina.....	2, 410, 224	1, 251, 877	51.9
North Dakota.....	569, 060	0	0.0
Ohio.....	2, 149, 069	1, 343, 097	62.5
Oklahoma.....	1, 588, 965	319, 986	20.1
Oregon.....	476, 275	224, 740	47.2
Pennsylvania.....	¹ 3, 097, 139	379, 607	12.3
Rhode Island.....	58, 360	0	0.0
South Carolina.....	¹ 1, 367, 685	861, 180	63.0
South Dakota.....	566, 597	10, 141	1.8
Tennessee.....	¹ 1, 720, 018	915, 231	53.2
Texas.....	3, 483, 993	213, 941	6.1
Utah.....	242, 909	29, 874	12.3
Vermont.....	¹ 240, 845	0	0.0
Virginia.....	1, 636, 504	590, 007	36.1
Washington.....	690, 973	305, 557	44.2
West Virginia.....	1, 262, 116	618, 296	49.0
Wisconsin.....	¹ 1, 385, 163	0	0.0
Wyoming.....	158, 612	0	0.0
Total.....	54, 305, 610	16, 103, 660	29.7

¹ 1930 census; no estimate for Jan. 1, 1932, made.

Of the 616 counties, townships, or districts with health service under local whole-time health officers at the beginning of the present calendar year, 565, or 91.7 per cent, are receiving financial assistance for the support of their health service from one or more of the following agencies: The State board of health, the United States Public Health

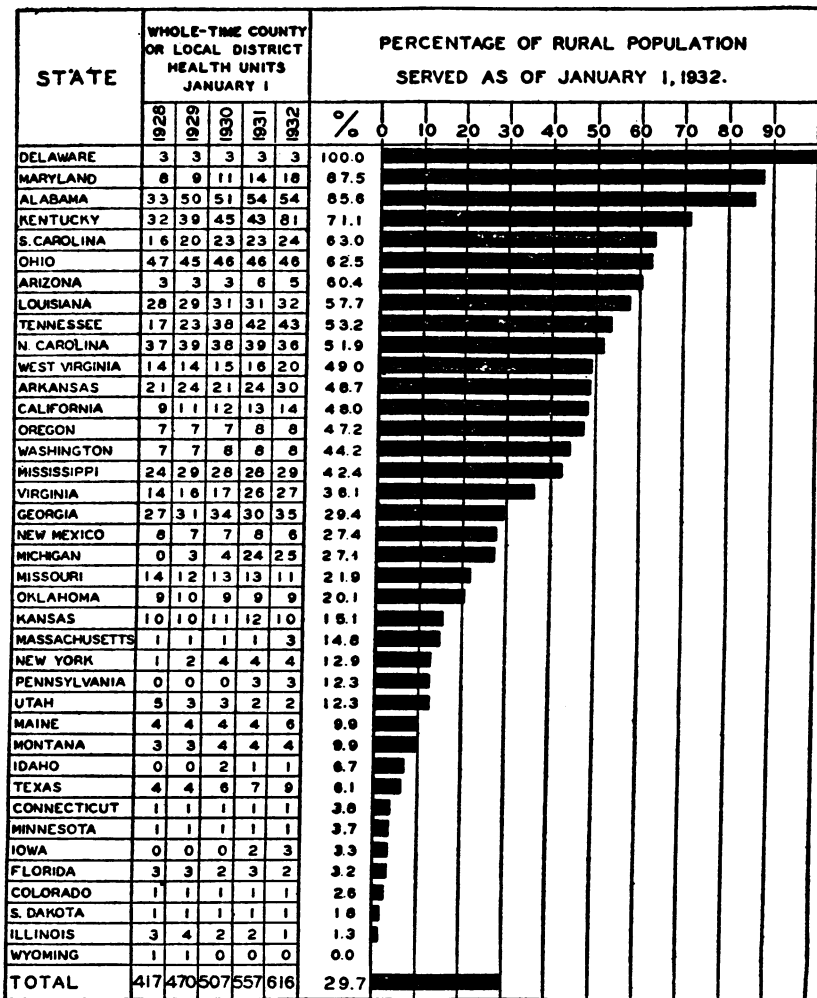


FIGURE 2.—Number of whole-time county health units, by States, 1928-1932, and percentage of rural population served on January 1, 1932

Service, the Rockefeller Foundation, the Rosenwald Fund, Commonwealth Fund, Couzens Fund, and Women's Hospital Fund.

Table 2 presents, by States, the percentage of rural population having health service under the direction of local whole-time health officers at the beginning of 1932. It will be noted that slightly over 70 per cent of our rural population is as yet unprovided with local health service approaching adequacy.

The accompanying chart shows, by States, the number of counties, townships, or districts with health service under the direction of local whole-time health officers as of January 1, 1928, 1929, 1930, 1931, and 1932, and the percentage of the rural population of each State receiving such service on January 1, 1932. Also it shows the total number of counties, townships, or districts in the United States having local whole-time health service, together with the percentage of the rural population of the entire United States served by local whole-time health organizations.

DEATHS DURING WEEK ENDED NOVEMBER 26, 1932

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Nov. 26, 1932	Correspond- ing week, 1931
Data from 85 large cities of the United States:		
Total deaths.....	7,702	7,230
Deaths per 1,000 population, annual basis.....	11.0	10.5
Deaths under 1 year of age.....	578	530
Deaths under 1 year of age per 1,000 estimated live births ¹	47	40
Deaths per 1,000 population, annual basis, first 45 weeks of year.....	11.0	11.8
Data from industrial insurance companies:		
Policies in force.....	69,812,157	74,138,400
Number of death claims.....	10,950	11,566
Death claims per 1,000 policies in force, annual rate.....	8.2	8.1
Death claims per 1,000 policies, first 45 weeks of year, annual rate.....	9.5	9.6

¹ 1932, 81 cities; 1931, 77 cities.

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers

Reports for Weeks Ended December 3, 1932, and December 5, 1931

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended December 3, 1932, and December 5, 1931

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931
New England States:								
Maine.....	9	19	2	1	4	180	0	0
New Hampshire.....						5	0	0
Vermont.....		1				42	0	0
Massachusetts.....	35	63	4	2	83	237	3	2
Rhode Island.....	4	2		2	1	236	0	0
Connecticut.....	9	6	18	12	13	38	0	0
Middle Atlantic States:								
New York.....	50	118	17	21	653	408	9	10
New Jersey.....	50	34	13	8	242	14	0	1
Pennsylvania.....	140	128			347	673	3	4
East North Central States:								
Ohio.....	49	131	37	7	166	26	1	3
Indiana.....	117	91	247	8	16	14	0	15
Illinois.....	90	167	73	6	67	39	14	9
Michigan.....	20	41	2		272	19	0	4
Wisconsin.....	10	23	25	8	180	42	2	0
West North Central States:								
Minnesota.....	15	44	1	1	82	16	1	2
Iowa.....	18	21			5	10	0	3
Missouri.....	66	84	123	2	12	20	0	0
North Dakota.....	13	1	1		49		0	0
South Dakota.....	19	16	1	1		6	1	0
Nebraska.....	48	36	4	6	3	8	0	0
Kansas.....	31	65	52		12	35	3	0
South Atlantic States:								
Delaware.....	4	19				2	0	0
Maryland.....	16	75	16	6	4	5	1	2
District of Columbia.....	10	21	5	1	5	2	1	0
Virginia.....	50				113		1	
West Virginia.....	40	43	36	29	77	213	1	1
North Carolina.....	61	140	11	56	58	42	2	2
South Carolina.....	16	32	543	415	31	81	0	0
Georgia.....	32	24	297	33	6	4	1	4
Florida.....	15	8	10		2		0	0

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended December 3, 1932, and December 5, 1931—Continued

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931
East South Central States:								
Kentucky.....	75	91	108	—	—	—	3	1
Tennessee.....	84	75	946	13	3	14	1	4
Alabama.....	34	60	3,527	22	3	20	1	1
Mississippi.....	35	46	—	—	—	—	0	0
West South Central States:								
Arkansas.....	30	34	204	10	5	24	0	0
Louisiana.....	34	56	1,183	3	3	1	2	0
Oklahoma.....	50	114	152	27	2	—	0	0
Texas.....	154	216	111	42	44	—	3	1
Mountain States:								
Montana.....	1	6	—	—	371	126	0	0
Idaho.....	3	7	19	—	2	—	0	0
Wyoming.....	—	2	1	—	5	—	0	0
Colorado.....	9	7	1,034	—	10	6	1	0
New Mexico.....	5	9	2,750	1	1	5	0	1
Arizona.....	4	11	688	9	1	2	0	0
Utah.....	2	1	37	5	—	1	1	2
Pacific States:								
Washington.....	6	22	7	—	3	37	0	4
Oregon.....	2	4	284	33	41	6	0	0
California.....	69	109	1,702	69	47	187	3	5
Total.....	1,625	2,323	14,291	859	3,044	2,796	59	81

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931
New England States:								
Maine.....	2	1	17	43	0	0	6	3
New Hampshire.....	0	0	10	2	0	0	0	0
Vermont.....	0	0	12	5	1	10	0	0
Massachusetts.....	1	3	277	254	0	0	2	3
Rhode Island.....	0	0	33	17	0	0	0	0
Connecticut.....	0	2	73	52	0	39	0	2
Middle Atlantic States:								
New York.....	0	17	603	408	16	10	9	15
New Jersey.....	1	4	183	94	0	1	5	7
Pennsylvania.....	4	3	538	421	0	0	35	28
East North Central States:								
Ohio.....	1	4	506	456	19	14	8	27
Indiana.....	0	1	142	85	7	10	14	9
Illinois.....	1	20	389	283	0	12	12	36
Michigan.....	2	3	211	205	3	13	3	9
Wisconsin.....	0	3	79	87	2	4	2	4
West North Central States:								
Minnesota.....	1	13	78	64	1	4	1	1
Iowa.....	0	3	52	44	44	58	2	2
Missouri.....	0	0	138	71	0	7	3	11
North Dakota.....	0	0	5	13	0	3	0	1
South Dakota.....	1	0	19	13	0	15	0	1
Nebraska.....	1	0	65	42	4	3	0	1
Kansas.....	0	1	82	70	1	8	5	1
South Atlantic States:								
Delaware.....	0	0	12	9	0	0	0	0
Maryland.....	2	2	85	100	0	0	6	10
District of Columbia.....	0	0	10	16	0	0	0	0
Virginia.....	0	2	61	—	0	1	7	—
West Virginia.....	0	0	74	65	0	0	14	40
North Carolina.....	0	0	111	129	0	2	17	9
South Carolina.....	0	0	11	11	2	0	4	7
Georgia.....	0	0	18	32	0	0	2	2
Florida.....	0	0	10	6	0	0	1	11

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended December 3, 1932, and December 5, 1931—Continued

Division and State	Polio-myelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931	Week ended Dec. 3, 1932	Week ended Dec. 5, 1931
East South Central States:								
Kentucky.....	1	0	91	75	4	3	19	29
Tennessee.....	1	2	70	41	1	5	14	16
Alabama.....	0	1	42	52	4	1	7	18
Mississippi.....	1	0	28	26	1	17	5	10
West South Central States:								
Arkansas.....	0	0	50	25	0	0	3	10
Louisiana.....	0	0	18	23	3	4	5	20
Oklahoma.....	0	0	30	28	0	1	7	28
Texas.....	2	1	81	96	13	8	15	14
Mountain States:								
Montana.....	0	0	13	34	0	2	4	8
Idaho.....	0	0	0	2	4	3	3	0
Wyoming.....	0	0	8	11	0	1	0	1
Colorado.....	0	1	65	42	0	10	3	3
New Mexico.....	0	0	34	9	0	0	2	6
Arizona.....	0	1	6	8	0	0	0	0
Utah.....	0	0	4	14	0	0	0	0
Pacific States:								
Washington.....	3	3	36	44	3	16	1	9
Oregon.....	0	0	26	13	4	15	1	1
California.....	8	5	152	127	2	16	8	6
Total.....	28	96	4,658	8,769	139	317	255	419

¹ New York City only.

² Week ended Friday.

³ Typhus fever, week ended Dec. 3, 1932, 7 cases: 1 case in Maryland, 1 case in South Carolina, 3 cases in Georgia, and 2 cases in Florida.

⁴ Figures for 1932 are exclusive of Oklahoma City and Tulsa, and for 1931 are exclusive of Tulsa only.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week:

State	Menin- gococ- cus menin- gitis	Diph- theria	Influ- enza	Ma- laria	Mea- sles	Pel- lagra	Polio- mye- litis	Scarlet fever	Small- pox	Ty- phoid fever
September, 1932										
Hawaii Territory.....		19	95				3		0	4
Puerto Rico.....		38	2,070	2,863	74		1		0	10
October, 1932										
Minnesota.....	3	105	3		292		17	214	1	33
Mississippi.....	8	217	2,007	8,968	16	310	3	158	2	33
Puerto Rico.....		64	2,181	5,233	319	3	0		0	18
Wisconsin.....	1	56	110		325		8	198	16	14
November, 1932										
Connecticut.....	3	22	39	1	32		0	248	0	6
Iowa.....	8	72	5		9		2	152	68	2
Nebraska.....	1	119	1		4		4	153	10	8
Tennessee.....	6	311	520	82	11	6	10	289	14	70

September, 1932		Hookworm disease:		Cases		Plague:		Cases	
Chicken pox:	Cases	Hawaii Territory.....		19		Hawaii Territory.....			
Puerto Rico.....	20	Leprosy:				Paratyphoid fever:			
Dysentery:		Hawaii Territory.....		8		Hawaii Territory.....		1	
Puerto Rico.....	41	Mumps:				Puerperal septicaemia:			
Filariais:		Puerto Rico.....		10		Puerto Rico.....		9	
Puerto Rico.....	5	Ophthalmia neonatorum:				Tetanus:			
		Puerto Rico.....		3		Hawaii Territory.....		8	
						Puerto Rico.....		3	

Tetanus, infantile:	Cases	Puerperal septicemia:	Cases	Lead poisoning:	Cases
Puerto Rico.....	40	Mississippi.....	15	Connecticut.....	5
Trachoma:		Puerto Rico.....	8	Lethargic encephalitis:	
Puerto Rico.....	5	Rabies in animals:		Connecticut.....	2
Whooping cough:		Mississippi.....	6	Iowa.....	1
Puerto Rico.....	114	Septic sore throat:		Mumps:	
Yaws:		Minnesota.....	2	Connecticut.....	289
Puerto Rico.....	9	Tetanus:		Iowa.....	82
		Puerto Rico.....	13	Nebraska.....	28
		Tetanus, infantile:		Tennessee.....	41
		Puerto Rico.....	43	Puerperal septicemia:	
		Trachoma:		Tennessee.....	1
		Mississippi.....	5	Rabies in animals:	
		Wisconsin.....	44	Connecticut.....	4
		Tularaemia:		Tennessee.....	19
		Minnesota.....	4	Scabies:	
		Wisconsin.....	5	Tennessee.....	4
		Undulant fever:		Septic sore throat:	
		Minnesota.....	3	Connecticut.....	4
		Mississippi.....	1	Iowa.....	1
		Wisconsin.....	4	Nebraska.....	1
		Whooping cough:		Tennessee.....	5
		Minnesota.....	117	Trachoma:	
		Mississippi.....	339	Tennessee.....	27
		Puerto Rico.....	157	Trichinosis:	
		Wisconsin.....	214	Connecticut.....	1
				Tularaemia:	
				Tennessee.....	1
				Undulant fever:	
				Connecticut.....	8
				Iowa.....	4
				Nebraska.....	2
				Tennessee.....	2
				Vincen's angina:	
				Tennessee.....	2
				Whooping cough:	
				Connecticut.....	299
				Iowa.....	47
				Nebraska.....	53
				Tennessee.....	126

November, 1933

WEEKLY REPORTS FROM CITIES

City reports for week ended November 26, 1933

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scarlet fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Maine:											
Portland.....	0		0	0	0	4	0	0	0	1	21
New Hampshire:											
Concord.....	0		0	0	1	0	0	0	0	0	10
Nashua.....	0		0	0	0	0	0	0	0	0	
Vermont:											
Barre.....	0		0	0	0	0	0	0	0	0	2
Burlington.....	0		0	0	0	0	0	0	0	0	9
Massachusetts:											
Boston.....	14	1	1	27	3	46	0	7	1	47	216
Fall River.....	0		0	1	0	4	0	0	1	2	21
Springfield.....	1		0	0	2	6	0	1	0	2	42
Worcester.....	7		0	0	1	12	0	0	0	13	75
Rhode Island:											
Pawtucket.....	0		0	0	1	0	0	0	0	0	11
Providence.....	2		0	0	5	10	0	1	0	9	47
Connecticut:											
Bridgeport.....	0	1	0	5	3	5	0	0	0	0	32
Hartford.....	4	1	0	1	2	7	0	1	0	0	35
New Haven.....	0	1	0	0	5	1	0	0	0	6	45
New York:											
Buffalo.....	3		1	2	14	38	0	8	0	35	121
New York.....	53	9	7	152	121	135	0	49	1	106	1,314
Rochester.....	3		0	0	4	19	0	0	0	8	65
Syracuse.....	1		0	1	4	12	0	1	0	6	50
New Jersey:											
Camden.....	6	1	1	0	2	6	0	0	0	0	31
Newark.....	3	3	1	25	4	7	0	4	0	7	75
Trenton.....	0	1	0	0	1	0	0	1	0	10	27

City reports for week ended November 26, 1933—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scarlet fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Pennsylvania:											
Philadelphia.....	3	5	3	4	19	88	0	17	1	2	343
Pittsburgh.....	11	2	3	2	17	33	0	9	1	12	143
Reading.....	1		0	4	2	9	0	1	0	1	20
Scranton.....	3			4		11	0		0	4	
Ohio:											
Cincinnati.....	0	1	1	0	8	13	0	4	0	7	117
Cleveland.....	10	119	1	4	16	84	0	10	0	15	183
Columbus.....	4	1	1	85	4	19	0	3	0	0	68
Toledo.....	3		0	0	5	26	0	3	0	0	51
Indiana:											
Fort Wayne.....	10		0	0	2	0	0	7	0	0	
Indianapolis.....	5		0	3	3	5	0	5	0	2	
South Bend.....	0		0	0	3	6	0	2	0	2	16
Terre Haute.....	1		0	1	4	0	0	1	0	0	30
Illinois:											
Chicago.....	15	17	8	46	56	157	0	39	1	34	637
Springfield.....	4	1	0		2	12	0	1	0	0	19
Michigan:											
Detroit.....	7	2	2	19	19	52	0	20	1	77	236
Flint.....	1	1	0	0	1	3	0	2	0	1	16
Grand Rapids.....	0		2	1	4	3	0	0	0	12	24
Wisconsin:											
Kenosha.....	0		0	0	0	3	0	0	0	2	2
Madison.....	0			0		1	0		3	5	
Milwaukee.....	0		0	4	2	16	0	4	0	20	78
Racine.....	2		0	1	0	0	0	0	0	1	6
Superior.....	0		2	0	0	2	0	1	0	1	16
Minnesota:											
Duluth.....	0		0	0	1	6	0	0	0	2	19
Minneapolis.....	4		0	7	12	13	0	2	1	3	104
St. Paul.....	0		0	3	2	17	0	2	0	19	57
Iowa:											
Des Moines.....	4			0		3	0		0	0	44
Sioux City.....	4			3		3	0		0	1	1
Waterloo.....	0			1		0	0		1	0	
Missouri:											
Kansas City.....	2	1	1	10	7	11	0	2	2	3	110
St. Joseph.....	4		0	0	2	1	0	0	0	1	15
St. Louis.....	20		1	2	6	16	0	18	1	1	237
North Dakota:											
Fargo.....	0		0	0	2	1	0	0	0	0	3
Grand Forks.....	0		0	16	0	0	0	0	0	0	
South Dakota:											
Aberdeen.....	0		0	3	0	0	0	0	0	0	
Nebraska:											
Omaha.....	12		0	0	4	13	2	1	0	0	53
Kansas:											
Topeka.....	1		2	0	5	1	0	0	0	0	40
Wichita.....	0		0	0	1	3	0	1	0	4	29
Delaware:											
Wilmington.....	0		0	1	3	0	0	0	0	0	25
Maryland:											
Baltimore.....	0	14	2	1	20	39	0	11	0	22	203
Cumberland.....	0		0	0	1	2	0	0	0	0	15
Frederick.....	0		0	0	0	3	0	0	0	0	4
District of Colum- bia:											
Washington.....	4	4	3	0	5	16	0	7	1	4	112
Virginia:											
Lynchburg.....	2		0	2	1	5	0	0	0	2	12
Norfolk.....	2		0	0	2	2	0	3	0	0	23
Richmond.....	5		1	0	1	6	0	2	0	0	49
Roanoke.....	3		0	0	3	3	0	1	1	0	11
West Virginia:											
Charleston.....	0	1	0	0	4	4	0	0	1	2	25
Huntington.....	2			8		0	0		1	0	
Wheeling.....	0		0	51	2	4	0	0	0	4	20
North Carolina:											
Raleigh.....	1		0	1	2	5	0	1	0	0	7
Wilmington.....	0		0	0	1	4	0	1	1	0	9
Winston-Salem.....	0		0	1	2	5	0	0	1	0	

City reports for week ended November 26, 1932—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scarlet fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
South Carolina:											
Charleston.....	1	19	2	0	1	0	0	1	1	0	18
Columbia.....	1		0	0	2	0	0	7	0	0	37
Greenville.....	1			0		1	0		0	0	
Georgia:											
Atlanta.....	12	20	1	0	0	2	0	2	2	1	77
Brunswick.....	0		0	0	0	0	0	0	0	0	3
Savannah.....	4	4	1	0	2	1	0	2	0	0	40
Florida:											
Miami.....	2		0	0	1	0	0	2	0	0	26
Tampa.....	4		0	0	2	0	0	2	0	0	23
Kentucky:											
Lexington.....	0		0	1	2	1	0	0	0	0	15
Louisville.....	0	9	0	0	10	9	0	4	0	2	83
Tennessee:											
Memphis.....	16		0		5	6	0	4	2	0	66
Nashville.....	4		1	0	6	3	0	2	0	0	43
Alabama:											
Birmingham.....	6	53	2	1	1	7	0	3	3	1	46
Mobile.....	0	156	1	0	4	1	0	6	0	0	39
Montgomery.....	1	22		0		0	0		0	0	
Arkansas:											
Fort Smith.....	2			1	0	0	0		0	0	
Little Rock.....	2		0	0	5	3	0	1	0	0	7
Louisiana:											
New Orleans.....	10	75	32	0	20	7	0	9	0	3	211
Shreveport.....	0		0	0	6	1	0	3	0	0	31
Oklahoma:											
Muskogee.....	0			0		2	1		0	0	
Tulsa.....	3		0	1	0	3	0	0	0	1	
Texas:											
Dallas.....	20	3	3	0	2	13	0	3	4	1	53
Fort Worth.....	4		0	1	3	14	1	2	1	0	43
Galveston.....	1		0	0	0	0	0	0	0	0	15
Houston.....	9		4	0	18	3	0	6	0	0	93
San Antonio.....	6		0	1	8	0	0	6	0	0	70
Montana:											
Billings.....	0		0	0	0	1	0	0	0	0	7
Great Falls.....	0		1	92	1	2	0	0	0	0	7
Helena.....	0		0	1	0	0	0	0	0	0	5
Missoula.....	0		0	0	0	0	0	0	0	0	2
Idaho:											
Boise.....	0		0	5	1	1	2	0	0	0	7
Colorado:											
Denver.....	2		0	5	11	16	0	6	0	1	84
Pueblo.....	0		0	0	0	0	0	0	0	0	6
New Mexico:											
Albuquerque.....	2	4	0	0	0	2	0	4	0	0	9
Utah:											
Salt Lake City.....	0		2	0	5	8	0	0	0	0	47
Nevada:											
Reno.....	0		0	0	1	0	0	0	0	0	3
Washington:											
Seattle.....	3			0		7	1		1	2	
Spokane.....	0			0		3	0		0	0	
Tacoma.....	0		0	1	2	3	0	1	0	0	28
Oregon:											
Portland.....	1		0	1	2	6	0	1	0	0	54
Salem.....	0	3		4		0	0		0	0	
California:											
Los Angeles.....	26	435	4	24	27	55	0	18	1	25	292
Sacramento.....	0	63	2	0	0	3	0	0	0	0	30
San Francisco.....	8	76	1	2	11	4	0	3	2	44	157

City reports for week ended November 26, 1932—Continued

State and city	Meningococcus meningitis		Polio-myelitis cases	State and city	Meningococcus meningitis		Polio-myelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				Maryland:			
Boston.....	1	1	0	Baltimore.....	0	0	1
Springfield.....	0	1	0	Virginia:			
Rhode Island:				Roanoke.....	1	0	0
Providence.....	0	1	0	Florida:			
New York:				Miami.....	0	0	1
Buffalo.....	1	1	0	Texas:			
New York.....	1	0	3	Dallas.....	1	0	0
New Jersey:				Houston.....	1	0	0
Trenton.....	0	0	1	Colorado:			
Pennsylvania:				Denver.....	0	1	0
Philadelphia.....	0	0	3	Utah:			
Indiana:				Salt Lake City.....	1	0	0
Indianapolis.....	1	1	0	Oregon:			
South Bend.....	0	0	1	Salem.....	0	0	1
Illinois:				California:			
Chicago.....	11	5	1	Los Angeles.....	0	0	1
Michigan:				San Francisco.....	1	1	0
Detroit.....	0	1	0				
Missouri:							
St. Louis.....	1	1	0				

Lethargic encephalitis.—Cases: Providence, 1; New York, 3; Chicago, 1; Detroit, 2.

Pellagra.—Cases: Boston, 1; Wilmington, N. C., 1; Charleston, S. C., 1; Atlanta, 1; Savannah, 2; Memphis, 1.

Typhus fever.—Cases: New York, 1; Savannah, 1; Miami, 1; Tampa, 1; Mobile, 1.

FOREIGN AND INSULAR

CANADA

Provinces—Communicable diseases—Week ended November 19, 1932.—The Department of Pensions and National Health of Canada reports cases of certain communicable diseases for the week ended November 19, 1932, as follows:

Disease	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Cerebrospinal meningitis			1						1
Chicken pox	40		132	328	89	3	10	102	704
Diphtheria		15	31	52	11		3		112
Dysentery						1			1
Erysipelas			3	3	2		1		10
Influenza	12			7	1			1, 131	1, 151
Measles		9	74	277	5	1	8	10	384
Mumps				86	4			3	93
Pneumonia	1			7		2		7	17
Poliomyelitis			9	4	1		1		15
Scarlet fever	3	4	47	54	16	16	3	14	187
Trachoma								2	2
Tuberculosis	2	5	34	36	7	20	2	12	118
Typhoid fever		3	9	10	5	6	1	1	35
Undulant fever				6					6
Whooping cough	1		120	114	26	6		43	310

ITALY

Communicable diseases—Four weeks ended July 24, 1932.—During the four weeks ended July 24, 1932, cases of certain communicable diseases were reported in Italy, as follows:

Disease	June 27-July 3		July 4-10		July 11-17		July 18-24	
	Cases	Communes affected	Cases	Communes affected	Cases	Communes affected	Cases	Communes affected
Anthrax	32	27	22	19	39	33	41	30
Cerebrospinal meningitis	11	10	10	9	10	7	8	8
Chicken pox	191	104	145	89	133	84	100	70
Diphtheria and croup	288	167	274	149	275	146	230	129
Dysentery	15	13	21	10	14	11	16	10
Lethargic encephalitis	3	3	4	3	2	2	1	1
Measles	1, 441	313	1, 002	250	1, 064	286	779	234
Poliomyelitis	17	15	26	21	21	17	25	20
Rabies					1	1		
Scarlet fever	325	119	271	110	277	126	235	99
Typhoid fever	344	210	421	193	470	244	576	290

PANAMA CANAL ZONE

Communicable diseases—October, 1932.—During the month of October, 1932, certain communicable diseases, including imported cases, were reported in the Panama Canal Zone and terminal cities as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Chicken pox.....	22		Mumps.....	1	
Diphtheria.....	7		Pneumonia.....		23
Dysentery (bacillary).....	3	2	Tuberculosis.....		26
Leprosy.....	3	1	Typhus fever.....	1	
Malaria.....	126	6	Whooping cough.....	8	
Measles.....	23	2			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

(NOTE.—A table giving current information of the world prevalence of the quarantinable diseases appeared in the Public Health Reports for November 25, 1932, pp. 2231-2244. A similar cumulative table will appear in the Public Health Reports to be issued December 30, 1932, and thereafter, at least for the time being, in the issue published on the last Friday of each month.)

Cholera

India—Calcutta.—During the two weeks ended November 19, 1932, 43 cases of cholera with 9 deaths were reported at Calcutta, India.

Plague

Syria—Beirut.—During the two weeks ended November 26, 1932, 13 cases of plague were reported at Beirut, Syria.

Typhus Fever

Chile.—Under date of November 16, 1932, four cases of typhus fever were reported in Santiago, Chile, and a number of cases in towns in southern Chile, including the port of Parral.

Yellow Fever

French West Africa—Guinea.—Three fatal cases of yellow fever were reported at Kouroussa, French Guinea, November 18-25, 1932.